

Electronics, Electrical and Automotive over 3 decades of experience in Fuse technology. Jenn Feng has the mostly advanced and fully automatic machineries in production line. And continuous investments in R&D and efforts geared towards increasing reliability, you are guaranteed of superior quality and competitively priced items.

We are TS 16949, ISO 9001 and IECQ QC 080000 certified factory located in Tao Yuan Taiwan. We employ a total of 110 workers, including 10 R&D members. We have fully integrated our operations from design to production.

We have over 1000 product models and over 30 registered product patents. Our products are approved by UL, CSA, VDE, PSE, CCC, CQC. Jenn Feng provides OEM services to major international brand fuse manufacturing companies.



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STANDARD >



美國 / 加拿大測試標準 **UL248-14/CSA-C22.2 NO.248.14 STANDARD**

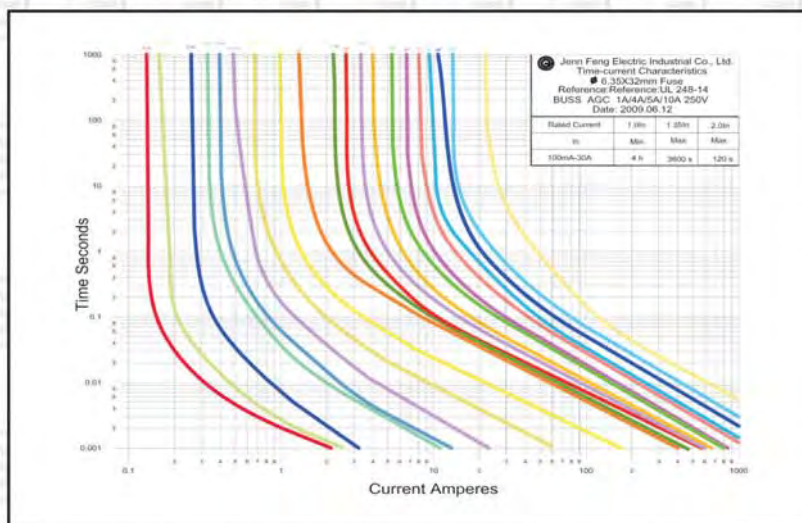
保險絲型式 Fuse Type Miniature Fuse Link	測試電流 Test Current	100% 1.0 In	135% 1.35 In	200% 2.0 In	
	定格電流 Rated Current	Minimum	Maximum	Minimum	Maximum
快速熔斷 5.2x20mm / 6.35x32mm Fast-Acting	100mA-3A	4h	60min		2min
	Above 3A-10A	4h	60min		2min
慢速熔斷 5.2x20mm / 6.35x32mm Time-Delay (Surge-Proof)	100mA-2.8A	4h	60min	5s	2min
	Above 3A-10A	4h	60min	12s	2min

保險絲型式 Fuse Type Micro-Fuse	測試電流 Test Current	100% 1.0 In	200% 2.0 In	
	定格電流 Rated Current	Minimum	Minimum	Maximum
普通熔斷 3.6x10mm Normal-Acting	100mA-3A	4h		1min
	Above 3A-15A	4h		1min
慢速熔斷 3.6x10mm Slow Blow	100mA-15A	4h	1sec	1min

RADIAL LEAD FORMING TABLE

Fuse Type Size	3.6x10mm		5.2x20mm		6.35x30mm		6.35x32mm	
	PR	PP	PR	PP	PR	PP	PR	PP
I (mm)	15	15	25	25	35	35	36	36
II (mm)	15	13	25	22	35	32	36	34



日本電器用品取締法 JIS-C6575-1999 STANDARD

JIS	定格電流對照表				備 考	JIS記號	外型尺寸規格	管部材料	帽蓋材料
記號 Mark	通電容量 Carry Capacity	熔斷電流 Fusing Current	熔斷時間 Pre-Arcing Time			Mark	Dia.xLength mm	Tube Material	Cap Type
NN	130%	200%	30sec	Max	普通熔斷型 Acting Type	51	5.2x20	Glass	End-Cap
NM	110%	135%	1h	Max		52	5.2x20	Glass	Lead-Wire(Pig-Tail)
A種熔斷		200%	2min	Max		60	6.35x30	Glass	End-Cap
NR B種熔斷	130%	160%	1h	Max		61	6.35x31.8	Glass	Lead-Wire(Pig-Tail)
		200%	2min	Max		62	6.35x31.8	Glass	End-Cap
		*2000%	10ms	Min		65	6.35x31.8	Ceramic	End-Cap
						01	10.31x38.1	Glass	End-Cap
						05	10.31x38.1	Ceramic	End-Cap

定格電流 Rated Current	型式承認番號			
	125V		250V	
	筒型	附導線型	筒型	附導線型
1A-5A	JET2149-31003-1001	JET2149-31003-1003	JET2149-31003-1005	JET2149-31003-1007
5A-15A	JET2149-31003-1002	JET2149-31003-1004	JET2149-31003-1006	JET2149-31003-1008
15A-30A			JET2149-31003-1009	JET2149-31003-1010

歐洲測試標準 IEC-127 STANDARD

保險絲型式 Fuse Type	測試電流 Test Current	150% 1.5 In	210% 2.1 In	275% 2.75 In		400% 4.0 In		1000% 10.0 In	
	定額電流 Rated Current	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
快速熔斷IEC-127-2/1 5x20mm Quick-Acting High-Breaking Capacity 高耐壓容量	50mA-4A	1h	30min	10ms	2s	3ms	300ms		20ms
	Above 4A-6.3A	1h	30min	10ms	3s	3ms	300ms		20ms
	Above 6.3A-10A	1h	30min	40ms	20s	10ms	1s		30ms
快速熔斷IEC-127-2/2 5x20mm Quick-Acting Low-Breaking Capacity 低耐壓容量	32mA-100mA	1h	30min	10ms	500ms	3ms	100ms		20ms
	Above 100mA-6.3A	1h	30min	50ms	2s	10ms	300ms		20ms
	Above 6.3A-10A	1h	30min	50ms	2s	10ms	400ms		40ms
慢速熔斷IEC-127-2/3 5x20mm Time-Lag (Surge-Proof) Low-Breaking Capacity 低耐壓容量	32mA-100mA	1h	2min	200ms	10s	40ms	3s	10ms	300ms
	Above 100mA-10A	1h	2min	600ms	10s	150ms	3s	20ms	300ms
快速熔斷IEC-127-2/4 6.35x32mm Quick-Acting Low-Breaking Capacity 低耐壓容量	50mA-100mA	1h	20s	2ms	200ms	1ms	30ms		5ms
	Above 100mA-10A	1h	20s	20ms	1500ms	8ms	400ms		80ms
慢速熔斷IEC-127-2/5 5x20mm Time-Lag (Surge-Proof) High-Breaking Capacity 高耐壓容量	100mA-800mA	1h	30min	250ms	80s	50ms	5s	5ms	150ms
	Above 800mA-3.15A	1h	30min	750ms	80s	95ms	5s	10ms	150ms
	Above 3.15A-10A	1h	30min	750ms	80s	150ms	5s	10ms	150ms
慢速熔斷IEC-127-2/6 5x20mm Time-Lag Enhanced-Breaking Capacity 中耐壓容量	32mA-100mA	1h	2min	200ms	10s	40ms	3s	10ms	300ms
	Above 100mA-10A	1h	2min	600ms	10s	150ms	3s	20ms	300ms



Fast Acting Type - 6.35x32mm**MFA****MFA-PA****Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In
	Min.	Max.	Max.
100mA-30A	4h	3600s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V / 32V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

MFC63**MFC63-PA****Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In
	Min.	Max.	Max.
250mA-30A	4h	3600s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

Fast Acting Type - 5.2x20mm**MFG****MFG-PA****Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In
	Min.	Max.	Max.
100mA-30A	4h	3600s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

MFC52**MFC52-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In	1.35In	2.0In
	Min.	Max.	Max.
100mA-30A	4h	3600s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

Slow Blow Type - 6.35x32mm

MMG63**MMG63-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In		1.35In		2.0In	
	Min.	Max.	Min.	Max.	Min.	Max.
100mA-30A	4h	3600s	3s	120s		

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

MMC63**MMC63-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In		1.35In		2.0In	
	Min.	Max.	Min.	Max.	Min.	Max.
100mA-30A	4h	3600s	3s	120s		

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

Slow Blow Type - 5.2x20mm

MMG52**MMG52-PA**

Electrical Characteristics

Rated Current	1.0In		1.35In		2.0In	
	Min.	Max.	Min.	Max.	Min.	Max.
63mA-30A	4h	3600s	3s	120s		

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

MMC52**MMC52-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In		1.35In		2.0In	
	Min.	Max.	Min.	Max.	Min.	Max.
100mA-30A	4h	3600s	3s	120s		

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN



Time-Delay Type - 6.35x32mm**MSG63****MSG63-PA****Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In	
In	Min.	Max.	Min.	Max.
63mA-3A	4h	3600s	5s	120s
3.5A-30A	4h	3600s	12s	120s

Rated Current : 0.1A – 20A
Voltage Rating : 125V / 250V / 32V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

MSC63**MSC63-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In	1.35In	2.0In	
In	Min.	Max.	Min.	Max.
63mA-3A	4h	3600s	5s	120s
3.5A-30A	4h	3600s	12s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

Time-Delay Type - 5.2x20mm**MSG52****MSG52-PA****Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In	
In	Min.	Max.	Min.	Max.
63mA-3A	4h	3600s	5s	120s
3.15A-30A	4h	3600s	12s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

MSC52**MSC52-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In	1.35In	2.0In	
In	Min.	Max.	Min.	Max.
100mA-3A	4h	3600s	5s	120s
3.15A-30A	4h	3600s	12s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

Fast Acting Type - 3.6x10mm**MFG36****MFG36-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In	2.0In
In	Min.	Max.
0.1A-15A	4h	60s

Rated Current : 0.1A – 15A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag 2000pcs/Box 20000pcs/CTN

MFH**MFH-PA****Electrical Characteristics**

Rated Current	1.0In	2.0In
In	Min.	Max.
0.1A-15A	4h	60s

Rated Current : 0.1A – 15A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag 2000pcs/Box 20000pcs/CTN

Slow Blow Type - 3.6x10mm**MSG36****MSG36-PA**

UL Standard

Electrical Characteristics

Rated Current	1.0In	2.0In
In	Min.	Min. Max.
0.1A-15A	4h	1s 60s

Rated Current : 0.1A – 15A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag 2000pcs/Box 20000pcs/CTN

