

*40 years of  
Expertise, Quality & Innovation*



 **Hansor**

Professional Fuse Manufacturer  
*Since 1979*

**Intelligent<sup>®</sup>**  
**FUSE**

Hansor Polymer Technology Corp is a professional fuse and fuse accessories manufacturer with 40 years of experience.



**W**ith our professional R&D team, Hansor has developed and produced a variety of fuses and fuse related accessories. Our experienced research team are also capable to make custom designed products to meet our clients' need. By using automatic production line and strict product quality control, our products have the highest quality and have been sold all over the world to our satisfied customers.



**Professionally Manufactured  
Quality Guaranteed**

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## 董事長的話 President's Message



瀚新科技為柏興集團之一員，集團成立至今，已跨入第四十個年頭。自1979年開始，由傳統電子零件代工製造廠，專注於提供車用電子零件給各大車廠以及售後服務市場，至今日由瀚新科技主導技術研發各類新產品，且提供客戶完整客製化設計需求上的解決方案。

瀚新科技自成立以來，秉持誠信的經營方針，提供客戶高品質的產品與服務，並不斷在新材質、新技術、新產品的研究開發上投注更多心力，以期提供客戶更滿意的產品與服務。瀚新將持續集團四十年來對品質的堅持，並持續強化資訊管理系統的運用、導入更多自動化生產設備和人員技術提升的教育訓練，以提供最高生產效率與最高品質產品給客戶為目標。

公司在未來將致力於產品多元化發展，並持續加強全球布局，對內部員工則繼續提供培訓，培育未來的管理及銷售人才，讓企業得以永續經營。

*Hansor is a member of Possing Electronic Group. It has been 40 years since Possing was established. We started out as an electronic component manufacturer in 1979 and provide automotive electronic parts to major OEMs and aftermarket retailers. We have since transformed from a manufacturer to a product solution provider lead by Hansor. Hansor has been focusing on technical development and innovation of products as well as provide a total solution to specialty custom design requested by our clients worldwide.*

*Expertise  
Quality  
Innovation*



*Honesty has been Hansor's business model since the beginning and provide highest quality of product and support for our customers. We continuously invest in the development of new materials, manufacturing techniques and new products to serve our customers with better product and support. Hansor will continue its persistence on product quality and utilization on data management. We will keep introducing more automation as well as staff up skill training and set our goal to provide top quality product with high production efficiency to our valued customers.*

*Hansor will continue to diversify our product lines, strengthen our global presence as well as internal staff training to ensure future prosperity.*

**Professionally Manufactured  
Quality Guaranteed**



# Our History & Achievements

- **1979** Founded in July 1979 as a professional fuse and fuse accessories manufacturer located in Taipei, Taiwan
- **1981** May 1981, Hwansing Marketing Co., Ltd. was established, in charge of selling fuse and fuse holders.
- **1982** Receive certification from Bureau of Standards, Metrology & Inspection, M.O.E.A. Taiwan as qualified export factory.
- **1985** Automation research department was established to develop automatic production and manufacturing equipments.
- **1988** Receive certification from UL and CSA for fuses.
- **1992** Shinelink Technology Corp. was established as authorized dealer for passive electronics.
- **1996** Obtained Patent for Plug-In(Blade type) Fuse in Taiwan R.O.C.
- **1997** Begin R&D project on Polymeric Positive Temperature Coefficient Thermistor (PPTC) device with the cooperation of Industrial Technology Research Institute of Taiwan R.O.C.
- **1998** Obtained Patent for Plug-In(Blade type) Fuse in United States of America.  
Hansor obtained and carried on the patents and technology of PPTC Resettable Fuse and starts manufacturing and distributing.
- **1999** Receive Certification from UL for Blade type fuse.
- **2002** Receive ISO9001:2000 for Quality Management
- **2003** Receive Certification from UL and TUV for PPTC Resettable Fuse.
- **2005** Receive patent for Intelligent Fuse using LED in Taiwan R.O.C. Begin Lead Free (Pb Free) manufacturing process to meet EU RoHS Compliance.
- **2006** Development of second generation Intelligent Fuse using LED to meet automotive market for implementing Intelligent Fuse to car fuse box.  
Receive patent for Intelligent Fuse using LED in Japan.
- **2008** Receive patent for Intelligent Fuse using LED in the United States.
- **2009** Receive patent for Intelligent Fuse using LED in China.  
Receive patent for Intelligent Fuse using LED in Iran  
Development of third generation LED device to be installed inside Super Mini(Low-Profile Mini) Blade Fuse.  
First public introduction of Intelligent Fuse in Taipei AMPA Exhibition.
- **2010** Receive patent for Bi-Polar LED device in the United States.
- **2011** Hansor's own branded products begin distribution in major retail chains in the United States and parts of the world.
- **2012** Successfully developed Intelligent Fuse Cartridge Type series.  
Continue diversify product listing by expanding product lines to include high end car battery terminals
- **2013** New Circuit Breaker for automotives product line developed  
Hansor introduce new Bolt-Down type fuse for battery powered vehicles
- **2016** Receive ISO 9001:2008 for Quality Management.
- **2018** Establish Autotronix Performance Ltd. in Vancouver, Canada as point of contact in North America.  
Receive ISO 9001:2015 for Quality Management.

# Intelligent<sup>®</sup> FUSE

## History

Previous generation of automotive blade fuse has no visual identification for blown fuse in the fuse box assembly.

The only method of verifying broken fuse is to manually pull out each fuse or check each circuit one by one to find the blown fuse. Not only is it time consuming, but also not user friendly. Majority of the consumers are not capable of doing the check on the circuits themselves.

## Design Idea

The design for INTELLIGENT FUSE is based on the idea of identifying blown fuse in the fuse box assembly immediately by visual inspection. The design calls for a light emitting device to be integrated with the automotive blade fuse. By doing so, the product enables consumers to identify blown fuse visually and replace it without any technician's help.

**Lights Up When It's Out!**



## Patents Awarded

- U.S. Patent: 7,339,486
- Japan Patent: 3125233
- Taiwan Patent: M289229
- China Patent: ZL200820110540.5





**Q Have you ever try to find a blown fuse in your car?**

**Q Wouldn't it be better that the fuse can tell you it needs to be replaced?**

**Before**



Checking each fuse with a fuse tester

**The Future**



Intelligent Fuse blown indicator in action



Intelligent Fuse is designed purely from user friendly point of view.

The patented construction design of Intelligent Fuse is manufactured and tested to meet the strict OEM requirements and SAE standards for automotive fuse. With the built-in LED indicator, a blown fuse can be easily identified and replace with new ones.

Intelligent Fuse can replace traditional car fuse without the need of any modification and can provide the same performance (in some cases better performance) as your old fuse.

## 4 EASY STEPS TO UPGRADE YOUR FUSE

**STEP 1**

Take out your old fuse (remember the exact spot where the fuse should be put back in) and match your fuse to the following pictures to get the correct model number.



**AMP**

(Replaces Littelfuse's MAXI fuse & Bussmann MAX fuse)



**ATP**

(Replaces Littelfuse's ATO fuse & Bussmann ATC fuse)



**ASP**

(Replaces Littelfuse's MINI fuse & Bussmann ATM fuse)



**ASM**

(Replaces Littelfuse's Low-Profile MINI fuse & Bussmann ATM-LP fuse)



**ASB**

(Replaces Littelfuse's Micro 2 fuse & Bussmann ATR fuse)



**ASW**

(Replaces Littelfuse's Micro 3 fuse & Bussmann ATL fuse)

**STEP 2**

Identify the ampere rating. Ampere rating is usually marked at the top of the fuse.



AMPERE MARKING

**STEP 3**

Find the fuse you need from the shelf.



AMPERE MARKING

PACKAGE P/N

MODEL SERIES

**STEP 4**

**Install your newly purchased Intelligent Fuse in the same slot of your old fuse and you are ready to go.**

## Intelligent Fuse

- All products meet ISO 8820 & SAE safety standards
- Comply with EU RoHS & REACH environmental regulation
- LED indicator built-in for blown indication. Rated at 32 V DC.



Series Part Number:	AMP-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	20A ~ 100A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	SAE J1888, ISO 8820-3

\* OEM Package: 500PC/Polybag  
 \* Export Packaging: 2,000 PC/Carton  
 \* Retail package available.



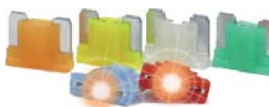
Series Part Number:	ATP-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	2A ~ 40A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	SAE J1284, ISO 8820-3

\* OEM Package: 1,000PC/Polybag  
 \* Export Packaging: 10,000 PC/Carton  
 \* Retail package photo please see below



Series Part Number:	ASP-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	2A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	SAE J2077, ISO 8820-3

\* OEM Package: 1,000PC/Polybag  
 \* Export Packaging: 15,000 PC/Carton  
 \* Retail package photo please see below



Series Part Number:	ASM-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	3A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	ISO 8820-9

\* OEM Package: 1,000PC/Polybag  
 \* Export Packaging: 10,000 PC/Carton  
 \* Retail package photo please see below



Series Part Number:	ASB-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	5A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	SAE J2741, ISO 8820-3

\* OEM Package: 1,000PC/Polybag  
 \* Export Packaging: 10,000 PC/Carton  
 \* Retail package photo please see below



Series Part Number:	ASW-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	5A ~ 15A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	SAE J2741, ISO 8820-3

\* OEM Package: 1,000PC/Polybag  
 \* Export Packaging: 10,000 PC/Carton  
 \* Retail package photo please see below



Series Part Number:	AFY-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	20A ~ 60A
Voltage Rating:	58 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	SAE J2741, ISO 8820-4

\* OEM Package: 500PC/Polybag  
 \* Export Packaging: 2,000 PC/Carton  
 \* Retail package photo please see below



Series Part Number:	AFX-L
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	20A ~ 60A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Compliance:	SAE J2741, ISO 8820-4

\* OEM Package: 500PC/Polybag  
 \* Export Packaging: 2,000 PC/Carton  
 \* Retail package available.