MFH(NB)**MFH-PA(NB)****Electrical Characteristics**

Rated Current	1.0In	2.0In
In	Min.	Min. Max.
0.1A-15A	4h	1s 60s

Rated Current : 0.1A – 15A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag 2000pcs/Box 20000pcs/CTN



Fast Acting Type - 4.6x14.5mm / 6.35x16mm**MFG46****MFG46-PA****Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In
In	Min.	Max.	Max.
100mA-7A	4h	60min.	120s

Rated Current : 0.1A – 7A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 20000pcs/CTN

MFG16**Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In
In	Min.	Max.	Max.
100mA-30A	4h	3600s	120s

Rated Current : 0.5A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

Fast Acting Type - 6.35x22mm / 6.35x25mm**MFG22**

UL Standard

Electrical Characteristics

Rated Current	1.0In	1.35In	2.0In
In	Min.	Max.	Max.
100mA-30A	4h	3600s	120s

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

MFG25**Electrical Characteristics**

Rated Current	1.0In	1.35In	2.0In
In	Min.	Max.	Max.
100mA-30A	4h	3600s	120s

Rated Current : 0.5A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

Normal Blow Type - 6.35x30mm

JFG63JFG63-PA

Electrical Characteristics

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

JFC63JFC63-PA

Electrical Characteristics

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

Normal Blow Type - 5.2x20mm

JFG52JFG52-PA

Electrical Characteristics

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

JFC52JFC52-PA

Electrical Characteristics

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN



Time-Lag Type - 6.35x30mm

JTG63**JTG63-PA****Electrical Characteristics**

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

JTC63**JTC63-PA****Electrical Characteristics**

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

500pcs/bag/Box 5000pcs/CTN

Time-Lag Type - 5.2x20mm

JTG52**JTG52-PA****Electrical Characteristics**

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

JTC52**JTC52-PA****Electrical Characteristics**

Rated Current	1.3In	1.6In	2.0In
In	Min.	Max.	Max.
100mA-30A	90min.	60min.	2min.

Rated Current : 0.1A – 30A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Operating Temperature

-55°C to +125°C

Packaging (In Bulk)

1000pcs/bag/Box 10000pcs/CTN

Quick Acting Type - 6.35x32mm

GFG63



GFG63-PA



IEC-127 Standard

Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In		4In		10In
In	Min.	Max.	Min.	Max.	Min.	Max.	Max.
50mA-100mA	1h	20s	2ms	200ms	1ms	30ms	5ms
Above 100mA-10A	1h	20s	20ms	1500ms	8ms	400ms	80ms

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
500pcs/bag/Box 5000pcs/CTN

GFC63



GFC63-PA



Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In		4In	10In	
In	Min.	Max.	Min.	Max.	Min.	Max.	Max.
32mA-100mA	1 h	60min.	70ms	5 s	10ms	150ms	100ms
Above 100mA-6.3A	1 h	60min.	150ms	5 s	20ms	500ms	100ms

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
500pcs/bag/Box 5000pcs/CTN

Quick Acting Type - 5.2x20mm

GFG52



GFG52-PA



IEC-127 Standard

Electrical Characteristics

Rated Current	1.5In		2.1In		2.75In		4In		10In	
In	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
32mA-100mA	1h	30min.	10ms	500ms	3ms	100ms	20ms			
Above 100mA-6.3A	1h	30min.	50ms	2s	10ms	300ms	20ms			
Above 6.3A-10A	1h	30min.	50ms	2s	10ms	400ms	40ms			

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

Material

Body : Glass Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
1000pcs/bag/Box 10000pcs/CTN

GFC52



GFC52-PA



IEC-127 Standard

Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In	4In	10In		
In	Min.	Max.	Min.	Max.	Min.	Max.	Max.
50mA-4A	1h	30min.	10ms	2s	3ms	300ms	20ms
Above 4A-6.3A	1h	30min.	10ms	3s	3ms	300ms	20ms
Above 6.3A-10A	1h	30min.	40ms	20s	10ms	1s	30ms

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

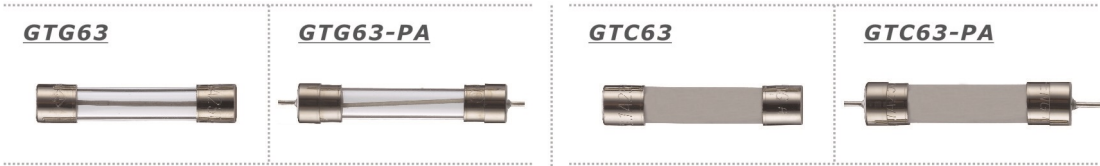
Material

Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
1000pcs/bag/Box 10000pcs/CTN



Time-Lag Type -6.35x32mm



Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In		4In		10In	
In	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
32mA-100mA	1h	2min.	200ms	10s	40ms	3s	10ms	300ms
Above 100mA-10A	1h	2min.	600ms	10s	150ms	3s	20ms	300ms

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

Material
Body : Glass Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
500pcs/bag/Box 5000pcs/CTN

Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In	4In	10In			
In	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
32mA-100mA	1h	60min.	2s	40s	150ms	4s	5ms	100ms
Above 100mA-6.3A	1h	60min.	3s	50s	400ms	4s	15ms	200ms

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

Material
Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
500pcs/bag/Box 5000pcs/CTN

Time-Lag Type -5.2x20mm



Electrical Characteristics

Rated Current	1.5In		2.1In		2.75In		4In		10In	
In	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
32mA-100mA	1h	2min.	200ms	10s	40ms	3s	10ms	300ms		
Above 100mA-10A	1h	2min.	600ms	10s	150ms	3s	20ms	300ms		

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

Material
Body : Glass Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
1000pcs/bag/Box 10000pcs/CTN

IEC-127 Standard

Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In		4In		10In	
In	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
100mA-800mA	1h	30min.	250ms	80s	50ms	5s	5ms	150ms
Above 800mA-3.15A	1h	30min.	750ms	80s	95ms	5s	10ms	150ms
Above 3.15A-10A	1h	30min.	750ms	80s	150ms	5s	10ms	150ms

Rated Current : 0.1A – 10A
Voltage Rating : 125V / 250V

Material
Body : Ceramic Tube
Caps : Nickel Plated Brass Caps

Packaging (In Bulk)
1000pcs/bag/Box 10000pcs/CTN

Time-Lag Type -3.6x10mm

GTC36GTC36-PA

IEC-127 Standard

**Electrical Characteristics**

Rated Current	2.1In	2.75In		4In		10In	
In	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1A-6.3A	2min.	400ms	10s	150ms	3s	20ms	150ms

Rated Current : 0.25A~6.3A

Voltage Rating : 125V / 250V

Material

Body : Ceramic Tube

Caps : Nickel Plated Brass Caps

Packaging (In Bulk)

1000pcs/bag 2000pcs/Box 20000pcs/CTN

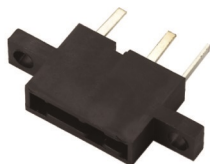
JEF-519 / JEF-520**Waterproof Fuse With Cable****JEF-519 For 5.2 x 20 mm Fuse****JEF-520 For 6.35 x 32 mm Fuse**

These fuses are designed for the protection of electric and Electronic appliances.

Fuse ending are fully insulated and can be directly wired to circuits in confined areas without concern of electrical contact.

Fuse size & electrical characteristics could be chosen per your optional.

Alarm Indicating Fuse & Holder

AHNAFN**Color Code of Alarm Flag**

Ampere Rating	Body Color	Ampere Rating	Body Color
0.18A	Orange-Red	2A	Orange
0.2A	Black-Red	2.5A	White-Orange
0.25A	Violet	3A	Blue
0.33A	Yellow-Green	3.5A	White-Blue
0.375A	White-Green	4A	White-Brown
0.5A	Red	5A	Green
0.65A	Black	7.5A	Black-White
0.75A	Brown	10A	Red-White
1A	Gray	12A	Yellow-Green
1.33A	White	15A	Red-Blue
1.5A	White-Yellow		

Electrical Characteristics

Rated Current	1.0In	1.5In
	Min	Max
0.5A-15A	10min.	5min.



Quick Acting (F) Type

MFP50

UL248-14, CSA-C22.2 No.248.14

Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	1.0In	2.0In
	Min.	Max.
100mA-6.3A	4h	60s

Package & Physical Specification
Packaging

Tape / Ammo-Pack (1000pcs)

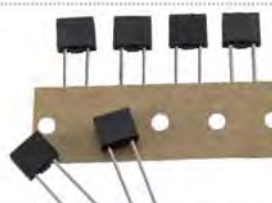
Bulk-Pack (1000pcs)

MaterialsBase / Cap : Black Thermoplastic
Polyamide, UL 94V0

Pin : Copper alloy ,tin plated

Approvals

0.1A~6.3A 125V / 250V

MFP51

UL248-14, CSA-C22.2 No.248.14

Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	1.0In	2.0In
	Min.	Max.
100mA-6.3A	4h	60s

Package & Physical Specification
Packaging

Tape / Ammo-Pack (1000pcs)

Bulk-Pack (1000pcs)

MaterialsBase / Cap : Black Thermoplastic
Polyamide, UL 94V0

Pin : Copper alloy ,tin plated

Approvals

0.1A~6.3A 125V / 250V

Time-Lag (T) Type

MSP50

UL248-14, CSA-C22.2 No.248.14

Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	1.0In	2.0In	
	Min.	Min.	Max.
100mA-6.3A	4h	1s	60s

Package & Physical Specification
Packaging

Tape / Ammo-Pack (1000pcs)

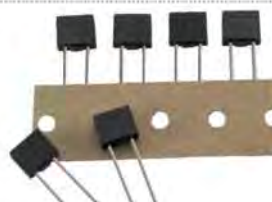
Bulk-Pack (1000pcs)

MaterialsBase / Cap : Black Thermoplastic
Polyamide, UL 94V0

Pin : Copper alloy ,tin plated

Approvals

0.1A~6.3A 125V/250V

MSP51

UL248-14, CSA-C22.2 No.248.14

Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	1.0In	2.0In	
	Min.	Min.	Max.
100mA-6.3A	4h	1s	60s

Package & Physical Specification
Packaging

Tape / Ammo-Pack (1000pcs)

Bulk-Pack (1000pcs)

MaterialsBase / Cap : Black Thermoplastic
Polyamide, UL 94V0

Pin : Copper alloy ,tin plated

Approvals

0.1A~6.3A 125V/250V



Quick Acting (F) Type

GFP50



IEC Standard

Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	2.1In	2.75In	4In	10In
	Max.	Min. Max.	Min. Max.	Max.
50mA-6.3A	30min.	10ms 3s	3ms 300ms	20ms

Package & Physical Specification
Packaging

Tape / Ammo-Pack (1000pcs)
Bulk-Pack (1000pcs)

Materials

Base / Cap : Black Thermoplastic
Polyamide, UL 94V0
Pin : Copper alloy ,tin plated

GFP51



IEC Standard

Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	2.1In	2.75In	4In	10In
	Max.	Min. Max.	Min. Max.	Max.
50mA-6.3A	30min.	10ms 3s	3ms 300ms	20ms

Package & Physical Specification
Packaging

Tape / Ammo-Pack (1000pcs)
Bulk-Pack (1000pcs)

Materials

Base / Cap : Black Thermoplastic
Polyamide, UL 94V0
Pin : Copper alloy ,tin plated

Time-Lag (T) Type

GTP50



Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	2.1In	2.75In	4In	10In
	Max.	Min. Max.	Min. Max.	Min. Max.
40mA-6.3A	2min, 400ms	10s 150ms	3s 20ms	150ms

Package & Physical Specification
Packaging

Tape / Ammo-Pack (1000pcs)
Bulk-Pack (1000pcs)

Materials

Base / Cap : Black Thermoplastic
Polyamide, UL 94V0
Pin : Copper alloy ,tin plated

GTP51



Fuse Rating : 100mA – 6.3A
Electrical Characteristics

Rated Current	2.1In	2.75In	4In	10In
	Max.	Min. Max.	Min. Max.	Min. Max.
40mA-6.3A	2min, 400ms	10s 150ms	3s 20ms	150ms

Package & Physical Specification
Packaging

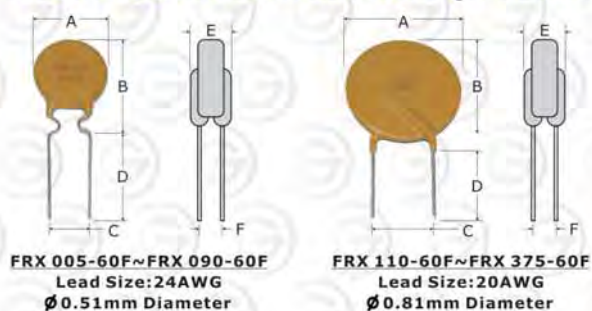
Tape / Ammo-Pack (1000pcs)
Bulk-Pack (1000pcs)

Materials

Base / Cap : Black Thermoplastic
Polyamide, UL 94V0
Pin : Copper alloy ,tin plated



FRX Product Dimensions (Millimeter)

**Application:**

Wide variety of electronic equipment

Product Features:

Low hold current, Solid state

Radial-leaded product ideal for up to 60V

Operation Current: 0.05A~3.75A**Maximum Voltage:** 60V**Temperature Range:** -40°C to 85°C**Soldering Characteristics:**

MIL-STD-202, Method 208E

Insulating coating:

Flame retardant epoxy, meets UL-94V-0 requirement

Lead Material:

FRX005-60F~FRX090-60F Tin plated copper, 24AWG

FRX110-60F~FRX375-60F Tin plated copper, 20AWG

Packaging: In Bulk

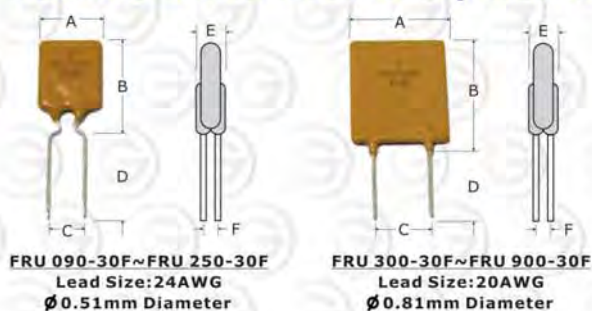
Part Number	A Max.	B Max.	C Typical	D Min.	E Max.	F Typical
FRX005-60F	7.4	12.7	5.1	7.6	3.1	1.1
FRX010-60F	7.4	12.7	5.1	7.6	3.1	1.1
FRX017-60F	7.4	12.7	5.1	7.6	3.1	1.1
FRX020-60F	7.4	12.7	5.1	7.6	3.1	1.1
FRX025-60F	7.4	12.7	5.1	7.6	3.1	1.1
FRX030-60F	7.4	13.0	5.1	7.6	3.1	1.1
FRX040-60F	7.6	13.5	5.1	7.6	3.1	1.1
FRX050-60F	7.9	13.7	5.1	7.6	3.1	1.1
FRX065-60F	9.7	14.5	5.1	7.6	3.1	1.1
FRX075-60F	10.4	15.2	5.1	7.6	3.1	1.1
FRX090-60F	11.7	15.8	5.1	7.6	3.1	1.1
FRX110-60F	13.0	18.0	5.1	7.6	3.1	1.4
FRX135-60F	14.5	19.6	5.1	7.6	3.1	1.4
FRX160-60F	16.3	21.3	5.1	7.6	3.1	1.4
FRX185-60F	17.8	22.9	5.1	7.6	3.1	1.4
FRX250-60F	21.3	26.4	10.2	7.6	3.1	1.4
FRX300-60F	24.9	30.0	10.2	7.6	3.1	1.4
FRX375-60F	28.5	33.5	10.2	7.6	3.1	1.4

Electrical Characteristics (23°C)

Part Number	Hold Current I_H , A	Trip Current I_T , A	Max. Time to Trip at $5 \times I_H$, s	Max. Current I_{MAX} , A	Rated Voltage V_{MAX} , VDC	Typical Power Pd, W	Resistance Tolerance R_{MIN} Ohms	R_{1MAX} Ohms
FRX005-60F	0.05	0.10	5.0	40	60	0.26	7.30	20.0
FRX010-60F	0.10	0.20	4.0	40	60	0.38	2.50	7.50
FRX017-60F	0.17	0.34	3.0	40	60	0.48	2.00	8.00
FRX020-60F	0.20	0.40	2.2	40	60	0.41	1.83	4.40
FRX025-60F	0.25	0.50	2.5	40	60	0.45	1.25	3.00
FRX030-60F	0.30	0.60	3.0	40	60	0.49	0.88	2.10
FRX040-60F	0.40	0.80	3.8	40	60	0.56	0.55	1.29
FRX050-60F	0.50	1.00	4.0	40	60	0.77	0.50	1.17
FRX065-60F	0.65	1.30	5.3	40	60	0.88	0.31	0.72
FRX075-60F	0.75	1.50	6.3	40	60	0.92	0.25	0.60
FRX090-60F	0.90	1.80	7.2	40	60	0.99	0.20	0.47
FRX110-60F	1.10	2.20	8.2	40	60	1.50	0.15	0.38
FRX135-60F	1.35	2.70	9.6	40	60	1.70	0.12	0.30
FRX160-60F	1.60	3.20	11.4	40	60	1.90	0.09	0.22
FRX185-60F	1.85	3.70	12.6	40	60	2.10	0.08	0.19
FRX250-60F	2.50	5.00	15.6	40	60	2.50	0.05	0.13
FRX300-60F	3.00	6.00	19.8	40	60	2.80	0.04	0.10
FRX375-60F	3.75	7.50	24.0	40	60	3.20	0.03	0.08

 I_H = Hold current-maximum current at which the device will not trip at 23°C still air. I_T = Trip Current-minimum current at which the device will always trip at 23°C still air. V_{MAX} = Maximum voltage device can withstand without damage at its rated current. I_{MAX} = Maximum fault current device can withstand without damage at rated voltage (V_{MAX}). P_d = Typical power dissipated from device when in the tripped state in 23°C still air environment. R_{MIN} = Minimum device resistance at 23°C. R_{1MAX} = Maximum device resistance at 23°C, 1 hour after tripping.

FRU Product Dimensions (Millimeter)

**Application:**

Wide variety of electronic equipment

Product Features:

Low resistance, High hold current, Solid state

Radial-leaded product ideal for up to 30V

Operation Current: 0.9A~9.0A

Maximum Voltage: 30V

Temperature Range: -40°C to 85°C

Soldering Characteristics:

MIL-STD-202, Method 208E

Insulating coating:

Flame retardant epoxy, meets UL-94V-0 requirement

Lead Material:

FRU090-30F~FRU250-30F Tin plated copper, 24AWG

FRU300-30F~FRU900-30F Tin plated copper, 20AWG

Packaging: In Bulk

Part Number	A Max.	B Max.	C Typical	D Max.	E Max.	F Typical
FRU090-30F	7.4	12.2	5.1	7.6	3.0	0.9
FRU110-30F	7.4	14.2	5.1	7.6	3.0	0.9
FRU135-30F	8.9	13.5	5.1	7.6	3.0	0.9
FRU160-30F	8.9	15.2	5.1	7.6	3.0	0.9
FRU185-30F	10.2	15.7	5.1	7.6	3.0	0.9
FRU250-30F	11.4	18.3	5.1	7.6	3.0	0.9
FRU300-30F	11.4	17.3	5.1	7.6	3.0	1.2
FRU400-30F	14.0	20.1	5.1	7.6	3.0	1.2
FRU500-30F	14.0	24.9	10.2	7.6	3.0	1.2
FRU600-30F	16.5	24.9	10.2	7.6	3.0	1.2
FRU700-30F	19.1	26.7	10.2	7.6	3.0	1.2
FRU800-30F	21.6	29.2	10.2	7.6	3.0	1.2
FRU900-30F	24.1	29.7	10.2	7.6	3.0	1.2

Electrical Characteristics (23°C)

Part Number	Hold Current	Trip Current	Max. Time to Trip	Max. Current	Rated Voltage	Typical Power	Resistance Tolerance	
	I _H , A	I _T , A	at 5×I _H , s	I _{MAX} , A	V _{MAX} , VDC	P _d , W	R _{MIN} Ohms	R _{1MAX} Ohms
FRU090-30F	0.90	1.80	5.9	40	30	0.6	0.070	0.220
FRU110-30F	1.10	2.20	6.6	40	30	0.7	0.050	0.170
FRU135-30F	1.35	2.70	7.3	40	30	0.8	0.040	0.130
FRU160-30F	1.60	3.20	8.0	40	30	0.9	0.030	0.110
FRU185-30F	1.85	3.70	8.7	40	30	1.0	0.030	0.090
FRU250-30F	2.50	5.00	10.3	40	30	1.2	0.020	0.070
FRU300-30F	3.00	6.00	10.8	40	30	2.0	0.020	0.080
FRU400-30F	4.00	8.00	12.7	40	30	2.5	0.010	0.050
FRU500-30F	5.00	10.00	14.5	40	30	3.0	0.010	0.050
FRU600-30F	6.00	12.00	16.0	40	30	3.5	0.005	0.040
FRU700-30F	7.00	14.00	17.5	40	30	3.8	0.005	0.030
FRU800-30F	8.00	16.00	18.8	40	30	4.0	0.005	0.020
FRU900-30F	9.00	18.00	20.0	40	30	4.2	0.005	0.020

I_H = Hold current-maximum current at which the device will not trip at 23°C still air.