## Automotive Fuse Blade Type

- All products meet ISO 8820 & SAE safety standards
- Comply with EU RoHS & REACH environmental regulation



Series Part Number:	AMP-H
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	20A ~ 120A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	Transparent Thermoplastic
Compliance:	SAE J1888, ISO 8820-3

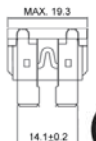
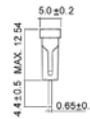
- \* OEM Package: 500PC/Polybag
- \* Export Packaging: 2,000 PC/Carton
- \* Retail package photo please see below

Series Part Number:	ATP-H
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	2A ~ 40A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	Transparent Thermoplastic
Compliance:	SAE J1284, ISO 8820-3

- \* OEM Package: 1,000 PC/Polybag
- \* Export Packaging: 10,000 PC/Carton
- \* Retail package photo please see below

Series Part Number:	ASP-H
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	2A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	Transparent Thermoplastic
Compliance:	SAE J2077, ISO 8820-3

- \* OEM Package: 1,000 PC/Polybag
- \* Export Packaging: 15,000 PC/Carton
- \* Retail package photo please see below



Series Part Number:	ASM-H
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	2A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	Transparent Thermoplastic
Compliance:	ISO 8820-9

- \* OEM Package: 500 PC/Polybag
- \* Export Packaging: 25,000 PC/Carton
- \* Retail package photo please see below

Series Part Number:	ATP-UL
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	3A ~ 40A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Plating Material:	Tin Plating
Housing Material:	Transparent Thermoplastic
Compliance:	SAE J1284, ISO 8820-3

- \* OEM Package: 1,000 PC/Polybag
- \* Export Packaging: 10,000 PC/Carton

Series Part Number:	ATP-NS
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	3A ~ 40A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Plating Material:	Tin Plating
Housing Material:	PA66 Thermoplastic
Compliance:	SAE J1284, ISO 8820-3

- \* OEM Package: 1,000 PC/Polybag
- \* Export Packaging: 10,000 PC/Carton



Series Part Number:	ASB-H
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	5A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Compliance:	SAE J2741, ISO 8820-3

- \* OEM Package: 1,000 PC/Polybag
- \* Export Packaging: 15,000 PC/Carton
- \* Retail package photo please see below

Series Part Number:	ASW-H
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	5A ~ 15A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Compliance:	SAE J2741, ISO 8820-3

- \* OEM Package: 1,000 PC/Polybag
- \* Export Packaging: 15,000 PC/Carton
- \* Retail package photo please see below

### Retail Package style reference:

\* For 1PC & 5PC package

\* For 10PC & 25PC package



- \* Standard Blister Card
- \* 300 Cards / Carton



- \* Double Blister Card
- \* 300 Cards / Carton

## Automotive Fuse

### 58 V Blade Type

- All products meet ISO 8820 & SAE safety standards  
- Comply with EU RoHS & REACH environmental regulation



Series Part Number:	AMP-M
Interrupting Rating:	1000A @ 58 VDC
Available Rating:	20A ~ 100A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Compliance:	SAE J1888, ISO 8820-3, SAE J2576



\* OEM Package: 500PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package photo please see below



Series Part Number:	ATP-M
Interrupting Rating:	1000A @ 58 VDC
Available Rating:	2A ~ 40A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Compliance:	SAE J1284, ISO 8820-3, SAE J2576



\* OEM Package: 1,000 PC/Polybag  
\* Export Packaging: 10,000 PC/Carton  
\* Retail package photo please see below



Series Part Number:	ASP-M
Interrupting Rating:	1000A @ 58 VDC
Available Rating:	2A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Compliance:	SAE J2077, ISO 8820-3, SAE J2576



\* OEM Package: 1,000 PC/Polybag  
\* Export Packaging: 15,000 PC/Carton  
\* Retail package photo please see below



Series Part Number:	ASM-M
Interrupting Rating:	1000A @ 58 VDC
Available Rating:	3A ~ 30A
Voltage Rating:	32 VDC
Fuse Material:	Zinc Alloy
Housing Material:	PA66 Thermoplastic
Compliance:	ISO 8820-9



\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 25,000 PC/Carton  
\* Retail package photo please see below

## Bolt Down Fuse



Series Part Number:	ANL
Available Rating:	35A ~ 500A
Voltage Rating:	80 VDC
Fuse Material:	Copper
Plating Material:	Au / Ni plated
Housing Material:	GF-PA66 Thermoplastic / Ceramic
Mounting hole size:	8mm / 11mm
Compliance:	ISO 8820-5



Series Part Number:	ANM
Available Rating:	40A ~ 500A
Voltage Rating:	32 VDC / 70 VDC
Fuse Material:	Copper
Plating Material:	Au / Ni plated
Housing Material:	GF-PA66 Thermoplastic
Mounting hole size:	8.5mm
Compliance:	ISO 8820-5



Series Part Number:	ANS
Available Rating:	30A ~ 200A
Voltage Rating:	32 VDC / 58 VDC
Fuse Material:	Copper
Plating Material:	Au / Ni plated
Housing Material:	Thermoplastic
Mounting hole size:	5.5mm
Compliance:	ISO 8820-5



Series Part Number:	ANS
Available Rating:	30A ~ 200A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Plating Material:	Au / Ni plated
Housing Material:	Thermoplastic
Indicating Device:	Patented bi-directional LED
LED Voltage Rating:	32 VDC
Mounting hole size:	5.5mm
Compliance:	ISO 8820-5



## Automotive Fuse

### Cartridge Type

- All products meet ISO 8820 & SAE safety standards
- Comply with EU RoHS & REACH environmental regulation



Series Part Number:	AFZ
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	15A ~ 40A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Compliance:	SAE J2741, ISO 8820-4

- \* OEM Package: 1,000PC/Polybag
- \* Export Packaging: 5,000 PC/Carton
- \* Retail package photo please see below



Series Part Number:	AFY
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	20A ~ 60A
Voltage Rating:	58 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Compliance:	SAE J2741, ISO 8820-4

- \* OEM Package: 1,000PC/Polybag
- \* Export Packaging: 5,000 PC/Carton
- \* Retail package photo please see below



Series Part Number:	AFX
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	20A ~ 60A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Compliance:	SAE J2741, ISO 8820-4

- \* OEM Package: 500PC/Polybag
- \* Export Packaging: 2,000 PC/Carton
- \* Retail package photo please see below



Series Part Number:	AFF
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	20A ~ 60A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Compliance:	SAE J2741, ISO 8820-4

- \* OEM Package: 500PC/Polybag
- \* Export Packaging: 2,000 PC/Carton
- \* Retail package photo please see below



Series Part Number:	AMS
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	30A ~ 140A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Compliance:	SAE J2741, ISO 8820-4

- \* OEM Package: 500PC/Polybag
- \* Export Packaging: 2,000 PC/Carton
- \* Retail package photo please see below



Series Part Number:	AFM
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	30A ~ 140A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Compliance:	SAE J2741, ISO 8820-4

- \* OEM Package: 500PC/Polybag
- \* Export Packaging: 2,000 PC/Carton
- \* Retail package photo please see below



Series Part Number:	AML
Interrupting Rating:	1000A @ 32 VDC
Available Rating:	30A ~ 140A
Voltage Rating:	32 VDC
Fuse Material:	Copper
Housing Material:	Thermoplastic
Compliance:	SAE J2741, ISO 8820-4

- \* OEM Package: 500PC/Polybag
- \* Export Packaging: 2,000 PC/Carton
- \* Retail package photo please see below

### Retail Package style reference:

\* For 1PC retail package



\* Professional Installer Assortment Kit



- \* Standard Blister Card
- \* 300 Cards / Carton

## PPTC Thermistor

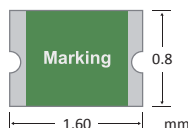
### Resettable Fuse

- Most commonly used in consumer electronics such as computers & mobile devices
- Taping reel package for automatic production assembly machine
- Comply with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



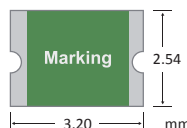
### SMD Series

#### 0603 Series



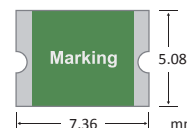
Part Number	Rated Current	Rated Voltage	SPQ (PC)
SMD0603P010TF	0.1A	15 V DC	4000
SMD0603P020TF	0.2A	9 V DC	4000
SMD0603P025TF	0.25A	9 V DC	4000
SMD0603P030TF	0.3A	6 V DC	4000

#### 1210 Series



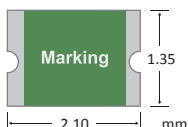
Part Number	Rated Current	Rated Voltage	SPQ (PC)
SMD1210P005TF	0.05A	30 V DC	3000
SMD1210P010TF	0.1A	30 V DC	3000
SMD1210P020TF	0.2A	30 V DC	3000
SMD1210P035TF	0.35A	6 V DC	4000
SMD1210P050TF	0.5A	13.2 V DC	4000
SMD1210P075TF	0.75A	6 V DC	4000
SMD1210P110TFT	1.1A	8 V DC	4000
SMD1210P150TFT	1.5A	6 V DC	3000
SMD1210P175TF	1.75A	6 V DC	3000
SMD1210P200TFT	2A	6 V DC	2000

#### 2920 Series



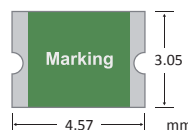
Part Number	Rated Current	Rated Voltage	SPQ (PC)
SMD2920P030TF	0.3A	60 V DC	1500
SMD2920P050TF	0.5A	60 V DC	1500
SMD2920P075TF	0.75A	30 V DC	1500
SMD2920P100TF	1.1A	33 V DC	2000
SMD2920P125TF	1.25A	15 V DC	2000
SMD2920P150TF	1.5A	33 V DC	1500
SMD2920P185TF	1.85A	33 V DC	1500
SMD2920P200TF	2A	15 V DC	1500
SMD2920P200TF/24	2A	24 V DC	1500
SMD2920P250TF	2.5A	15 V DC	1500
SMD2920P260TF	2.6A	6 V DC	2000
SMD2920P300TF	3A	6 V DC	1500
SMD2920P300TF/15	3A	15 V DC	1500

#### 0805 Series



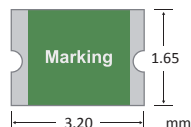
Part Number	Rated Current	Rated Voltage	SPQ (PC)
SMD0805P010TF	0.1A	15 V DC	4000
SMD0805P020TF	0.2A	9 V DC	4000
SMD0805P035TF	0.35A	6 V DC	4000
SMD0805P050TF	0.5A	6 V DC	4000
SMD0805P075TF	0.75A	6 V DC	4000
SMD0805P100TF	1A	6 V DC	3000

#### 1812 Series



Part Number	Rated Current	Rated Voltage	SPQ (PC)
SMD1812P010TF	0.1A	30 V DC	1500
SMD1812P014TF	0.14A	60 V DC	1500
SMD1812P020TF	0.2A	30 V DC	2000
SMD1812P035TF/30	0.35A	30 V DC	1500
SMD1812P050TF	0.5A	15 V DC	2000
SMD1812P050TF/30	0.5A	30 V DC	2000
SMD1812P075TF	0.75A	13.2 V DC	2000
SMD1812P075TF/24	0.75A	24 V DC	1500
SMD1812P075TF/33	0.75A	33 V DC	1500
SMD1812P110TF	1.1A	6 V DC	2000
SMD1812P110TF/16	1.1A	16 V DC	1500
SMD1812P110TF/24	1.1A	24 V DC	1500
SMD1812P110TF/33	1.1A	33 V DC	1000
SMD18120P125TF/16	1.25A	16 V DC	1500
SMD18120P125TF/6,4L	1.25A	6 V DC	2000
SMD1812P150TF/8	1.5A	8 V DC	2000
SMD1812P150TF/12	1.5A	12 V DC	1500
SMD1812P150TF/24	1.5A	24 V DC	1000
SMD1812P160TF/8(4L)	1.6A	8 V DC	2000
SMD1812P200TFT	2A	8 V DC	2000
SMD1812P260TFT	2.6A	8 V DC	1500
SMD1812P260TF/12	2.6A	12 V DC	1000
SMD1812P300TF	3A	6 V DC	1000

#### 1206 Series



Part Number	Rated Current	Rated Voltage	SPQ (PC)
SMD1206P012TF	0.125A	30 V DC	3000
SMD1206P016TF	0.16A	30 V DC	3000
SMD1206P020TF/24	0.2A	24 V DC	4000
SMD1206P025TF	0.25A	16 V DC	4000
SMD1206P035TF/16	0.35A	16 V DC	4000
SMD1206P050TF	0.5A	6 V DC	4000
SMD1206P050TF/15	0.5A	15 V DC	4000
SMD1206P075TFT	0.75A	8 V DC	4000
SMD1206P075TF/13.2	0.75A	13.2 V DC	3000
SMD1206P110TFT	1.1A	8 V DC	4000
SMD1206P150TFT	1.5A	6 V DC	3000
SMD1206P175TF	1.75A	6 V DC	2000
SMD1206P200TF	2A	6 V DC	2000



### Radial Lead Series

Part Series	Rated Current	Rated Voltage
RF-RL Series	0.9A ~ 9A	30 V DC
RF-RM Series	0.1A ~ 3.75A	60 V DC
RF-RG Series	3A ~ 14A	16 V DC
RF-RX Series	0.1A ~ 3.75A	90 V DC
HVR250 Series	0.08A ~ 0.18A	250 V DC/60 V AC
HVR600 Series	0.15A ~ 0.16A	600 V DC/60 V AC

\* OEM Package: 1,000 PC/Polybag

### Axial Lead Series

Part Series	Rated Current	Rated Voltage
FVT Series	1.1A ~ 2.4A	16 V DC
FVL Series	1.7A ~ 2.3A	12 V DC
FSR Series	1.2A ~ 2.3A	up to 30 V DC
FLR Series	1.9A ~ 7.3A	up to 20 V DC
FLT Series	1.9A ~ 6A	up to 24 V DC

\* OEM Package: 1,000 PC/Polybag



# Electronic Fuse

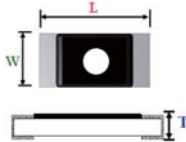
## SMD & Micro Fuse

- Most commonly used for electronic circuit protection
- Taping reel package for automatic production assembly machine
- Complies with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### SMD Fuses

#### TYPE 0402



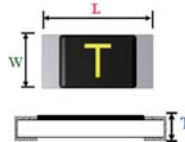
Type	0402
L	0.95 ± 0.1 mm
W	0.48 ± 0.1 mm
T	0.33 ± 0.1 mm



Part Series	Rated Current	Rated Voltage
CSMD04CF	1A ~ 5A	32 V DC

\* Standard Package: 10,000 PC/reel

#### TYPE 0603



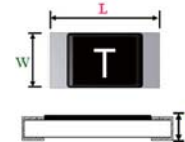
Type	0603
L	1.55 ± 0.15 mm
W	0.8 ± 0.1 mm
T	0.43 ± 0.1 mm



Part Series	Rated Current	Rated Voltage	Blow Type
CSMD06CF	0.2A ~ 5A	32 VDC	Fast Acting
CSMD06CT	0.2A ~ 5A	32 VDC	Slow Blow

\* Standard Package: 5,000 PC/reel

#### TYPE 1206



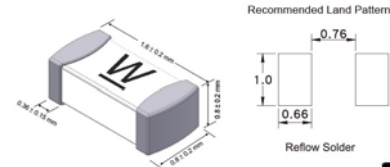
Type	1206
L	3.1 ± 0.2 mm
W	1.6 ± 0.1 mm
T	0.65 ± 0.2 mm



Part Series	Rated Current	Rated Voltage	Blow Type
CSMD12CF	0.2A ~ 7A	63 V DC/32 V AC	Fast Acting
CSMD12CT	0.2A ~ 7A	63 V DC/32 V AC	Slow blow

\* Standard Package: 5,000 PC/reel

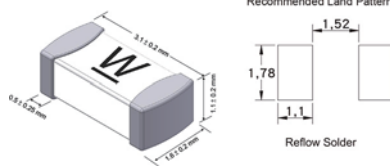
#### TYPE 0603



Part Series	Rated Current	Rated Voltage	Blow Type
QSMD06LF	1A ~ 8A	63 V DC	Fast Acting
QSMD06LT	1A ~ 8A	63 V DC	Slow Blow

\* Standard Package: 4,000 PC/reel

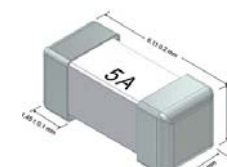
#### TYPE 1206



Part Number	Rated Current	Rated Voltage	Blow Type
QSMD12LF	1A ~ 8A	125 V	Fast Acting
QSMD12LF	10A ~ 20A	24 V	Fast Acting
QSMD12LT	1A ~ 8A	125 V	Slow Blow
QSMD12LT	10A ~ 20A	24 V	Slow Blow

\* Standard Package: 3,000 PC/reel

#### Square Ceramic Tube Type

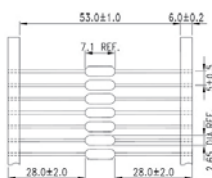


Part Series	Rated Current	Rated Voltage	Blow Type
SEF	62mA ~ 10A	125 V	Fast Acting
SEF	12A ~ 15A	65 V	Fast Acting
SET	200mA ~ 7A	125 V	Slow Blow

\* Standard Package: 1,000 PC/reel

### Pico Fuses

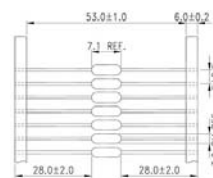
Ø2.8mm X 7.1mm



Part Series	Rated Current	Rated Voltage	Blow Type
PFP	375mA ~ 10A	125 V	Very Fast Acting
PFP	12A ~ 15A	32 V	Very Fast Acting
PSP	500mA ~ 5A	125 V	Slow Blow

\* Standard Package: 5,000 PC/reel

Ø3.18mm X 7.1mm

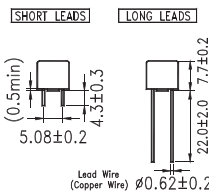


Part Series	Rated Current	Rated Voltage	Blow Type
PEP	315mA ~ 5A	125 V	Very Fast Acting
PMP	375mA ~ 7A	250 V	Slow Blow

\* Standard Package: 5,000 PC/reel

### Micro Fuses

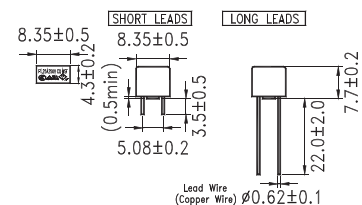
Ø8.3mm X 7.7mm(H)



Part Series	Rated Current	Rated Voltage	Blow Type
MEF	50mA ~ 6.3A	250 V	Fast Acting
MET	375mA ~ 7A	250 V	Slow Blow

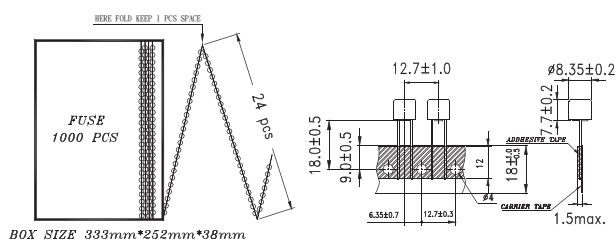
\* Standard Package: 1,000 PC/reel

8.35 X 4.3 X 7.7mm(H)

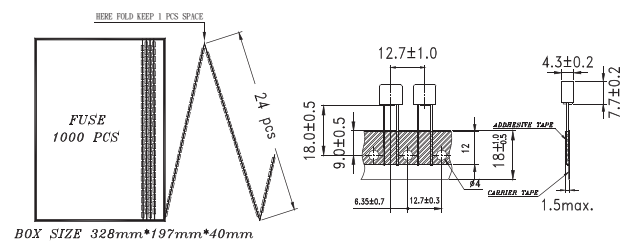


Part Series	Rated Current	Rated Voltage	Blow Type
MSF	50mA ~ 6.3A	250 V	Fast Acting
MST	40mA ~ 10A	250 V	Slow Blow

\* Standard Package: 1,000 PC/reel



BOX SIZE 333mm\*252mm\*38mm



BOX SIZE 328mm\*197mm\*40mm

## Electronic Fuse

### Tube Type

- Most commonly used for electronic circuit protection
- Tin plated copper cap and lead wire for lost resistant conductivity
- Comply with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### Ø3.6mm X 10mm Tube Fuse



Part Series	Rated Current	Rated Voltage	Casing	Blow Type	Certification
MFH	50mA ~ 15A	125 V	Ceramic	Fast Acting	UL/CSA
MFH-P	50mA ~ 15A	125 V	Ceramic + Lead Wire	Fast Acting	UL/CSA
MFH-PA	50mA ~ 15A	125 V	Ceramic + Pig Tail	Fast Acting	UL/CSA
MFG36	0.1A ~ 30A	125 V	Glass	Fast Acting	
MFG36-PA	0.1A ~ 30A	125 V	Glass + Pig Tail	Fast Acting	
PTS	100mA ~ 5A	250V	Ceramic	Slow Blow	UL/CSA
PTP	100mA ~ 5A	250V	Ceramic + Pig Tail	Slow Blow	UL/CSA
PBS	0.1A ~ 8A	250V	Ceramic	Fast Acting	UL/CSA
PBP	0.1A ~ 8A	250V	Ceramic + Pig Tail	Fast Acting	UL/CSA
PDS	0.1A ~ 10A	250V	Glass	Slow Blow	UL/CSA
PDP	0.1A ~ 10A	250V	Glass + Pig Tail	Slow Blow	UL/CSA
PGS	0.1A ~ 10A	250V	Glass	Fast Acting	UL/CSA
PGP	0.1A ~ 10A	250V	Glass + Pig Tail	Fast Acting	UL/CSA
PTU	250mA ~ 6.3A	250V	Ceramic + Pig Tail	Slow Blow	UR/CSA/VDE
PBU	50mA ~ 6.3A	250V	Ceramic + Pig Tail	Fast Acting	UR/CSA/VDE

\* OEM Package: 1,000 PC/Polybag

### Ø5.2mm X 20mm Tube Fuse



Part Series	Rated Current	Rated Voltage	Casing	Blow Type	Certification
GFE	10mA ~ 20A	250 V	Glass	Fast Acting	UL/CSA/PSE
GSL	10mA ~ 20A	250 V	Glass	Time Lag	UL/CSA/PSE
GBM	10mA ~ 20A	250 V	Ceramic	Fast Acting	UL/CSA/PSE
GTE	500mA ~ 10A	250 V	Glass	Time Lag	UL/CSA/PSE
GDA	10mA ~ 20A	250 V	Ceramic	Time Lag	UL/CSA/PSE
UTE	63mA ~ 16A	250V	Glass	Slow Blow	UR/CSA/VDE/TUV/PSE
UFE	63mA ~ 10A	250V	Glass	Fast Blow	UR/CSA/VDE/TUV/PSE
UDA	500mA ~ 25A	250V	Ceramic	Time Lag	UR/CSA/VDE/TUV/PSE
UBM	63mA ~ 16A	250V	Ceramic	Fast Blow	UR/CSA/VDE/TUV/PSE