I_T = Trip Current-minimum current at which the device will always trip at 23°C still air.

V_{max} = Maximum voltage device can withstand without damage at its rated current.

I_{max} = Maximum fault current device can withstand without damage at rated voltage (V_{max}).

P_d = Typical power dissipated from device when in the tripped state in 23°C still air environment.

R_{MIN} = Minimum device resistance at 23°C.

R_{1MAX} = Maximum device resistance at 23°C, 1 hour after tripping.



Very Fast-Acting Type PICO® II 251/253 Series

Agency Approvals:    TÜV QPL 

Electrical Characteristics for Series

% of Ampere Rating	Ampere Rating	Opening Time
100%	62mA – 15A	4 hrs Min.
	62mA – 7A	1 sec Max.
200%	10A	3 sec Max.
	12 – 15A	10 sec Max.
275%	500mA, 1A, 2A, 2.5A, 3A, 4A, 5A, 7A, 10A	300 msec Max.
400%	500mA, 1A, 2A, 2.5A, 3A, 4A, 5A, 7A, 10A	30 msec Max.
1000%	500mA, 1A, 2A, 2.5A, 3A, 4A, 5A, 7A, 10A	4 msec Max.

Interrupting Ratings :

0.062A – 10A	300 amperes at 125 VDC
	50 amperes at 125 VAC
12A – 15A	300 amperes at 32 VDC
	50 amperes at 32 VAC

Product Characteristics

Materials :

Encapsulated, Epoxy-Coated
Body - Pure Tin-coated Copper
wire leads

Solderability :

MIL-STD-202, Method 208

Lead Pull Force :

MIL-STD-202, Method 211, Test Condition A
(will withstand a 7lbs. axial pull test)

Fuses to MIL SPEC :

251/253 Series is available in FM10 on QPL for
MIL-PRF-23419. To order, change 251 to 253

Operating Temperature :

-55°C to +125°C

Shock :

MIL-STD-202, Method 213, Test Condition 1
(100G's peak for 6 msec.)

Vibration :

MIL-STD-202, Method 201(10-55Hz); Method 204,
Test Condition C (5 -2000 Hz at 10 G's Peak)

Moisture Resistance :

MIL-STD-202, Method 106

Resistance to Soldering Heat :

Withstands 60 seconds above 200°C and up to 260°C,
maximum

Flammability Rating :

UL 94V-0



Slow Blow Type NANO² SMF 452/454 Series

Agency Approvals:    JET

Electrical Characteristics for Series

% of Ampere Rating	Opening Time at 25°C
100%	4 hrs Min.
200%	1 sec Min. ; 60 sec Max.
300%	0.2 sec Min. ; 3 sec Max.
800%	0.02 sec Min. ; 0.1 sec Max.

Interrupting Ratings :

0.375A - 5A	50 amperes at 125VAC / VDC
	300 amperes at 32VDC
7A	50 amperes at 72VAC / 60VDC



Companion Fuseholder

Product Characteristics

Materials :

Body - Ceramic Terminations - Gold-plated Caps (452) /
Silver-plated Caps (454)

Product Marking :

Brand, Ampere Rating

Operating Temperature :

-55°C to 125°C

Moisture Sensitivity Level :

Level 1, J-STD-020C

Solderability :

MIL-STD-202, Method 208

Insulation Resistance (After Opening) :

MIL-STD-202, Method 302, Test Condition A
(10,000 ohms minimum)

Thermal Shock :

MIL-STD-202, Method 107, Test Condition B, 5 cycles,
-65°C/+125°C, 15 minutes @ each Extreme

Mechanical Shock :

MIL-STD-202, Method 213, Test 1: Deenergized. 100G's
pk amplitude, sawtooth wave 6ms duration, 3 cycles XYZ
+xyz=18 shocks

Vibration :

MIL-STD-202, Method 201:0.03" amplitude, 10-55 Hz
in 1 min. 2hrs each XYZ=6hr

Moisture Resistance :

MIL-STD-202, Method 106, 10 cycles

Salt Spray :

MIL-STD-202, Method 101, Test Condition B (48hrs)

Resistance to Soldering Heat :

MIL-STD-202, Method 210, Test Condition B
(10 sec at 260°C)

Very Fast-Acting Type 466 Series

Agency Approvals:

Electrical Characteristics for Series

% of Ampere Rating	Opening Time at 25 °C
100%	4 hrs Min.
200%	5sec Max.
300%	0.2 sec Max.

Interrupting Ratings :

0.125A – 0.375A 50 amperes at 125 VAC/VDC
0.5A – 2A 50 amperes at 63 VAC/VDC
2.5A – 5A 50 amperes at 32 VAC/VDC

Product Characteristics

Materials :

Body – Advanced High Temperature Substrate

Terminations - 100% Tin over Nickel over Copper

Element cover Coat - Conformal Coating

Operating Temperature :
-55°C to 90°C

Thermal Shock :

Withstands 5 cycles of -55°C to 125°C

Humidity:

MIL-STD-202F, Method 103B Condition D

Vibration :

Per MIL-STD-202F, Method 201A

Insulation Resistance (After Opening) :

Greater than 10,000 ohms

Resistance to Soldering Heat :

MIL-STD-202G, Method 210F, Condition D



0603 Size 467 Series

Agency Approvals:

Electrical Characteristics for Series

% of Ampere Rating	Opening Time at 25 °C
100%	4 hrs Min.
200%	5 sec Max.
300%	0.2 sec Max.

Interrupting Ratings :

0.25A – 1A 50 amperes at 32 VAC/VDC
1.25A – 5A 35 amperes at 32 VAC/VDC

Product Characteristics

Materials :

Body - Advanced High Temperature Substrate

Terminations - 100% Tin over Nickel over Copper

Element Cover Coat - Conformal Coating

Operating Temperature :
-55°C to +90°C

Humidity :

MIL-STD-202F Method 103B Condition D

Thermal Shock :

Withstands 5 cycles of -55°C to 125°C

Vibration :

Per MIL-STD-202F.

Insulation Resistance (After Opening) :

Greater than 10,000 ohms

Resistance to Soldering Heat :

MIL-STD-202G, Method 210F, Condition D



1206 Size 429 Series

Agency Approvals:

Electrical Characteristics for Series

% of Ampere Rating	Opening Time at 25 °C
100%	4 hrs Min.
200%	5sec Max.
300%	0.2 sec Max.

Interrupting Ratings :

7A 35 amperes at 24 VAC/VDC

Product Characteristics

Materials :

Body - Epoxy Substrate

Terminations - 100% Tin over Nickel over Copper

Element Cover Coat - Conformal Coating

Operating Temperature :
-55°C to 90°C

Thermal Shock :

Withstands 5 cycles of -55°C to 125°C

Humidity:

MIL-STD-202F, Method 103B Condition D

Vibration :

Withstands 10-55 Hz per MIL-STD-202F, Method 201A and 10-2000Hz at G's per MIL-STD-202F, Method 204D, Condition D

Insulation Resistance (After Opening) :

Greater than 10,000 ohms

Resistance to Soldering Heat :

MIL-STD-202G, Method 210F, Condition D



Plug-In Fuse

ATS



ATU



ATM



Ampere Rating	ATS	ATU	ATM
Body Color			
Black		1A	
Gray	2A	2A	
Violet	3A	3A	100A
Pink	4A	4A	120A
Tan	5A	5A	70A
Brown	7.5A	7.5A	
Red	10A	10A	50A
Blue	15A	15A	60A
Yellow	20A	20A	20A
Natural	25A	25A	80A
Green	30A	30A	30A
Purple		35A	
Orange		40A	40A

ATS : Mini Blade Type
ATU : Blade Type
ATM : Maxi Blade Type

Voltage Rating : 32V

Packaging (In Bulk)

ATS : 1000pcs / Bag 20000pcs / CTN
ATU : 1000pcs / Bag 10000pcs / CTN
ATM : 100pcs / Bag 2000pcs / CTN

▲Order Guide Code with New Design LED INDICATING
(Order with indicator add part No. with LED
eg: ATU+LED)

Bolt-On Fuse

AFM



AFS



AML



ANL



Material : AFM – PES
 AFS – PC
Voltage Rating : 32V

Packaging (In Bulk)

AFS : 50pcs / Bag 5000pcs / CTN
AFM : 100pcs / Bag 1000pcs / CTN

Ampere Rating	AFS	AFM
Body Color		
30	Orange	
40	Green	
50	Red	
60	Yellow	
70	Brown	
80	Clear	
100	Blue	Yellow
125	Pink	Green
150	Gray	Orange
175		Clear
200	Violet	Blue
225		Tan
250		Pink

AML

Ampere Rating : 35A to 300A
Voltage Rating : 32 Volts DC
Material : Body – Bakelite

Testing Current	Clearing Time
250%	Max. 300s
100%	Min. 4h

ANL

Ampere Rating : 35A to 400A
Voltage Rating : 32 Volts DC
Material : Body – Fr4

Testing Current	Clearing Time
250%	Max. 300s
100%	Min. 4h

Jcase Fuse Link

▲New Design LED INDICATING for all below items.
(Order with indicator add part No. with LED eg: ATP+LED)

ATP**ATL****Material**

Housing : Nylon + Glass Fiber
Cover : PC

Packaging (In Bulk)

50pcs/bag 2000pcs/CTN

Ampere Rating Body Color	ATP	ATL
Light Blue		
Pink		
Light Green		30A
Red	45A	
Yellow		
Light Brown		25A
Black	65A	
Blue		
Gray	75A	
Reddish Brown		

ATF**ATE****Material**

Housing : Nylon + Glass Fiber
Cover : PC

Packaging (In Bulk)

50pcs/bag 2000pcs/CTN

Ampere Rating Body Color	ATF	ATE
Light Blue	20A	20A
Pink	30A	30A
Green	40A	40A
Red	50A	50A
Yellow	60A	60A
Brown	70A	
Black	80A	
Blue		
Gray		
Reddish Brown		