\* OEM Package: 1,000 PC/Polybag

### Ø6.3mm X 32mm Tube Fuse



Part Series	Rated Current	Rated Voltage	Casing	Blow Type	Certification
AFE	10mA ~ 10A	250 V	Glass	Fast Acting	UL/CSA/PSE
AFE	12A ~ 30A	32 V	Glass	Fast Acting	UL/CSA/PSE
ADL	10mA ~ 30A	250 V	Glass	Time Lag	UL/CSA/PSE
ATE	500mA ~ 10A	250 V	Glass	Time Lag	UL/CSA/PSE
ABE	10mA ~ 30A	250 V	Ceramic	Fast Acting	UL/CSA/PSE
ADA	100mA ~ 30A	250V	Ceramic	Time Lag	UL/CSA/PSE
JSO	10mA ~ 30A	250V	Glass	Normal Blow	PSE

\* OEM Package: 1,000 PC/Polybag

\* Retail Package for AFE & JSO Series available for Automotive Aftermarket

## Electronic Fuse

### Tube Type

- Most commonly used for electronic circuit protection
- Tin plated copper cap and lead wire for lost resistant conductivity
- Comply with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### Tube Fuses with special dimensions



Part Series	Rated Current	Rated Voltage	Dimension	Casing	Blow Type	Certification
SDL	10mA ~ 10A	250 V	Ø4.5 X 14.5mm	Glass	Time Lag	UL/CSA/PSE
SGS	10mA ~ 10A	250 V	Ø4.5 X 14.5mm	Glass	Fast Acting	UL/CSA/PSE
SCD	100mA ~ 8A	350 V	Ø4.5 X 14.5mm	Ceramic	Time Lag	C/UL
SCF	100mA ~ 8A	350 V	Ø4.5 X 14.5mm	Ceramic	Time Lag	C/UL
AAE	63mA ~ 30A	250 V	Ø6.3 X 15.9mm	Glass	Fast Acting	UL/CSA/PSE
AXE	10mA ~ 30A	250V	Ø6.3 X 25.4mm	Glass	Fast Acting	UL/CSA/PSE
AUE	500mA ~ 80A	250V	Ø10.3 X 38.1mm	Glass	Normal Blow	UL/CSA/PSE

\* OEM Package: 1,000 PC/Polybag

\* Retail Package for AXE & AUE Series available for Automotive Aftermarket

### SFE American car fuses for classic cars



Part Number	Rated Current	Rated Voltage	Dimension (inch)	Casing	Blow Type	Compliance
SFE-4	4A	32V DC	Ø1/4 x 5/8	Glass	Normal Blow	SAE Safety Standard Compliant for Automotive Industry
SFE-6	6A	32V DC	Ø1/4 x 3/4	Glass	Normal Blow	
SFE-7.5	7.5A	32V DC	Ø1/4 x 7/8	Glass	Normal Blow	
SFE-9	9A	32V DC	Ø1/4 x 7/8	Glass	Normal Blow	
SFE-14	14A	32V DC	Ø1/4 x 1-1/16	Glass	Normal Blow	
SFE-20	20A	32V DC	Ø1/4 x 1-1/4	Glass	Normal Blow	
SFE-30	30A	32V DC	Ø1/4 x 1-7/16	Glass	Normal Blow	

\* OEM Package: 1,000 PC/Polybag

\* Retail Package style please see below

### Retail Package style reference:

\* For blister package



\* Standard Blister Card

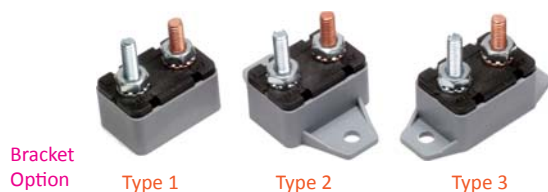
\* 300 Cards / Carton

### Retail package for classic cars

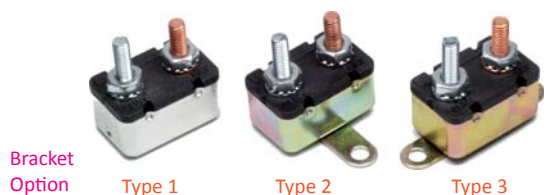
Part Number	Content	Part Number	Content	Part Number	Content
HP/AFE-1-RP	AFE Fuse 1A, 5PC Pack	HP/SFE-4-RP	SFE Fuse 4A, 5PC Pack	HP/AGA-AH8-RP	1A, 2A 1PC each; 3A, 5A, 7.5A 2PC each
HP/AFE-2-RP	AFE Fuse 2A, 5PC Pack	HP/SFE-6-RP	SFE Fuse 6A, 5PC Pack	HP/AGA-AH8-RP	10A, 15A, 20A, 25A 2PC each
HP/AFE-3-RP	AFE Fuse 3A, 5PC Pack	HP/SFE-7-1/2-RP	SFE Fuse 7.5A, 5PC Pack	HP/AGW-A8-RP	5A, 7.5A 1PC each; 15A, 20A, 30A 2PC each
HP/AFE-4-RP	AFE Fuse 4A, 5PC Pack	HP/SFE-9-RP	SFE Fuse 9A, 5PC Pack	HP/AXE-A8-RP	5A, 8A 1PC each; 20A, 25A, 30A 2PC each
HP/AFE-5-RP	AFE Fuse 5A, 5PC Pack	HP/SFE-14-RP	SFE Fuse 14A, 5PC Pack		
HP/AFE-6-RP	AFE Fuse 6A, 5PC Pack	HP/SFE-20-RP	SFE Fuse 20A, 5PC Pack		
HP/AFE-7-1/2-RP	AFE Fuse 7.5A, 5PC Pack	HP/SFE-30-RP	SFE Fuse 30A, 5PC Pack		
HP/AFE-10-RP	AFE Fuse 10A, 5PC Pack	HP/SFE-AL6-RP	SFE Fuse 4A, 6A 1PC each; 7.5A, 9A, 2PC each		
HP/AFE-15-RP	AFE Fuse 15A, 5PC Pack				
HP/AFE-20-RP	AFE Fuse 20A, 5PC Pack				
HP/AFE-25-RP	AFE Fuse 25A, 5PC Pack				
HP/AFE-30-RP	AFE Fuse 30A, 5PC Pack				
HP/AFE-AL10-RP	AFE Fuse 1A, 2A, 3A, 5A 2PC each; 4A, 6A 1PC each				
HP/AFE-AH10-RP	AFE Fuse 7.5A, 25A 1PC each; 10A, 15A, 20A, 30A 2PC each				

## Circuit Breakers

- All products meet SAE safety regulation standards
- Comply with EU RoHS & REACH environmental regulation



Part Series	Type Option	Bracket Option	Rated Current	Rated Voltage
CB1	1 (auto reset)	1 (type 1 bracket)	5A ~ 50A	14 VDC & 28 VDC (for type 3 only)
	2 (modified reset)	2 (type 2 bracket)		
	3 (manual reset)	3 (type 3 bracket)		



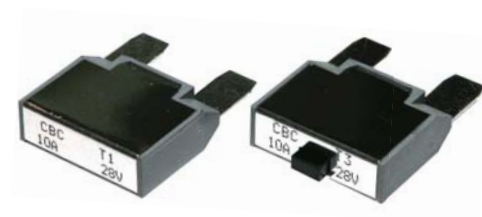
Part Series	Type Option	Bracket Option	Rated Current	Rated Voltage
CB2	1 (auto reset)	1 (type 1 bracket)	5A ~ 50A	14 VDC & 28 VDC (for type 3 only)
	2 (modified reset)	2 (type 2 bracket)		
	3 (manual reset)	3 (type 3 bracket)		



Part Series	Type Option	Terminal Option	Rated Current	Rated Voltage
CB3	1 (auto reset)	1 (option 1)	5A ~ 30A	14 VDC
	2 (modified reset)	2 (option 2)		
	3 (manual reset)	3 (option 3)		



Part Series	Type Option	Terminal Option	Rated Current	Rated Voltage
CBB	1 (auto reset)	Standard Blade Fuse Terminal	5A ~ 30A	14 VDC & 28 VDC
	2 (modified reset)			
	3 (manual reset)			



Part Series	Type Option	Terminal Option	Rated Current	Rated Voltage
CBC	1 (auto reset)	MAXI Blade Fuse Terminal	5A ~ 50A	14 VDC & 28 VDC
	2 (modified reset)			
	3 (manual reset)			



## Circuit Breakers

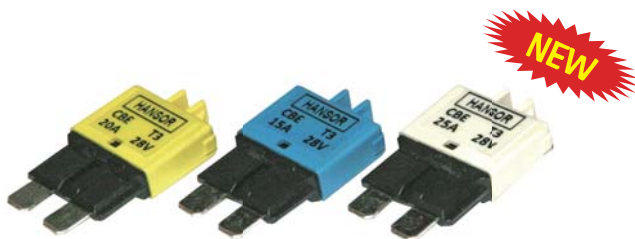
- All products meet SAE safety regulation standards
- Comply with EU RoHS & REACH environmental regulation



Part Series	Type Option	Terminal Option	Rated Current	Rated Voltage
CBD	1 (auto reset) 2 (modified reset) 3 (manual reset)	Mini Blade Fuse Terminal	5A ~ 30A	14 VDC & 28 VDC



Part Series	Type Option	Terminal Option	Rated Current	Rated Voltage
CBA	1 (auto reset) 2 (modified reset) 3 (manual reset)	Mini Blade Fuse Terminal	5A ~ 30A	14 VDC & 28 VDC



Part Series	Type Option	Terminal Option	Rated Current	Rated Voltage
CBE	1 (auto reset) 2 (modified reset) 3 (manual reset)	Mini Blade Fuse Terminal	5A ~ 30A	14 VDC & 28 VDC



Part Series	Type Option	Mounting Type	Rated Current	Rated Voltage
CGA-S	1 (auto reset) 3 (manual reset) 4 (manual reset w/ switch)	Surface Mount	40A ~ 250A	32VDC(UL/SAE) 48VDC(SAE)



Part Series	Type Option	Mounting Type	Rated Current	Rated Voltage
CGA-P	1 (auto reset) 3 (manual reset) 4 (manual reset w/ switch)	Panel Mount	40A ~ 250A	48VDC(SAE)

## In-Line Fuse Holders

- Provide protection for additional circuits and easy access for fuse replacement
- Flame retarding UL 94 V0 thermoplastic material
- Complies with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### For Ø5.2mm Tube Fuses



Part Number	FH-209
Max. Current	10A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	16 ~ 20 AWG
Cover Type	Bayonet Type



Part Number	FH-205
Max. Current	10A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Polycarbonate
Compatible wiring	16 ~ 20 AWG
Cover Type	Interlock Type



Part Number	FH-215
Max. Current	15A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Bakelite PC
Compatible wiring	16 ~ 20 AWG
Cover Type	Screw Type

### For Ø6.3mm Tube Fuses



Part Number	FH-204
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Polycarbonate
Compatible wiring	14 ~ 20 AWG
Cover Type	Interlock Type



Part Number	FH-207
Max. Current	10A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	P.P.
Compatible wiring	14 ~ 20 AWG
Cover Type	Hinged Body



Part Number	FH-208
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon PA 6
Compatible wiring	14 ~ 20 AWG
Cover Type	Hinged Body



Part Number	FH-201
Max. Current	10A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	P.P.
Compatible wiring	16 ~ 20 AWG
Cover Type	Bayonet Type



Part Number	FH-206
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	12 ~ 20 AWG
Cover Type	Bayonet Type



Part Number	FH-210
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 2000 V Min.
Housing Material	Nylon
Compatible wiring	10 ~ 18 AWG
Cover Type	Bayonet Type

## In-Line Fuse Holders

- Provide protection for additional circuits and easy access for fuse replacement
- Flame retarding UL 94 V0 thermoplastic material
- Complies with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### For Ø6.3mm Tube Fuses



Part Number	FH-211
Max. Current	40A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 2000 V Min.
Housing Material	Nylon with FG
Compatible wiring	10 ~ 16 AWG
Cover Type	Bayonet Type



Part Number	FH-202
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 2000 V Min.
Housing Material	Bakelite
Compatible wiring	14 ~ 20 AWG
Cover Type	Screw Type



Part Number	FH-203
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 2000 V Min.
Housing Material	Bakelite
Compatible wiring	10 ~ 20 AWG
Cover Type	Screw Type



Part Number	FH-306
Max. Current	10A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 20 AWG
Cover Type	Snap Lock



Part Number	FH-307
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	14 ~ 18 AWG
Cover Type	Snap Lock



Part Number	FH-315
Max. Current	15A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 2000 V Min.
Housing Material	Nylon
Compatible wiring	12 ~ 20 AWG
Cover Type	Screw Type

### For ATP Blade Type Fuses



Part Number	FH-006
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	12 ~ 18 AWG
Characteristic	Heavy Duty



Part Number	FH-010
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	10 ~ 18 AWG
Characteristic	Interlock capable



Part Number	FH-012
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	10 ~ 18 AWG
Characteristic	Water Resistant

## In-Line Fuse Holders

- Provide protection for additional circuits and easy access for fuse replacement
- Flame retarding UL 94 V0 thermoplastic material
- Complies with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### For ATP Blade Type Fuses



Part Number	FH-006P
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 16 AWG
Characteristic	Heavy Duty



Part Number	FH-007
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	14 ~ 18 AWG
Characteristic	Hinged Body Type



Part Number	FH-011
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	14 ~ 18 AWG
Characteristic	Hinged Body Type



Part Number	FH-006WR
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	10 ~ 18 AWG
Characteristic	Water Resistant



Part Number	IFH-003
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	12 ~ 18 AWG
Characteristic	Add-A-Circuit type



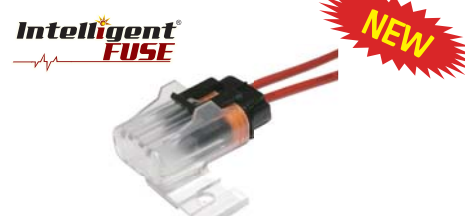
Part Number	FH-85532
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	10 ~ 18 AWG
Characteristic	Water Proof



Part Number	IFH-001
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	10 ~ 18 AWG
Characteristic	For Intelligent Fuse®



Part Number	IFH-006
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	10 ~ 20 AWG
Characteristic	For Intelligent Fuse®



Part Number	IFH-012
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	10 ~ 18 AWG
Characteristic	IP67 Water Proof



## In-Line Fuse Holders

- Provide protection for additional circuits and easy access for fuse replacement
- Flame retarding UL 94 V0 thermoplastic material
- Complies with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### For ASP Mini Blade Type Fuses



Part Number	SFH-001
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 16 AWG
Characteristic	Water Resistant



Part Number	SFH-001A
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 16 AWG
Characteristic	Water Resistant



Part Number	IFH-004
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	12 ~ 18 AWG
Characteristic	Add-A-Circuit Type



Part Number	FH-85533
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	10 ~ 18 AWG
Characteristic	Water Proof

**Intelligent FUSE**



Part Number	IFH-002
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 16 AWG
Characteristic	For Intelligent Fuse®

**Intelligent FUSE**



Part Number	IFH-013
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	10 ~ 18 AWG
Characteristic	IP67 Water Proof



Part Number	SFH-002
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Housing Material	Nylon
Compatible wiring	10 ~ 18 AWG
Characteristic	Interlock capable



### For AMP MAXI Blade Type Fuses



Part Number	MFH-001
Max. Current	120A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 3000 V Min.
Housing Material	Nylon & PVC
Compatible wiring	4 ~ 10 AWG
Characteristic	Splash Proof



Part Number	MFH-001A
Max. Current	80A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 3000 V Min.
Housing Material	Nylon & PVC
Compatible wiring	4 ~ 10 AWG
Characteristic	Water Resistant

**Intelligent FUSE**



Part Number	IFH-007
Max. Current	120A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 3000 V Min.
Housing Material	Nylon & PVC
Compatible wiring	4 ~ 10 AWG
Characteristic	For Intelligent Fuse®

## In-Line Fuse Holders

- Provide protection for additional circuits and easy access for fuse replacement
- Flame retarding UL 94 V0 thermoplastic material
- Comply with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### For ASM Micro Blade Type Fuses



Part Number	AFH-001
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 18 AWG
Characteristic	Water Resistant



Part Number	IFH-008
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 18 AWG
Characteristic	For Intelligent Fuse®



Part Number	IFH-005
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	14 ~ 18 AWG
Characteristic	Add-A-Circuit Type

### For ASB Micro-2 Blade Type Fuses



Part Number	BFH-001
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 18 AWG
Characteristic	Water Resistant



Part Number	IFH-010
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	PVC
Compatible wiring	12 ~ 18 AWG
Characteristic	For Intelligent Fuse®

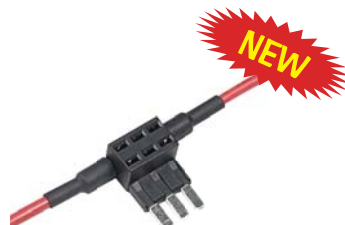


Part Number	IFH-009
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	14 ~ 18 AWG
Characteristic	Add-A-Circuit Type

### For ASW Micro-3 Blade Type Fuses



Part Number	IFH-011
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	14 ~ 18 AWG
Characteristic	Add-A-Circuit Type



Part Number	IFH-014
Max. Current	20A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Housing Material	Nylon
Compatible wiring	14 ~ 18 AWG
Characteristic	Add-2-Circuit Type

### For JCASE Fuse (AFX & AFY)



Part Number	IFH
Max. Current	60A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Maximum Operating Temperature Range	-40°C ~ +125°C
Max. Voltage	58 VDC
Cable Insulation	UL105°C / GXL 125°C
Characteristic	For High Amp Circuit

## Panel Mount Fuse Holders

- Provide easy access for fuse replacement
- Flame retarding UL 94 V0 thermoplastic material
- Comply with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### For Ø5.2mm Tube Fuses



Part Number	FH-101A
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Screw Knob



Part Number	FH-101B
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Screw Knob



Part Number	FH-105
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Screw Driver Knob



Part Number	FH-107
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Bayonet Knob



Part Number	FH-108
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Cover Type	Screw Knob



Part Number	FH-109
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Cover Type	Bayonet Knob

### For Ø6.3mm Tube Fuses



Part Number	FH-102A
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Screw Knob



Part Number	FH-102B
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Screw Knob



Part Number	FH-106
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Bayonet Knob

## Panel Mount Holders

- Provide easy access for fuse replacement
- Flame retarding UL 94 V0 thermoplastic material
- Complies with EU RoHS & REACH environmental regulation
- Certified by international safety authorities.



### For Ø6.3mm Tube Fuses



Part Number	FH-110
Max. Current	15A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1000 V Min.
Cover Type	Screw Driver Knob



Part Number	FH-103A
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Screw Driver Knob



Part Number	FH-103B
Max. Current	10A 250 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.
Cover Type	Screw Driver Knob

### For Ø10.3mm Tube Fuses



Part Number	FH-111
Max. Current	30A 600 V
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 3000 V Min.
Cover Type	Screw Knob

### For ATP Blade Type Fuses



Part Number	FH-002
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.



Part Number	FH-008
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.

### Specialty Item, Fuse Connector



Part Number	FA-ASP
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.



Part Number	FA-ATP
Max. Current	30A
Insulation Resistance at 500 V DC	100 MΩ Min.
Contact Resistance	5 mΩ at 1A DC
Dielectric strength for 60 seconds	AC 1500 V Min.

### Fuse Current Loop



\* See Page 37 for details



## Fuse Clips

- Provide intallation slot for fuses on circuit boards
- Low cost & low contact resistant
- Comply with EU RoHS & REACH environmental regulation



### For Ø5.2mm Tube Fuse



Part Number	FC-501V
Metal Material	Spring Brass
Thickness (mm)	0.3
Maximum Current	10A

\* Standard Package: 1,000PC/Polybag



Part Number	FC-503V
Metal Material	Spring Brass
Thickness (mm)	0.4
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag



Part Number	FC-505V
Metal Material	Phosphor Bronze
Thickness (mm)	0.4
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag



Part Number	FC-514V
Metal Material	Phosphor Bronze
Thickness (mm)	0.3
Maximum Current	10A

\* Standard Package: 1,000PC/Polybag

### For Ø6.3mm Tube Fuse



Part Number	FC-601V
Metal Material	Spring Brass
Thickness (mm)	0.5
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag

### For Ø10.3mm Tube Fuse



Part Number	FC-216V
Metal Material	Spring Brass
Thickness (mm)	0.7
Maximum Current	30A

\* Standard Package: 1,000PC/Polybag

### For Blade Type Fuse



Part Number	FC-ATP
Metal Material	Spring Brass
Thickness (mm)	0.35
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag

\* For ATP Standard Blade Fuse

\* Vertical fuse insertion



Part Number	FC-ATP-H
Metal Material	Spring Brass
Thickness (mm)	0.35
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag

\* For ATP Standard Blade Fuse

\* Horizontal fuse insertion



Part Number	FC-ASP
Metal Material	Spring Brass
Thickness (mm)	0.3
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag

\* For ASP Mini Blade Fuse

\* Vertical fuse insertion



Part Number	FC-ASP-H
Metal Material	Spring Brass
Thickness (mm)	0.3
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag

\* For ASP Mini Blade Fuse

\* Horizontal fuse insertion



Part Number	FC-AMP
Metal Material	Spring Brass
Thickness (mm)	0.35
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag

\* For AMP Maxi Blade Fuse

\* Horizontal Fuse Insertion



Part Number	FB-ATP
Metal Material	Spring Brass
Thickness (mm)	0.35
Maximum Current	30A

\* Standard Package: 1,000PC/Polybag

\* For ATP Standard Blade Fuse

\* Vertical fuse insertion



Part Number	FC-ATP-A
Metal Material	Spring Brass
Thickness (mm)	0.35
Maximum Current	30A

\* Standard Package: 1,000PC/Polybag

\* For ATP Standard Blade Fuse

\* Vertical fuse insertion



Part Number	FB-ASP
Metal Material	Spring Brass
Thickness (mm)	0.3
Maximum Current	15A

\* Standard Package: 1,000PC/Polybag

\* For ASP Mini Blade Fuse

\* Vertical fuse insertion

## Fuse Blocks

- Provide easy access for fuse replacement
- Low cost & low contact resistant
- Comply with EU RoHS & REACH environmental regulation



### For Ø5.2mm Tube Fuse



Part Number	FB-501H
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-501V
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-502H
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-502V
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-505V
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.