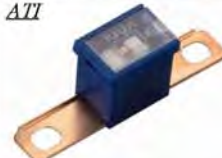
ATH**ATK****Material**

Housing : Nylon + Glass Fiber
Cover : PC

Packaging (In Bulk)

50pcs/bag 2000pcs/CTN

Ampere Rating Body Color	ATH	ATK
Light Blue	20A	20A
Pink	30A	30A
Green	40A	40A
Red	50A	50A
Yellow	60A	60A
Brown	70A	70A
Black	80A	80A
Blue	100A	100A
White		120A
Reddish Brown		140A

ATIS**ATI****Material**

Housing : Nylon + Glass Fiber
Cover : PC

Packaging (In Bulk)

50pcs/bag 2000pcs/CTN

Ampere Rating Body Color	ATI	ATIS
Light Blue	20A	20A
Pink	30A	30A
Green	40A	40A
Red	50A	50A
Yellow	60A	60A
Brown	70A	70A
Black	80A	80A
Blue	100A	100A
White	120A	120A
Reddish Brown	140A	140A



5AG Fuse (AGU)**MFB**

Rated Current : 0.5A – 80A
 Rated Voltage : 32V / DC
 Cap : Brass with Nickel Finished
 Element : Zinc Alloy
 Body : Glass Tube

MFU

Rated Current : 0.5A – 80A
 Rated Voltage : 32V / DC
 Cap : Brass with Gold Finished
 Element : Zinc Alloy
 Body : Glass Tube

MFL

Rated Current : 0.5A – 80A
 Rated Voltage : 32V / DC
 Cap : Brass with Gold Finished
 Element : Zinc Alloy
 Body : Glass Tube

MFE-2/-5/-6

Rated Current : 0.5A – 30A
 Rated Voltage : 250V / 500V / 600V
 Cap : Brass with Nickel Finished
 Element : Silver Alloy
 Body : Ceramic Tube

**▲Order Guide Code with New Design LAMP INDICATING
 (Order with indicator add part No. with L eg: MFU-L)**

Size : 10.3 x 38.1 mm (13/32" x 1-1/2")

Packaging (In Bulk) 50pcs / Box 2000pcs / CTN

Electrical Characteristics (MFB/MFU/MFL)

Rated Current	1.0In	1.35In	2.0In
	Min.	Max.	Max.
0.5A-30A	4h	1h	120s
35A-80A	4h	1h	

Electrical Characteristics (MFE)

Rated Current	1.0In	1.35In	2.0In
	Min.	Max.	Max.
0.5A-8A	4h	1h	5s
10A-30A	4h	1h	10s

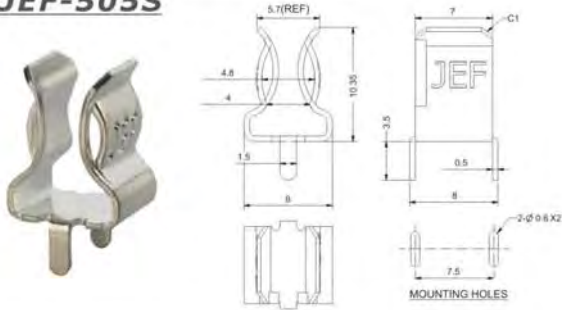
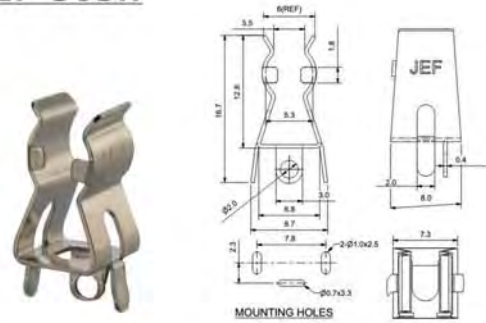
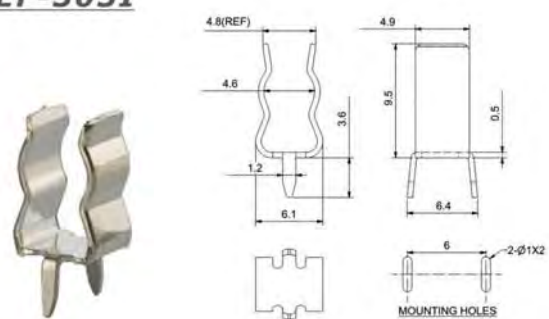
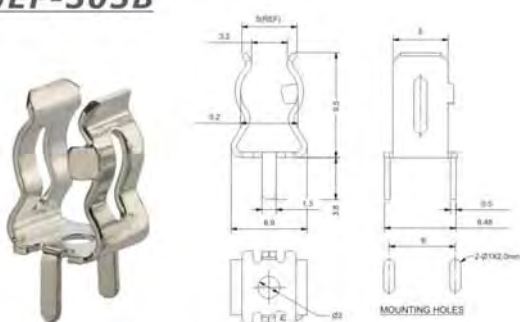
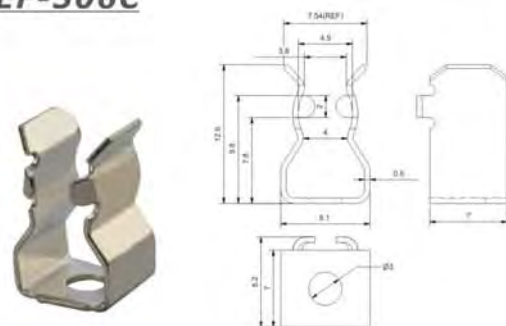
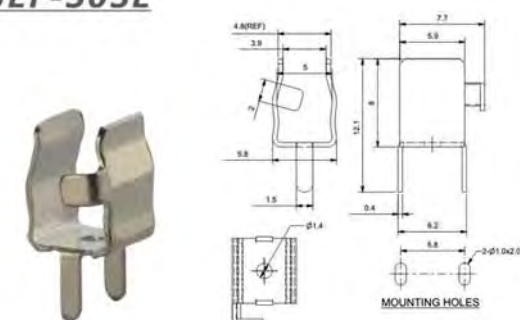
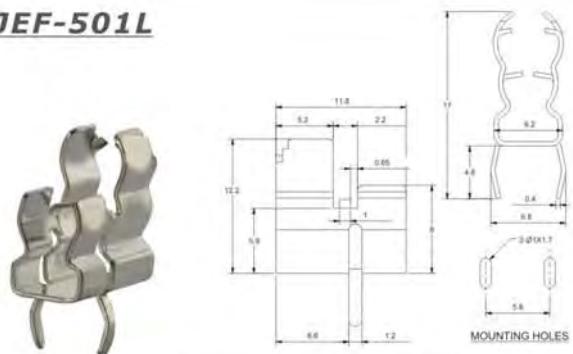
**Circuit Breaker**

Automatic reset type circuit breaker
 Low Voltage : 6 – 24 Volts
 Ampere Rating : 10A to 50A

JEF-539B**JEF-539C****JEF-539S****Fuse Puller**

Fuse Puller and Tester for ATS / ATU Blade Fuse

JEF-P1**JEF-P5**

3AG P.C.B Fuse Clip**Specifications:****Electrical :** Rated for currents up to 15A**Material :** Bronze, Phosphor Bronze**Finished :** Tin-plated or Nickel-plated**JEF-505 / JEF-505P / JEF-505S****JEF-505H****JEF-505A****JEF-505I****JEF-505B****JEF-506C****JEF-505E****JEF-501L**

Multi-Clip for 3AG/5.2x20mm Fuses

Electrical : Rated for currents up to 10A - 15A
Material : Bronze

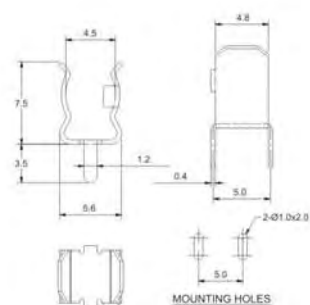
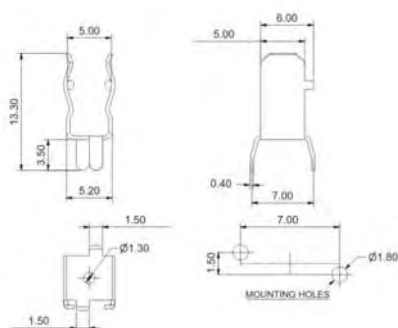
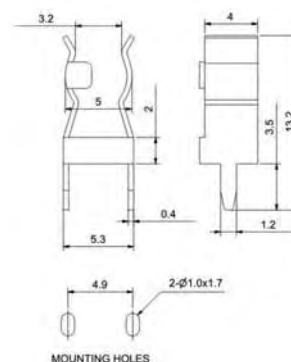
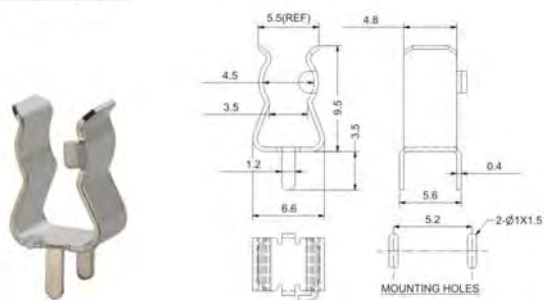
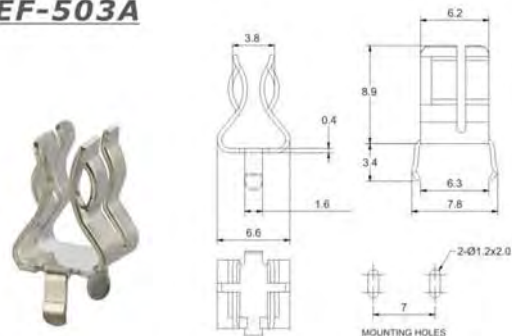
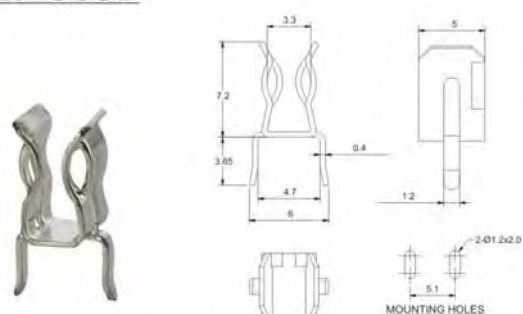
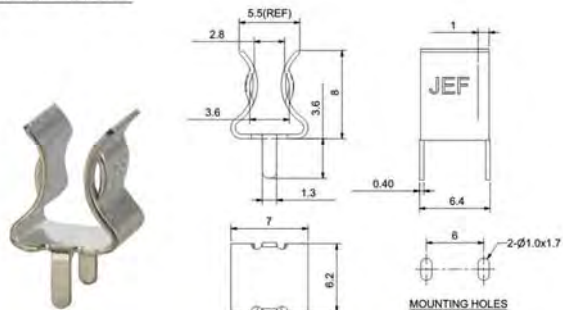
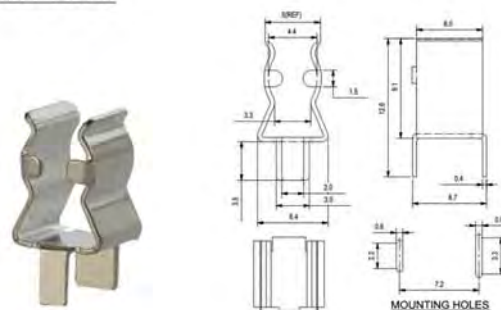
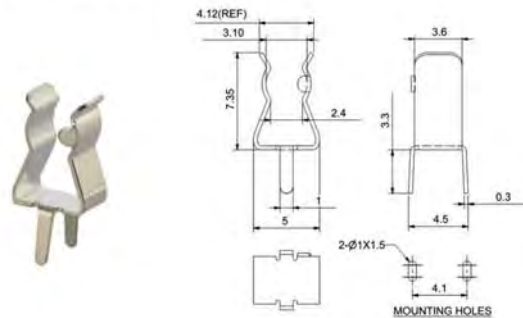
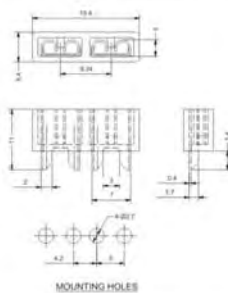


Figure 1 shows the dimensions of the test specimen. The top view is a rectangle with a central circular hole. The dimensions are: total width 12.7 mm, total height 12.7 mm, hole diameter 3.2 mm, and a central rectangular area of 6.35 mm by 6.35 mm. The side view shows a thickness of 3.2 mm. A detail view shows the application of adhesive tape to the side of the specimen, with dimensions 3.2 mm, 4.5 mm, and 0.5 mm.

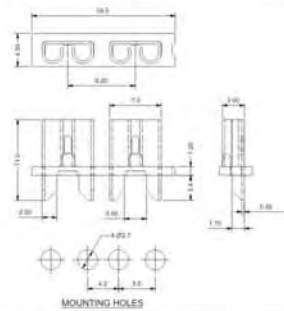
5.2mm P.C.B Fuse Clip**Specifications:****Electrical :** Rated for currents up to 10A**Material :** Bronze**Finished :** Tin-plated or Nickel-plated**JEF-502****JEF-503A****JEF-502B****JEF-503B****JEF-503****JEF-504****3.6x10mm P.C.B. FUSE CLIP****Specifications:****Electrical :** Rated for currents up to 10A**Finished :** Tin-plated or Nickel-plated**Material :** Bronze**JEF-506D**

ATU P.C.B Fuse Clip**Specifications:****Electrical :** Rated for currents 15A – 30A**Material :** Bronze**Finished :** Tin-plated or Nickel-plated**JEF-506A1**

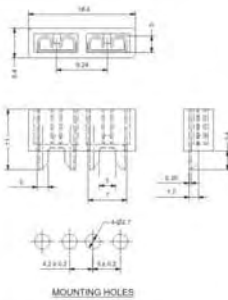
Up to 30A

**JEF-506J(BA)**

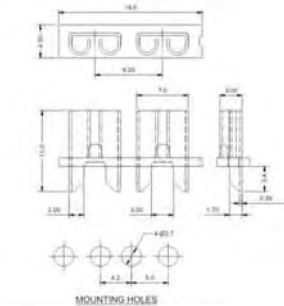
Up to 20A

**JEF-506A2**

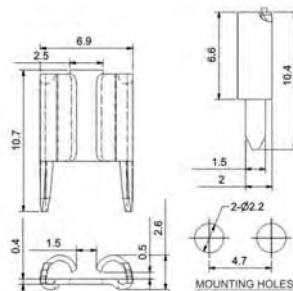
Up to 20A

**JEF-506J(BT)**

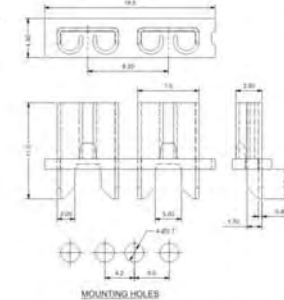
Up to 20A

**JEF-506B**

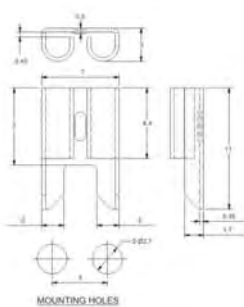
Up to 30A

**JEF-506J(BT)-2**

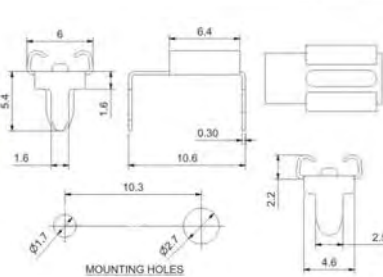
Up to 30A

**JEF-506BA**

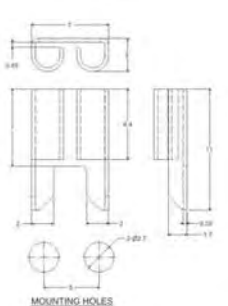
Up to 20A

**JEF-506M**

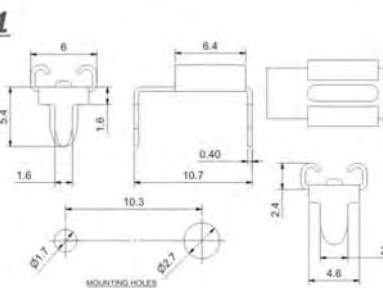
Up to 15A


**JEF-506BT**

Up to 20A

**JEF-506M-1**

Up to 30A



5AG Fuse Block**Specifications:****Electrical :** Rated for currents up to 30A**Clip / Terminals :** Spring Brass, Phosphor Bronze or Beryllium Brass.**Base :** Phenolic Laminate Bakelite**JEF-515****JEF-515A****3AG Fuse Block****Specifications:****Electrical :** Rated for currents up to 10A**Clip / Terminals :** Nickel-Plated or Tin-Plated spring brass.**Base :** Phenolic Laminate + Glass Fiber**JEF-509****JEF-509B****3AG Heavy-Duty Fuse Block with 6.35mm Quick Connect****Specifications:****Electrical Rating:** 25A Max.**Clip / Terminals :** Nickel-Plated or Tin-Plated spring brass.**Base :** Thermoplastic with UL94V-0 flammability ratingApprovals :  US**JEF-511****JEF-511A****JEF-511B****JEF-511C****JEF-511D****JEF-511E****3AG Fuse Block with neon light****Specifications:****Electrical Rating:** 10A Max.**Clip / Terminals :** Nickel-Plated, Ear type.**Base :** Black PC**JEF-512****JEF-512A****JEF-514**

5.2mm Fuse Block P.C.B. Type

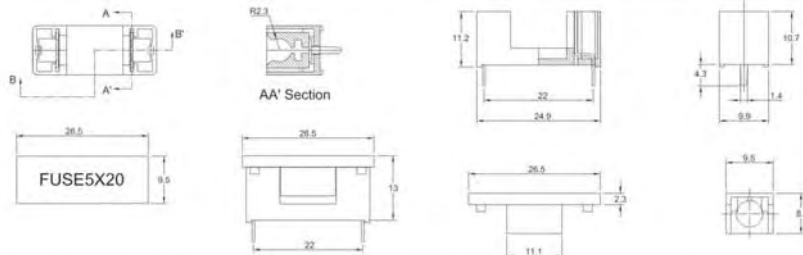
Specifications:

Electrical Rating: 6.3A Max.

Clip / Terminals: Nickel-Plated or Tin-Plated spring brass. Ear type.

Base: Nylon PA66

JEF-507



Specifications:

Electrical Rating: 6.3A Max.

Clip / Terminals: Nickel-Plated or Tin-Plated spring brass. Ear type.

Base: Nylon + Glass Fiber

JEF-510



JEF-510A



JEF-510G



JEF-510K



Specifications:

Electrical Rating: 6.3A Max.

Clip / Terminals: Nickel-Plated or Tin-Plated spring brass. Ear type.

Base: Phenolic Laminate + Glass Fiber

JEF-508



JEF-508A



JEF-508B



JEF-508C



5.2mm Fuse Block (Protection Cap Available)

Specifications:

Electrical Rating: 10A-15A Max.

Clip / Terminals: Tin-Plated spring brass. Ear type.

Base: Phenolic Laminate Bakelite

JEF-517 Up to 10A



JEF-517A Up to 10A



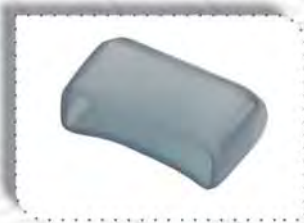
JEF-518 Up to 15A



JEF-518A Up to 15A



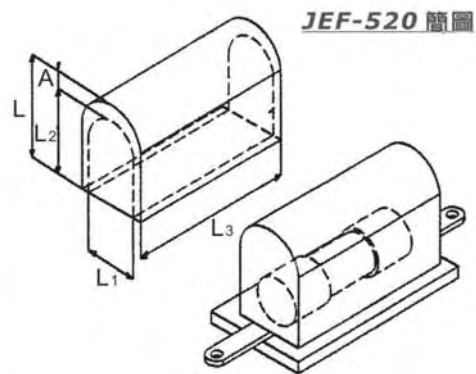
Fuse Block Cover



Material : P.V.C.