\* FB-505V is holder only  
\* FB-505C is holder & Cover set



Part Number	FB-506V
Max. Current	10A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.

\* FB-506V is holder only  
\* FB-506C is holder & Cover set



Part Number	FB-517V
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.

\* FB-517V is holder only  
\* FB-517C is holder & Cover set

### Special Accessories for Fuse Blocks



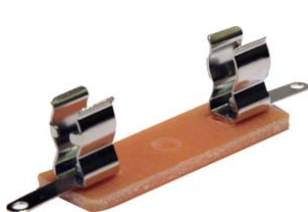
FH-1L Transparent PVC Fuse Cover

## Fuse Blocks

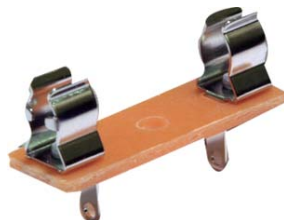
- Provide easy access for fuse replacement
- Low cost & low contact resistant
- Comply with EU RoHS & REACH environmental regulation



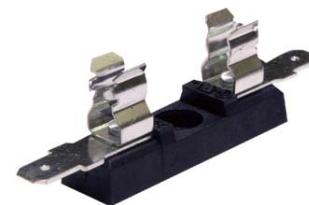
### For Ø6.3mm Tube Fuse



Part Number	FB-601H
Max. Current	10A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-601V
Max. Current	10A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-603H
Max. Current	30A 250V
Insulation Resistance at 500 V DC	500 MΩ Min.
Voltage Drop	15mA Max.
Dielectric strength for 60 seconds	AC 3000 V Min.
Insertion & Extraction Force	1.5 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-603V
Max. Current	30A 250V
Insulation Resistance at 500 V DC	500 MΩ Min.
Voltage Drop	15mA Max.
Dielectric strength for 60 seconds	AC 3000 V Min.
Insertion & Extraction Force	1.5 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-605V
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



Part Number	FB-606V
Max. Current	6.3A 250V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	50°C Max.



\* FB-605V is holder only  
\* FB-605C is holder & Cover set

\* FB-606V is holder only  
\* FB-606C is holder & Cover set

### For Ø10.3mm Tube Fuse



Part Number	FB-M031PQ
Max. Current	30A 600V
Insulation Resistance at 500 V DC	100 MΩ Min.
Voltage Drop	20mA Max.
Dielectric strength for 60 seconds	AC 500 V Min.
Insertion & Extraction Force	1 KG. Min.
Temperature Rise	120°C Max.

## Fuse Blocks

- Provide easy access for fuse replacement
- Low cost & low contact resistant
- Comply with EU RoHS & REACH environmental regulation



### For ANL Bolt Down Fuse



Part Number	FH-902
Max. Current	250A
Insulation Resistance at 500 V DC	100 MΩ Min.
Mounting Terminal	M8 threaded stud
Wiring	#2-8 AWG
Cover	Transparent Cover

\* FH-902N for Nickle plated stud

\* FH-902G for Gold plated stud



Part Number	FH-903
Max. Current	250A
Insulation Resistance at 500 V DC	100 MΩ Min.
Mounting Terminal	M8 threaded stud
Wiring	#2-8 AWG
Cover	None

\* FH-903N for Nickle plated stud

\* FH-903G for Gold plated stud

### For ANM (MEGA) Bolt Down Fuse



Part Number	FH-904
Max. Current	250A
Insulation Resistance at 500 V DC	100 MΩ Min.
Mounting Terminal	M8 threaded stud
Wiring	#2-8 AWG
Cover	Transparent Cover

\* FH-904N for Nickle plated stud

\* FH-904G for Gold plated stud



Part Number	FH-905
Max. Current	250A
Insulation Resistance at 500 V DC	100 MΩ Min.
Mounting Terminal	M8 threaded stud
Wiring	#2-8 AWG
Cover	None

\* FH-905N for Nickle plated stud

\* FH-905G for Gold plated stud

### For ANS (MIDI) Bolt Down Fuse



Part Number	FB-ANS
Max. Current	80A
Insulation Resistance at 500 V DC	100 MΩ Min.
Mounting Terminal	M5 threaded stud
Wiring	#4-8 AWG
Cover	Cover w/view window





## Fuse Blocks

- Provide easy access for fuse replacement
- Low cost & low contact resistant
- Comply with EU RoHS & REACH environmental regulation



For ATP Blade Type Fuse



Part Number	FB-ATP-06
Max. Current	Output terminal 30A MAX. Input stud 100A MAX
Interchangeable Blade Terminal	Accept standard blade fuse and blade circuit breaker
Positions	1 input; 6 outputs
Material	Black, UL 94V0 thermoplastic



Part Number	FB-ATP-08
Max. Current	Output terminal 30A MAX. Input stud 100A MAX
Interchangeable Blade Terminal	Accept standard blade fuse and blade circuit breaker
Positions	1 input; 8 outputs
Material	Black, UL 94V0 thermoplastic



Part Number	FB-ATP-10
Max. Current	Output terminal 30A MAX. Input stud 100A MAX
Interchangeable Blade Terminal	Accept standard blade fuse and blade circuit breaker
Positions	1 input; 10 outputs
Material	Black, UL 94V0 thermoplastic



Part Number	FB-ATP-12
Max. Current	Output terminal 30A MAX. Input stud 100A MAX
Interchangeable Blade Terminal	Accept standard blade fuse and blade circuit breaker
Positions	1 input; 12 outputs
Material	Black, UL 94V0 thermoplastic



Part Number	FB-ATP-606
Max. Current	20A MAX
Interchangeable Blade Terminal	Accept standard blade fuse and blade circuit breaker
Positions	6 input; 6 outputs
Material	Black, UL 94V0 thermoplastic
Cover	Transparent PC cover with splash proof rubber seal



Part Number	FH-85685
Max. Current	30A for each port
Insulation Resistance at 500 V DC	100 MΩ Min.
Mounting Hole	M5 stud

## Power Distribution Blocks

- Gold & Nickel plated solid brass power distribution block for high-end audio
- High quality design for use with high current application



### P/N: ANL-1

Use ANL Fuse up to 200A  
Accept up to 1 AWG cable wire  
Clear snap-on dust cover  
Weight: 286g  
Dimension: 102.5 X 61.5 X 35(mm)



### P/N: FB-3428

Accept two AUE (5AG, AGU) fuses  
One 3-way 4AWG input; Two 8AWG output  
Weight: 223g  
Dimension: 101.7 X 51.8 X 32.5(mm)



### P/N: FB-3448

Accept four AUE (5AG, AGU) fuses  
One 3-way 4AWG input; Three 8AWG output  
Weight: 299g  
Dimension: 101.7 X 60.2 X 32(mm)



### P/N: MFB-3428

Accept TWO AMP (MAXI) fuses  
One 3-way 4AWG input; Two 8AWG output  
Weight: 166g  
Dimension: 107.6 X 44 X 28(mm)



### P/N: MFB-3448

Accept Four AMP (MAXI) fuses  
One 3-way 4AWG input; Four 8AWG output  
Weight: 347g  
Dimension: 107.6 X 77.6 X 28(mm)



### P/N: PB-1044

One 1/0 AWG input; Four 4AWG output  
Weight: 430g  
Dimension: 102.4 X 61.5 X 33(mm)



### P/N: PB-1448S

One 4 AWG input; Four 8 AWG output  
Weight: 108g  
Dimension: 68.6 X 25.3 X 24(mm)



### P/N: PB-10268

One 1/0 AWG input; Two 4 AWG outputs; Six 8 AWG output;  
Weight: 405g  
Dimension: 102.4 X 61.5 X 33(mm)



### P/N: 508W

Screw-In Type, Waterproof, fits AUE Fuses  
One 4AWG & 8AWG Wire  
Weight: 69g  
Dimension: 83 x 42 X 33(mm)



### P/N: ANL-W3

Screw-In Type, Waterproof, fits ANL Fuses  
0AWG & 4AWG wire version available  
Weight: 296g  
Dimension: 141.5 x 50 X 41.5(mm)

## Battery Terminal & Ring Connector

- Gold & Nickel plated solid brass battery terminal for high current supply
- High quality design ring connector for use with high current application



### P/N: BT-2700

Screw-In Type

Available in positive & Negative Terminal Models

One 4AWG & Two 8AWG connection

Weight: P:100g; N:103g

Dimension: 50.5 X 43.5 X 16(mm)



### P/N: BT-2900

Available in positive & Negative Terminal Models

One 0AWG & One 4AWG; Two 8AWG connection

Weight: P:170g; N:172g

Dimension: 53 X 48.6 X 21.6(mm)



### P/N: BT-3000

Screw-In Type

Available in positive & Negative Terminal Models

One 0AWG & One 4AWG; Two 8AWG connection

Weight: P:239g; N:245g

Dimension: 61 X 60 X 25.5(mm)



### P/N: CBT-0710A

Available in positive & Negative Terminal Models

One 4AWG & Two 8AWG connection; 4 Allen screw

Weight: P:90.7g; N:93g

Dimension: 50 X 47 X 16(mm)



### P/N: CBTL-0710A

Available in positive & Negative Terminal Models

One 0AWG & Two 8AWG connection; 4 Allen screw

Weight: P:125.7g; N:131.3g

Dimension: 56 X 47 X 20(mm)



### P/N: BTC2-0

5/16" Ring Terminal

Fits 1/0AWG cable wire

Weight: 42.5g

Dimension: 40 x 20(mm)



### P/N: BTC2-4

5/16" Ring Terminal

Fits 4AWG cable wire

Weight: 27g

Dimension: 34.7 x 16(mm)



### P/N: BTC2-8

5/16" Ring Terminal

Fits 4AWG cable wire

Weight: 14g

Dimension: 31 x 12(mm)



### P/N: BTC2W-0

Screw-In Type

5/16" Ring Terminal

Fits 1/0AWG cable wire

Weight: 44g

Dimension: 44.5 x 22(mm)



### P/N: BTC2W-4

Screw-In Type

5/16" Ring Terminal

Fits 4AWG cable wire

Weight: 28.5g

Dimension: 40 x 16(mm)



### P/N: BTC2W-8

Screw-In Type

5/16" Ring Terminal

Fits 4AWG cable wire

Weight: 16g

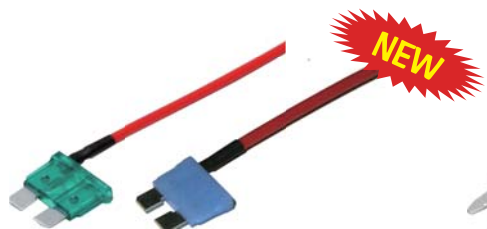
Dimension: 36 x 12(mm)

## Specialty Products

- Special products for automotive aftermarket
- Comply with EU RoHS & REACH environmental regulation

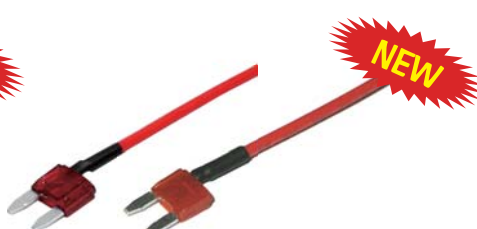


### Automotive blade fuse with break out wire



Series Part Number:	ATP-A (non-LED version) ATP-AL (Intelligent Fuse version)
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Transparent Thermoplastic, PA 66 (for Intelligent Fuse version)
Extension Power Supply:	10A max w/#16AWG wire
Wire Length:	6 inch, custom length available
Wire Terminal:	Untreated

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ASP-A (non-LED version) ASP-AL (Intelligent Fuse version)
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Transparent Thermoplastic, PA 66 (for Intelligent Fuse version)
Extension Power Supply:	10A MAX w/#16AWG wire
Wire Length:	6 inch, custom length available
Wire Terminal:	Untreated

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ASM-A (non-LED version) ASM-AL (Intelligent Fuse version)
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Transparent Thermoplastic, PA 66 (for Intelligent Fuse version)
Extension Power Supply:	10A MAX w/#16AWG wire
Wire Length:	6 inch, custom length available
Wire Terminal:	Untreated

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ATP-B
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Transparent Thermoplastic
Extension Circuit Fuse:	5A & 10A
Extension Fuse Type:	Glass Tube Fuse
Wire Length:	12 inch, custom length available
Wire Terminal:	Female Bullet Quick Connect

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ASP-B
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Transparent Thermoplastic
Extension Circuit Fuse:	5A & 10A
Extension Fuse Type:	Glass Tube Fuse
Wire Length:	12 inch, custom length available
Wire Terminal:	Female Bullet Quick Connect

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ASM-B
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Transparent Thermoplastic
Extension Circuit Fuse:	5A & 10A
Extension Fuse Type:	Glass Tube Fuse
Wire Length:	12 inch, custom length available
Wire Terminal:	Female Bullet Quick Connect

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ATP-C
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Thermoplastic
Extension Circuit Fuse:	5A ~ 10A
Extension Fuse Type:	ATP Standard Blade Fuse
Wire Length:	12 inch, custom length available
Wire Terminal:	Female Bullet Quick Connect

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ASP-C
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Thermoplastic
Extension Circuit Fuse:	5A ~ 10A
Extension Fuse Type:	ASP Mini Blade Fuse
Wire Length:	12 inch, custom length available
Wire Terminal:	Female Bullet Quick Connect

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



Series Part Number:	ASM-C
Available Rating:	7.5A ~ 30A
Voltage Rating:	32 VDC
Housing Material:	Thermoplastic
Extension Circuit Fuse:	5A ~ 10A
Extension Fuse Type:	ASM Micro Blade Fuse
Wire Length:	12 inch, custom length available
Wire Terminal:	Female Bullet Quick Connect

\* OEM Package: 500 PC/Polybag  
\* Export Packaging: 2,000 PC/Carton  
\* Retail package available



## Fuse Accessories

- Convenient tools for installing and testing fuses
- Complies with EU RoHS & REACH environmental regulation



### FT-1 Combination Fuse Tester/Puller

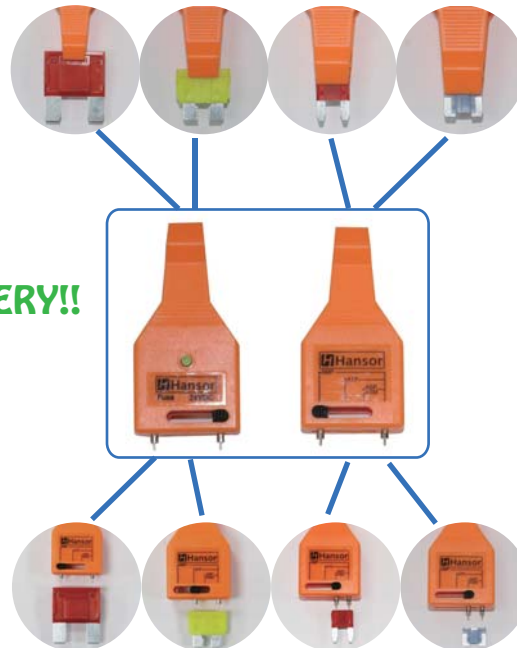
#### Fuse Puller Function

Use the Puller to pull out blown fuse

#### NEW DESIGN WITH REPLACEABLE BATTERY!!

#### Fuse Tester Function

Use the Tester to identify the blown fuse.  
If the green LED lights up, the fuse is good. If the green LED does not light up, the fuse is blown and needs to be replaced



**Hansor AMP**  
Littelfuse MAXI  
Bussmann MAX

**Hansor ATP**  
Littelfuse ATD  
Bussmann ATC

**Hansor ASP**  
Littelfuse MINI  
Bussmann ATM

**Hansor ASM**  
Littelfuse Low Profile MINI  
Bussmann ATM-LP



- \* Designed to identify blown fuse in fuse panel or fuse box
- \* Fuse tester can be used on different size fuses by sliding the test probe to the appropriate position of the fuse being tested
- \* Green LED lights when fuse is good



#### P/N: FT-2

Circuit Tester Pen/wire set  
Design to for fuse diagnostic in hard to reach places  
Suitable for voltage between 6V DC ~ 24 V DC



#### P/N: FP-1

Pulls and installs both glass type fuses and ATP Blade fuses  
Durable single piece design is convenient for fuse removal and replacement  
Made of hard durable plastic



#### P/N: FP-2

Pulls and installs both glass type fuses and ATP Blade fuses  
Durable single piece design is convenient for fuse removal and replacement  
Made of hard durable plastic



#### P/N: FP-3

Pulls and install ASP Blade Fuses  
Durable single piece design with added protective casing to avoid pulling adjacent fuse  
Made of hard durable plastic



#### P/N: FP-4

Pulls and install ATP, ASP, ASM blade type fuses  
Durable single piece design  
Made of hard durable plastic



#### P/N: FP-5

Pulls and install AMP, ATP, ASP, ASM, ASB blade type fuses  
Durable single piece design  
Made of hard durable plastic



## Retail Assortment & Accessories Pack

- Conveniently packaged fuse assortments for automotive aftermarket
- Standard ready-to-sell branded package design for visual presentation
- All fuses meet SAE safety regulation standards
- Customized packaging available upon request.



Part Number	051100
Content	Intelligent Fuse ATP-L 10A, 15A, 20A, 25A, 30A 1PC each



Part Number	052100
Content	Intelligent Fuse ASP-L 10A, 15A, 20A, 25A, 30A 1PC each



Part Number	055100
Content	Intelligent Fuse ASM-L 10A, 15A, 20A, 25A, 30A 1PC each



Part Number	054100
Content	Intelligent Fuse ASB-L 10A, 15A, 20A, 25A, 30A 1PC each



Part Number	311100
Content	Intelligent Fuse ATP-L 5A, 10A, 15A, 20A, 25A, 30A 7PC each; 1PC Fuse Puller



Part Number	312100
Content	Intelligent Fuse ASP-L 5A, 10A, 15A, 20A, 25A, 30A 6PC each; 1PC Fuse Puller



Part Number	315100
Content	Intelligent Fuse ASM-L 5A, 10A, 15A, 20A, 25A, 30A 6PC each; 1PC Fuse Puller



Part Number	314100
Content	Intelligent Fuse ASB-L 5A, 10A, 15A, 20A, 25A, 30A 6PC each; 1PC Fuse Puller



Part Number	301100
Content	Intelligent Fuse ATP-L 5A, 10A, 15A, 20A, 25A, 30A 5PC each



Part Number	302100
Content	Intelligent Fuse ASP-L 5A, 10A, 15A, 20A, 25A, 30A 5PC each



Part Number	305100
Content	Intelligent Fuse ASM-L 5A, 10A, 15A, 20A, 25A, 30A 5PC each



Part Number	304100
Content	Intelligent Fuse ASB-L 5A, 10A, 15A, 20A, 25A, 30A 5PC each

**Customized Intelligent Fuse assortment package is available.  
Please contact our sales representatives for further details.**



## Retail Assortment & Accessories Pack

- Conveniently packaged fuse assortments for automotive aftermarket
- Standard ready-to-sell branded package design for visual presentation
- All fuses meet SAE safety regulation standards
- Customized packaging available upon request.



<b>Part Number</b>	HP/NO.43
<b>Content</b>	ASP Mini Blade Fuse: 5A, 10A, 15A, 20A, 25A, 30A 7PC each 1PC Multi-Function Fuse Tester/Puller



<b>Part Number</b>	HP/NO.64
<b>Content</b>	ASP Mini Blade Fuse: 2A, 3A, 4A 2PC each; 7.5A 3PC; 5A, 25A 5PC each; 10A, 15A, 20A, 30A 10PC each AMP Big Blade(MAXI) Fuse: 30A 2PC; 40A, 50A 1PC each 1PC Multi-Function Fuse Tester/Puller



<b>Part Number</b>	HP/NO.44
<b>Content</b>	ATP Standard Blade Fuse: 5A, 10A, 15A, 20A, 25A, 30A 7PC each 1PC Multi-Function Fuse Tester/Puller



<b>Part Number</b>	HP/ASP-AFX-EK
<b>Content</b>	ASP Mini Blade Fuse: 10A, 15A, 20A, 25A, 30A 5PC each AFX 20A, 30A, 40A, 50A 1PC each 1PC Multi-Function Fuse Tester/Puller



<b>Part Number</b>	HP/NO.53
<b>Content</b>	ATP Standard Blade Fuse: 10A, 15A, 20A, 10A 10PC each AMP Big Blade(MAXI) Fuse: 30A 2PC; 40A, 50A 1PC each 1PC Multi-Function Fuse Tester/Puller



<b>Part Number</b>	HP/DIA-1
<b>Content</b>	ATP Blade Fuse: 5A, 10A, 15A, 20A, 25A, 30A 1PC each 1PC Multi-Function Fuse Tester/Puller



<b>Part Number</b>	HP/DIA-2
<b>Content</b>	ASP Blade Fuse: 2A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A 1PC each 1PC Multi-Function Fuse Tester/Puller



<b>Part Number</b>	HP/AT-7
<b>Content</b>	ATP Standard Blade Fuse: 5A 10A, 15A, 20A, 25A, 30A 1PC each 1PC Fuse Puller



<b>Part Number</b>	HP/KM-9
<b>Content</b>	ASP Mini Blade Fuse: 2A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A 1PC each 1PC Fuse Puller



<b>Part Number</b>	HP/SM-8
<b>Content</b>	ASM Super Mini Blade Fuse: 5A, 7.5A, 10A, 15A, 20A, 25A, 30A 1PC each 1PC Fuse Puller



<b>Part Number</b>	HP/EK-7
<b>Content</b>	AFE Glass Fuse: 5A, 15A, 30A 1PC each SFE Glass Fuse: 9A, 14A, 20A 1PC each 1PC Fuse Puller

## Retail Assortment & Accessories Pack

- Conveniently packaged fuse assortments for automotive aftermarket
- Standard ready-to-sell branded package design for visual presentation
- All fuses meet SAE safety regulation standards
- Customized packaging available upon request.