Packing unit : 1000pcs / Bag

Item No	L	L1	L2	L3	t
JEF-520A	13.0±1.5	5.6±0.6	11.0±1.5	19.8±1.0	1.2 ^{+0.3} _{-0.2}
JEF-520B	13.0±1.5	6.0±0.8	11.0±1.5	22.0±1.5	1.2±0.2
JEF-520C	13.0 ⁺² _{-1.2}	5.3±0.6	10.0±1.0	18.0±1.0	1.2±0.2
JEF-520D	15.5±1.5	9.5±0.6	13.0±1.0	31.8±1.0	1.3±0.3



JEF-520 簡圖

Power Inlet with 5.2x20mm Fuse Holder



JEF-510B



JEF-510C



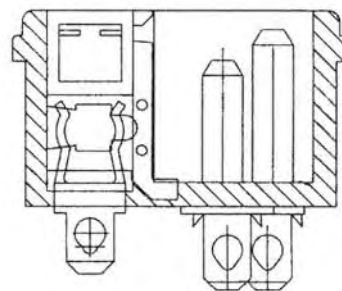
JEF-510D



JEF-510E

Specification :

1. Rating : 10A 250VAC
2. Insulation resistance : DC 500V 100mΩ (min)
3. Dielectric strength : 2000VAC / 1 minute
4. Housing material : Nylon #66 UL94V-2 or 94V-0
5. Safety approvals :



JEF-510 簡圖

5.2mm Terminal Strip Fuse Holders

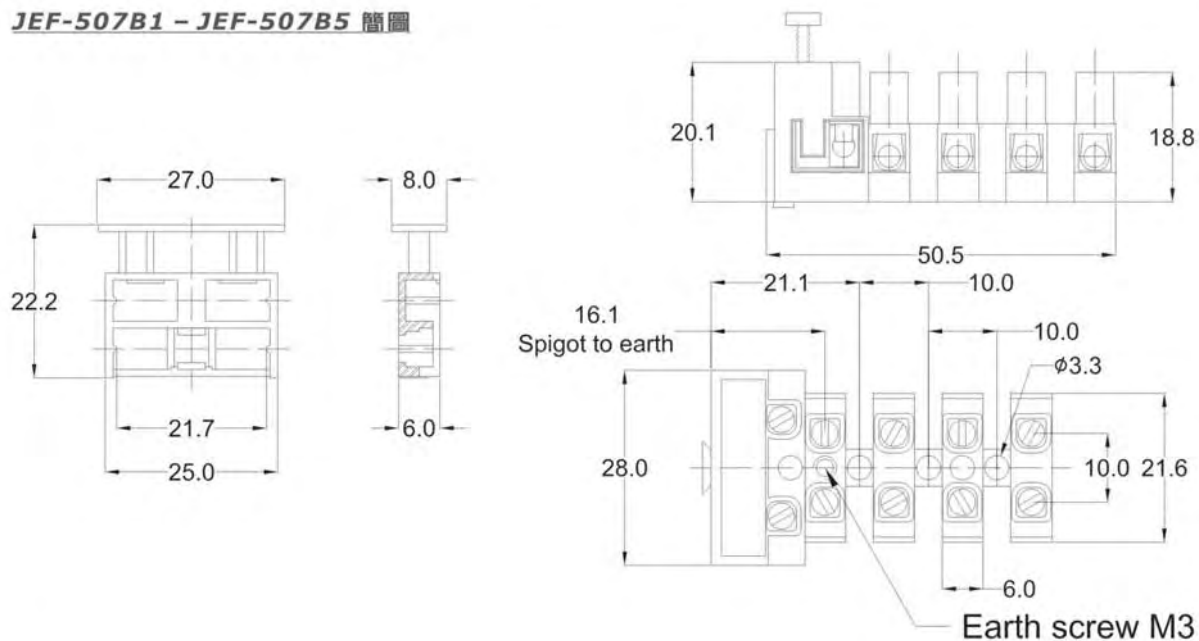
Specification :

- ◆ Voltage Rating : Fuse holder 250V, Terminal 450V
- ◆ Working Temperature : -20°C to 125°C
- ◆ Short Period : 160°C
- ◆ Moulding : UL94-V0 Flame Retardent PA66
- ◆ Terminal : Brass, Nickel plated
- ◆ Wire Protector / Fuse Clip : Phosphor Bronze
- ◆ Fuse Holder : 5 x 20mm Glass or Ceramic
- ◆ Screw : M3 6 μ zinc, colour pasivated & tropicalised

Order Guide :

- ◆ 1pole-JEF-507B1
- ◆ 2pole-JEF-507B2
- ◆ 3pole-JEF-507B3
- ◆ 4pole-JEF-507B4
- ◆ 5pole-JEF-507B5

JEF-507B1 – JEF-507B5 簡圖



JEF-507B3



JEF-507B4



JEF-507B5



Micro Fuse Holder

Fuse Holder for Subminiature Radial Lead Micro Fuse

PH50



Panel Mount 3AG Fuse Holder**JEF-601**

Screw Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : VDE CE

JEF-606C

Screw Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : VDE CE

JEF-602

Screw Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : CE

JEF-608A

Screw Driver Knob
Electrical Rating :
 15A 250V Max.
Insulating Body :
 Thermoplastic
Contact :
 Nickel-plated copper alloy
Approvals : VDE CE

JEF-605A

Screw Driver Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : VDE CE

JEF-613A

Screw Knob
Electrical Rating :
 15A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy

JEF-606A

Screw Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : VDE CE



Panel Mount 5.2mm Fuse Holder

JEF-603

Screw Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : CE

JEF-607

Screw Driver Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Nylon
Contact :
 Nickel-plated copper alloy

JEF-603A

Screw Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : UL, CE

JEF-607A

Screw Driver Knob
Electrical Rating:
 6.3A 250V Max.
Insulating Body :
 Polycarbonate
Contact :
 Nickel-plated copper alloy
Approvals : UL, CE

JEF-603C

Screw Knob
Electrical Rating:
 3A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : UL

JEF-609

Screw Driver Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals : UL, CE

JEF-603D

Screw Knob
Electrical Rating :
 6.3A 250V Max.
Insulating Body :
 Polycarbonate
Contact :
 Nickel-plated copper alloy
Approvals : UL, CE

JEF-609A

Screw Driver Knob
Electrical Rating :
 6.3A 250V Max.
Insulating Body :
 Thermoplastic
Contact :
 Nickel-plated copper alloy
Approvals : UL, CE



Panel Mount 5.2mm Fuse Holder

JEF-609B

Screw Driver Knob
Electrical Rating :
 6.3A 250V Max.
Insulating Body :
 Thermoplastic
Contact :
 Nickel-plated copper alloy
Approvals :

JEF-610A

Bayonet Knob
Electrical Rating :
 6.3A 250V Max.
Insulating Body :
 Thermoplastic
Contact :
 Nickel-plated copper alloy
Approvals :

JEF-609C

Screw Driver Knob
Electrical Rating :
 6.3A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals :

JEF-610C

Bayonet Knob
Electrical Rating :
 6.3A 250V Max.
Insulating Body :
 Thermoplastic
Contact :
 Nickel-plated copper alloy
Approvals :

JEF-610

Bayonet Knob
Electrical Rating :
 10A 250V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals :



Panel Mount 5AG Fuse Holder

JEF-611

Screw Knob
Electrical Rating :
 30A 600V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals :

JEF-615

Screw Knob
Electrical Rating :
 30A 600V Max.
Insulating Body :
 Bakelite
Contact :
 Nickel-plated copper alloy
Approvals :

GBC Fuse Holder**JEF-612**

Electrical Rating :
30A 32V Max.
Insulating Body :
Bakelite
Contact :
Nickel-plated copper alloy

**ATU Plug-In Panel Mount Fuse Holder****Specifications:****Electrical Rating:**30Max.**Housing:**Nylon**Contacts:**Brass**JEF-703C****JEF-703D****JEF-703E****JEF-703E2****JEF-703E2A****JEF-703F****JEF-703FA****JEF-703FL****JEF-703G****JEF-703H****JEF-703H2****JEF-703H-02****JEF-703H-03****JEF-703H-04**

3AG In-Line Fuse Holder**Order Guide :**

- ◆ With Other Wire Size or Lengths Available on Special Order.
- ◆ With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.

JEF-701

**3AG In-Line Fuse Holder
Bayonet Type
Electrical Rating : 30A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
#10 - #18**

JEF-705D

**3AG In-Line Fuse Holder
Screw Type
Electrical Rating : 20A Max.
Insulating Body : Bakelite
Contact : Brass
Available Wire Gauge :
#12 - #22**

JEF-702

**3AG In-Line Fuse Holder
Bayonet Type
Electrical Rating : 20A Max.
Insulating Body : Nylon, PP
Contact : Brass
Available Wire Gauge :
#14 - #24**

JEF-705E

**3AG In-Line Fuse Holder
Screw Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #20**

JEF-704

**3AG In-Line Fuse Holder
Bayonet Type
Electrical Rating : 30A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
#12 - #20**

JEF-706

**3AG In-Line Fuse Holder
Hinged Body Type
Electrical Rating : 20A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
#16 - #20**

JEF-705

**3AG In-Line Fuse Holder
Screw Type
Electrical Rating : 30A Max.
Insulating Body : Bakelite
Contact : Brass
Available Wire Gauge :
#10 - #20**

JEF-706C

**3AG In-Line Fuse Holder
Hinged Body Type
Electrical Rating : 20A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
#16 - #20**

3AG / 5.2mm In-Line Fuse Holder**Order Guide :**

- ◆With Other Wire Size or Lengths Available on Special Order.
- ◆With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.

JEF-706K

**3AG In-Line Fuse Holder
Hinged Body Type
Electrical Rating : 20A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
#16 - #20**

JEF-714

**3AG In-Line Fuse Holder
Screw Type
Electrical Rating : 30A Max.
Insulating Body : Bakelite
Contact : Brass
Available Wire Gauge :
#12 - #20**

JEF-710

**3AG In-Line Fuse Holder
Interlock Type
Electrical Rating : 20A Max.
Insulating Body : PC
Contact : Brass
Available Wire Gauge :
#14 - #20**

JEF-702A

**5.2 x 20mm In-Line Fuse Holder
Bayonet Type
Electrical Rating : 10A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge : #16 - #22**

JEF-711

**3AG In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #20**

JEF-705CN

**5.2 x 20mm In-Line Fuse Holder
Screw Type
Electrical Rating : 10A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
#16 - #22**

JEF-712

**3AG In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 20A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
#16 - #18**

JEF-710A

**5.2 x 20mm In-Line Fuse Holder
Interlock Type
Rated Current : 10A Max.
Insulating Body : PC
Contact : Brass
Available Wire Gauge :
#16 - #22**



5AG In-Line Fuse Holder**Order Guide :**

- ◆With Other Wire Size or Lengths Available on Special Order.
- ◆With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.