Part Number	HP/IFH-001
Content	Transparent in-line fuse holder for Intelligent Fuse ATP-L series



Part Number	HP/IFH-002
Content	Transparent in-line fuse holder for Intelligent Fuse ASP-L series



Part Number	HP/IFH-003
Content	ATP Add-A-Circuit Fuse Holder for ATP fuses



Part Number	HP/IFH-004
Content	ASP Add-A-Circuit Fuse Holder for ASP fuses



Part Number	HP/FH-006WR
Content	Splash proof in-line fuse holder for ATP standard blade type fuse



Part Number	HP/FH-006P
Content	In-line fuse holder with 30A ATP standard blade fuse



Part Number	HP/SFH-001
Content	Splash proof In-line fuse holder for ASP mini blade fuse



Part Number	HP/FH-210-30
Content	In-line fuse holder for Ø6.3mm tube fuse with AFE 30A fuse installed



Part Number	HP/FH-206
Content	In-line fuse holder for 1/4" x 1-1/4" tube fuse



Part Number	HP/FH-85533
Content	Water proof in-line fuse holder for ASP mini blade fuse



Part Number	HP/FH-85685
Content	4 Port junction box, 30A MAX each port



Part Number	HP/15600-06-20
Content	6 Port fuse panel FB-ATP-06, 30A MAX for each slot



## Retail Assortment & Accessories Pack

- Conveniently packaged fuse assortments for automotive aftermarket
- Standard ready-to-sell branded package design for visual presentation
- All fuses meet SAE safety regulation standards
- Customized packaging available upon request.



### Blade Fuse and Fuse Testers 61 Pieces commercial assortment.

Catalog No.	CONTENT
HP/71701	<b>BLADE FUSE ASSORTMENT</b> ATP 5A, 10A, 15A, 20A, 25A, 30A 10PC each FT-1 fuse tester/puller 1PC
HP/71702	<b>MINI BLADE FUSE ASSORTMENT</b> ASP 5A, 10A, 15A, 20A, 25A, 30A 10PC each FT-1 fuse tester/puller 1PC
HP/71703	<b>LOW PROFILE MINI BLADE FUSE ASSORTMENT</b> ASM 5A, 10A, 15A, 20A, 25A, 30A 10PC each FT-1 fuse tester/puller 1PC

### Blade Fuse, JCASE Fuse 80/20/16 Pieces Assortment Kit

Catalog No.	CONTENT
HP/71801	<b>BLADE FUSE ASSORTMENT</b> ATP 3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A, 10PC each
HP/71802	<b>MINI BLADE FUSE ASSORTMENT</b> ASP 3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A, 10PC each
HP/71803	<b>LOW PROFILE MINI BLADE FUSE ASSORTMENT</b> ASM 3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A, 10PC each
HP/71804	<b>MAXI BLADE FUSE ASSORTMENT</b> AMP 20A, 30A, 40A, 50A, 60A, 70A, 80A, 100A 2PC each



### Mixed Commercial Assortment 180/120/20 Pieces Assortment Kit

Catalog No.	CONTENT
HP/72601	<b>BLADE FUSE ASSORTMENT</b> ATP 5A, 10A, 15A, 20A, 25A, 30A 10PC each ASP 5A, 10A, 15A, 20A, 25A, 30A 10PC each ASM 5A, 10A, 15A, 20A, 25A, 30A 10PC each
HP/72602	<b>STANDARD / MINI BLADE FUSE ASSORTMENT</b> ATP 5A, 10A, 15A, 20A, 25A, 30A 10PC each ASP 5A, 10A, 15A, 20A, 25A, 30A 10PC each
HP/72603	<b>LOW PROFILE / MINI BLADE FUSE ASSORTMENT</b> ASP 5A, 10A, 15A, 20A, 25A, 30A 10PC each ASM 5A, 10A, 15A, 20A, 25A, 30A 10PC each
HP/72604	<b>JCASE &amp; LOW PROFILE JCASE FUSE ASSORTMENT</b> AFX 20A, 30A, 40A, 50A, 60A 2PC each AFY 20A, 30A, 40A, 50A, 60A 2PC each
HP/72605	<b>STANDARD / MINI BLADE FUSE ASSORTMENT</b> ATP 2A, 3A, 7.5A, 40A 3PC each; 5A, 25A, 30A 10PC each; 10A, 15A, 20A 20PC each ASP 3A, 7.5A 4PC each; 5A, 25A, 30A 10 PC each; 10A, 15A, 20A 20PC each

### Blade Fuse Assortment 60 Pieces Assortment Kit

Catalog No.	CONTENT
HP/71501	<b>BLADE FUSE ASSORTMENT</b> ATP 5A, 10A, 15A, 20A, 25A, 30A, 10PC each
HP/71502	<b>MINI BLADE FUSE ASSORTMENT</b> ASP 5A, 10A, 15A, 20A, 25A, 30A, 10PC each
HP/71503	<b>LOW PROFILE MINI BLADE FUSE ASSORTMENT</b> ASM 5A, 10A, 15A, 20A, 25A, 30A, 10PC each
HP/71504	<b>MICRO 2 BLADE FUSE ASSORTMENT</b> ASB 5A, 10A, 15A, 20A, 25A, 30A, 10PC each
HP/71505	<b>MICRO 3 BLADE FUSE 24 PIECE ASSORTMENT</b> ASW 5A, 7.5A, 10A, 15A, 6PC each
HP/71506	<b>MICRO 2 and 3 BLADE FUSE 55 PIECE ASSORTMENT</b> ASB 5A, 7.5A, 10A, 15A, 20A, 25A, 30A 5PC each ASW 5A, 7.5A, 10A, 15A, 5PC each

## Retail Assortment & Accessories Pack



### Professional Diagnostic Accessories

#### Short Circuit Diagnostic Kits

##### FEATURES

*Circuit diagnostic kits enable the professional mechanics to troubleshoot short circuit in the vehicle without the need to replace fuse continuously during the troubleshooting process. These diagnostic kits come with various size and current rating of blade type circuit breaker.*

*Mechanics will be able to use the reset button on the circuit breaker during the troubleshooting process to reset instead of replacing a new fuse. Once the short circuit has been identified and fixed, mechanics can put in proper fuse into the fuse box.*

*The included extension cable means you do not need to band down under driver seat to reach the fuse box every time a reset is required. Simply plug the cable into the fuse box and use the appropriate circuit breaker for troubleshoot circuit issues.*



##### ① HP/71006 for Standard Blade Fuse

###### Standard Blade Type Circuit Breaker

5A, 7.5A, 10A, 15A, 20A, 25A, 30A 1PC each  
Extension cable with FA-ATP connector & Holder

##### ② HP/71002 for Mini & Low Profile Mini Blade Fuse

###### Mini Blade Type Circuit Breaker

Mini Blade Type 5A, 7.5A, 10A, 15A, 20A, 25A, 30A 1PC each  
Extension cable with FA-ASP connector & Holder 1PC

##### ③ HP/71003 for Standard, Mini & Low-profile Mini blade fuse

###### Standard & Mini Blade Type Circuit Breaker

Standard Blade Type 5A, 7.5A, 10A, 15A, 20A, 25A, 30A 1PC each  
Mini Blade Type 5A, 7.5A, 10A, 15A, 20A, 25A, 30A 1PC each  
Extension cable with FA-ATP connector & Holder 1PC  
Extension cable with FA-ASP connector & Holder 1PC

### Fuse Current Loop

##### FEATURES

*Hansor's Current Loop provides end user easy testing access when using a current probe to determine the amperage draw through a fused circuit. Maximum testing range is up to 30 Amp.*

*This is the perfect tool for installer who needs to monitor circuit amperage limits.*



##### ① HP/71010 Fuse Current Loop

###### Fuse Current Loop kit

For Standard Blade Fuse , 1PC  
For Mini & Low Profile Mini Blae Fuse, 1PC



## Retail Assortment & Accessories Pack



### Professional Fuse Installer Kits

SKU: HP/737  
Content: 346 pieces

The HANSOR FUSE ASSORTMENT SETS is the most comprehensive circuit protection assortment available to the Installer market. It feature the exact OEM parts used for 4 type blade fuse, fuse links and the new Low Profile blade fuses installed on over 95% of the vehicles on the road today. All come packed inside one compact, portable, organized carrying case. No more wasting valuable shelf space. This professional installer kits include four different modules and can order as replenishment individually. For the detail contents, please see below:



#### ① HP/737-1 Blade fuse



AMP-H 20A, 30A, 40A, 50A, 60A, 2PC EA; 70A, 80A, 1PC EA  
ASP-H 5A, 7.5A, 25A, 30A, 10PC EA; 10A, 15A, 20A, 20PC EA  
ASM-H 5A, 20A, 25A, 5PC EA; 7.5A, 10A, 15A, 30A, 10PC EA

#### ② HP/737-2 Standard blade & JCase fuse



ATP-H 5A, 7.5A, 25A, 40A, 10PC EA; 10A, 15A, 20A, 30A, 25PC EA  
AFX 20A, 30A, 40A, 2PC EA; 50A, 60A, 1PC EA  
AFY 20A, 30A, 40A, 2PC EA; 50A, 60A, 1PC EA

#### ③ HP/737-3 Fuselink



AFH 20A, 30A, 40A, 50A, 60A, 1PC EA  
AFM 30A, 60A, 80A, 100A, 120A, 1PC EA  
AML 30A, 40A, 50A, 60A, 70A, 80A, 100, 120A, 1PC EA  
AMS 30A, 40A, 50A, 60A, 70A, 80A, 100A, 1PC EA

#### ④ HP/737-4 Fuse holder & fuse tester / puller



FH-006WR Inline Fuse Holder for ATP, 2PC  
SFH-001A Inline Fuse Holder for ASP, 2PC  
IFH-001 Add-A-Circuit for ATP Fuse, 1PC  
IFH-002 Add-A-Circuit for ASP Fuse, 1PC  
IFH-005 Add-A-Circuit for ASM Fuse, 1PC  
FT-1 Fuse Tester/Puller for Blade fuse, 1PC  
FT-2 Fuse Puller for ATP Blade fuse, 1PC  
FT-4 Fuse Puller for ASP/ASM/ASB fuse, 1PC

### POG-1 Retail Sales Display Board



This ready to sell product display board is ideal for retail store display.

It has 24 refillable slots for retail packages of Intelligent Fuse and a lighted fuse on top to demonstrate how the Intelligent Fuse work in real life. Contact our agents for details.

### POS Stand For Intelligent Fuse



POS sales display stand for Hansor's Intelligent Fuse is a new design to provide better sales advantage point for these products. The sales stand includes a battery operated active display demo unit. These sales kit also includes the most commonly purchased blade type fuse blister packages for most vehicles.

The POS stand is a reusable display comes loaded with 90 blister cards which can be replenished at any time. For further information, please contact our sales representatives.





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