JEF-705A

5AG In-Line Fuse Holder
Screw Type
Electrical Rating : 60A Max.
Insulating Body : Bakelite
Contact : Brass
Available Wire Gauge :
 #8 - #12

JEF-522Q

5AG In-Line Fuse Holder
Screw Type
Electrical Rating : 60A Max.
Insulating Body : Nylon with Glass Fiber
Contact : Brass
Available Wire Gauge :
 #8 - #12

Maxi (ATM) Type / ATU In-Line Fuse Holder**Order Guide :**

- ◆With Other Wire Size or Lengths Available on Special Order.
- ◆With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.
- ◆**New Design LED INDICATING for Part No. JEF-709F / JEF-709K / JEF-709H.**
(Order with indicator add Part No. with LED eg: JEF-709F + LED)

JEF-709F

ATM In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 60A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #8 - #10
LED Design upon request

JEF-709K

ATM In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 60A Max.
Insulating Body : PC
Insulating Cover : Rubber
Contact : Brass
Available Wire Gauge :
 #6 - #10
LED Design upon request

JEF-709G

ATM In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 60A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #8 - #10

JEF-709L

ATM In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 60A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #6 - #10

JEF-709H

ATM In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 60A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #8 - #12
LED Design upon request

JEF-703B

ATU In-Line Fuse Holder
Electrical Rating : 20A Max.
Insulating Body : PP(Red/Blue)
Contact : Brass
Available Wire Gauge :
 Red : #18~#22
 Blue : #14~#16

ATU In-Line Fuse Holder

Order Guide :

- ◆With Other Wire Size or Lengths Available on Special Order.
- ◆With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.
- ◆New Design LED INDICATING only for Part No. JEF-708B & JEF-708C. (Order with indicator add Part No. with LED eg: JEF-708B + LED)

JEF-703



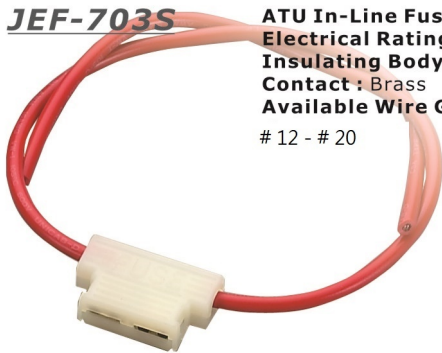
ATU In-Line Fuse Holder
Electrical Rating : 30A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
 #10 - #20

JEF-708



ATU In-Line Fuse Holder
Electrical Rating : 10A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #16 - #20

JEF-703S



ATU In-Line Fuse Holder
Electrical Rating : 30A Max.
Insulating Body : Nylon
Contact : Brass
Available Wire Gauge :
 #12 - #20

JEF-708A



ATU In-Line Fuse Holder
Electrical Rating : 10A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #16 - #20

JEF-707



ATU In-Line Fuse Holder
Electrical Rating: 30A Max.
Insulating Body :
 Black Nylon (U Type)
Contact : Brass
Available Wire Gauge :
 #10 - #20

JEF-708B



ATU In-Line Fuse Holder
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #12 - #16
LED Design upon request

JEF-707C NEW



ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating: 30A Max.
Insulating Body : PC
Contact : Brass
Available Wire Gauge :
 #12

JEF-708C



ATU In-Line Fuse Holder
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
 #12 - #18
LED Design upon request

ATU In-Line Fuse Holder**Order Guide :**

- ◆With Other Wire Size or Lengths Available on Special Order.
- ◆With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.
- ◆New Design LED INDICATING for Part No. JEF-708D only. (Order with indicator add Part No. with LED eg: JEF-708D + LED)

JEF-708D

ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#12 - #20
LED Design upon request

**JEF-709D**

ATU In-Line Fuse Holder
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #20

**JEF-709**

ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #20

**JEF-709E**

ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #20

**JEF-709B**

ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #16

**JEF-709I**

ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #20

**JEF-709B-S**

ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #16

**JEF-709J**

ATU In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge :
#10 - #20



Mini (ATS) Type In-Line Fuse Holder

Order Guide :

- ◆With Other Wire Size or Lengths Available on Special Order.
- ◆With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.
- ◆New Design LED INDICATING for Part No. JEF-709C only. (Order with indicator add Part No. with LED eg: JEF-709C + LED)

JEF-709C



ATS In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge : #12 - #22
LED Design upon request

JEF-709CA



ATS In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PVC
Contact : Brass
Available Wire Gauge : #12 - #20

JEF-709CB



ATS In-Line Fuse Holder
Water Splash proof Type
Electrical Rating : 30A Max.
Insulating Body : PC
Contact : Brass
Available Wire Gauge : #12

ATU / ATS New Designing Type In-Line Fuse Holder

Order Guide :

- ◆With Other Wire Size or Lengths Available on Special Order.
- ◆With "Loop" Type Wires or Simply Cut Loop Into Two Separate Wires of Desired Length Available on Special Order.

ACU



ATU In-Line Fuse Holder
Electrical Rating : 10A Max.
Insulating Body : NYLON
Contact : Brass
Available Wire Gauge : #16

ACS



ATS In-Line Fuse Holder
Electrical Rating : 10A Max.
Insulating Body : NYLON
Contact : Brass
Available Wire Gauge : #16

Fuse Link For Special Purpose

AFM-522



ANL-522



ATI-522



Fuse Blocks**524B+R**

For 5AG

3444
3448
102444
102448**524B+RBD**

For 5AG

3444
3448
102444
102448**AFS-524BA**

For AFS

**526I+R**

For 5AG

1024
1428
3428**526I+RB**

For 5AG

1024
1428
3428**AFS-526I**

For AFS



1024

AFS-526IA

For AFS

**541A**

For ATM

1212
1414**AA-534**

For AFS



1448

AAD-543

For AFS

**ST-CU**

For ATM



1414

**Battery Clamps****527****528****535B****535H****535HV****535RV**

In-Line Fuse Holder

522MV

For ATM



AFS-522J

For AFS



4/8

AFS-522K

For AFS



4/8

Terminal Blocks (Amplifier)

T-534JA



T-534JC



T-534K



T-534L 10# 4P



T-534N 8# 3P



T-534PL (4P)



T-534R 10# (2P)



T-534W 8# (2P)



TA-3PT (3P)



TA-8# DN (2P)



TA-8# DN (4P)



TA-8# DN (8P)



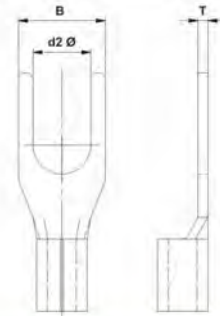
TA-8# DN (12P)



RING



SPADE



ITEM NO.	d2Ø	B	AWG	DINmm ²
R1.25-3S	3.2	5.5	22-18	0.5-1.0
R1.25-3	3.7	5.5		
R1.25-3M	3.7	6.6		
R1.25-4M	4.3	6.6		
R1.25-4	4.3	8.0		
R1.25-5	5.3	8.0		
R1.25-6	6.4	11.6		
R1.25-8	8.4	11.6		
R1.25-10	10.5	13.6		
R1.25-12	13.0	19.0		
R2-3S	3.2	5.5	16-14	1.5-2.5
R2-3	3.7	8.5		
R2-3M	3.7	6.6		
R2-4M	4.3	6.6		
R2-4	4.3	8.5		
R2-5	5.3	9.5		
R2-6	6.4	11.6		
R2-8	8.4	11.6		
R2-10	10.5	13.6		
R2-12	13.0	19.0		
R3.5-4	4.3	8.0	14-12	2.5-4
R3.5-5	5.3	8.0		
R3.5-6	6.4	12.0		
R3.5-8	8.4	15.0		
R3.5-10	10.5	15.0		
R3.5-12	13.0	19.0		
R5.5-4	4.3	9.5	12-10	4-6
R5.5-5	5.3	9.5		
R5.5-6	6.4	12.0		
R5.5-8	8.4	15.0		
R5.5-10	10.5	15.0		
R5.5-12	13.0	19.0		

ITEM NO.	d2Ø	B	AWG	DINmm ²
R8-4NK	4.3	9.0	8	10
R8-5NK	5.3	9.0		
R8-4	4.3	12.0		
R8-5	5.3	12.0		
R8-5S	5.3	9.0		
R8-6	6.4	12.0		
R8-8	8.4	15.0		
R8-10	10.5	15.0		
R8-12	13.0	19.0		
R14-4	4.3	12.0	6	16
R14-5	5.3	12.0		
R14-6	6.4	12.0		
R14-8	8.4	16.5		
R14-10	10.5	16.5		
R14-11	11.5	20.0		
R14-12	13.0	22.0		
R22-5S	5.3	12.0	4	25
R22-6S	6.4	12.0		
R22-8S	8.4	12.0		
R22-5	5.3	16.5		
R22-6	6.4	16.5		
R22-8	8.4	16.5		
R22-10S	10.5	16.5		
R22-10	10.5	17.5		
R22-11	11.5	22.0		
R22-12	13.0	22.0		

ITEM NO.	d2Ø	B	T	AWG	DINmm ²
Y1.25-3S	3.7	5.7	0.8	22-18	0.5-1.0
Y1.25-3	3.7	6.2			
Y1.25-4S	4.3	6.4			
Y1.25-4	4.3	7.2			
Y1.25-5	5.3	8.0			
Y1.25-6	6.4	10.7			
Y2-3S	3.7	5.7	0.8	16-14	1.5-2.5
Y2-3	3.7	6.2			
Y2-4S	4.3	6.4			
Y2-4	4.3	7.2			
Y2-5	5.3	8.0			
Y2-6	6.4	10.7			
Y3.5-3S	3.7	6.4	1.0	14-12	2.5-4.0
Y3.5-3	3.7	7.4			
Y3.5-4S	4.3	7.0			
Y3.5-4	4.3	8.0			
Y3.5-5	5.3	8.0			
Y3.5-6	6.4	10.8			
Y5.5-3S	3.7	7.2	1.0	12-10	4.0-6.0
Y5.5-3	3.7	8.2			
Y5.5-4S	4.3	7.2			
Y5.5-4	4.3	8.2			
Y5.5-5	5.3	9.0			
Y5.5-6	6.4	10.8			
Y8-4	4.3	8.2	1.2	8	10
Y8-5	5.3	9.0			
Y8-6	6.4	12.0			
Y14-5	5.3	12.0	1.5	6	16
Y14-6	6.4	12.0			
Y22-4	4.3	12.0	1.8	4	25
Y22-5	5.3	12.0			
Y22-6	6.4	13.0			
Y22-8	8.4	15.0			

Fuse Kit



Fuseclip Kit



Cable Terminal Kit



Fuseholder Kit

