

## PSF

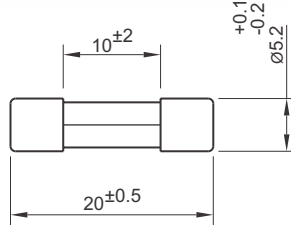
## 5 x 20mm Miniature Glass Fuse Links – Fast Acting

Applicable Standards	IEC 60127-2 Std. Sheet 2
Rated Voltage	250V
Breaking Capacity(AC)	35A or 10 In whichever is greater

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
All	2.1 In	–	30 min
100mA	2.75 In	10ms	500ms
>100mA		50ms	2s
100mA	4.00 In	3ms	100ms
>100mA		10ms	300ms
All	10.00 In	–	20ms

Characteristic Curves available on request



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A	3.15A
4A	5A	6.3A	8A*
10A*			

\* Not covered in IEC.

Approvals : LCSO, CACT, CDOT,

### Ordering Part No.

PSF...mA (In ≤ 800mA) or  
PSF...A (In ≥ 1A)

## PSFC

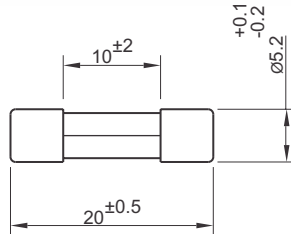
## 5 x 20mm Miniature Ceramic Fuse Links – Fast Acting

Applicable Standards	IEC 60127-2 Std. Sheet 1
Rated Voltage	250V
Breaking Capacity	1500 A when tested with AC

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 6.3A	2.1 In	–	30 min
100mA – 3.15A	2.75 In	10ms	2s
4A – 6.3A	–	10ms	3s
100mA – 6.3A	4.0 In	3ms	300ms
100mA – 6.3A	10.0 In	–	20ms

Characteristic Curves available on request



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A	3.15A
4A	5A	6.3A	

Approvals :

### Ordering Part No.

PSFC...mA (In ≤ 800mA) or  
PSFC...A (In ≥ 1A)

## PST

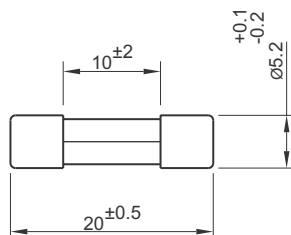
## 5 x 20mm Miniature Glass Fuse Links – Slow Blow

Applicable Standards	IEC 60127-2 Std. Sheet 3
Rated Voltage	250V
Breaking Capacity(AC)	35A or 10 In whichever is greater

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA	2.1 In	–	2 min
>100mA			2 min
100mA	2.75 In	200ms	10s
>100mA		600ms	10s
100mA	4.0 In	40ms	3s
>100mA		150ms	3s
100mA	10.0 In	10ms	300ms
>100mA		20ms	300ms

Characteristic Curves available on request



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A	3.15A
4A	5A	6.3A	8A*
10A*			

\* Not covered in IEC.

Approvals : LCSO, CACT, CDOT,

### Ordering Part No.

PST...mA (In ≤ 800mA) or  
PST...A (In ≥ 1A)

## PSTC

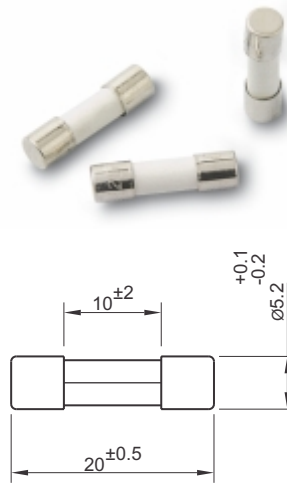
## 5 x 20mm Miniature Ceramic Fuse Links – Slow Blow

Applicable Standards	IEC 60127-2 Std. Sheet 5
Rated Voltage	250V
Breaking Capacity	1500A when tested with AC

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
1A – 6.3A	2.1 In	–	30min
1A – 6.3A	2.75 In	1s	80s
1A – 3.15A	4.0 In	95ms	5s
4A – 6.3A		150ms	5s
1A – 3.15A	10.0 In	10ms	100ms
4A – 6.3A		20ms	100ms

Characteristic Curves available on request



### Current Ratings

1A	1.25A	1.6A	2A
2.5A	3.15A	4A	5A
6.3A			

Approvals : 

### Ordering Part No.

PSTC...A

## PAF

## 6.35 x 32mm Miniature Glass Fuse Links – Fast Acting

Applicable Standards	IEC 60127-2 Std. Sheet 4
Rated Voltage	250V
Breaking Capacity (AC)	35A or 10 In whichever is greater

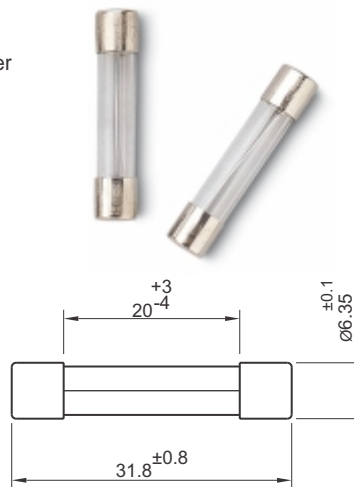
### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
All	2.0 In	–	20s
100mA	2.75 In	2ms	200ms
>100mA		20ms	1500ms
100mA	4.0 In	1ms	30ms
>100mA		8ms	400ms
100mA	10.0 In	–	5ms
>100mA			80ms

Characteristic Curves available on request

\*150V rated voltage according to standard.

\*\* 60V rated voltage according to standard.



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A*	3.15A*
4A*	5A**	6.3A**	8A**
10A**			

### Ordering Part No.

PAF...mA (In ≤ 800mA) or

PAF...A (In ≥ 1A)

## PAFC

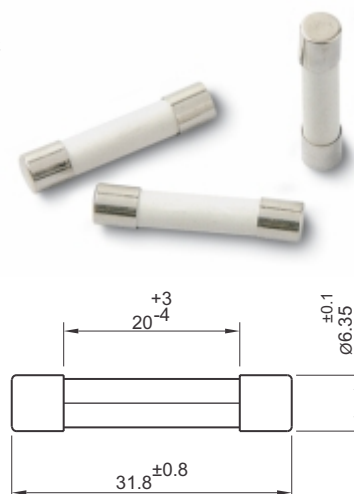
## 6.35 x 32mm Miniature Ceramic Fuse Links – Fast Acting

Rated Voltage	250V
Breaking Capacity	1500A when tested with AC

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 10A	2.1 In	–	60 min
100mA – 4A	2.75 In	70ms	5s
5A – 10A	–	150ms	2s
100mA – 4A	4.0 In	10ms	150ms
5A – 10A		25ms	200ms
100mA – 4A	10.0 In	–	10ms
5A – 10A			20ms

Characteristic Curves available on request



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A	3.15A
4A	5A	6.3A	8A
10A			

### Ordering Part No.

PAFC...mA (In ≤ 800mA) or

PAFC...A (In ≥ 1A)

## PAT

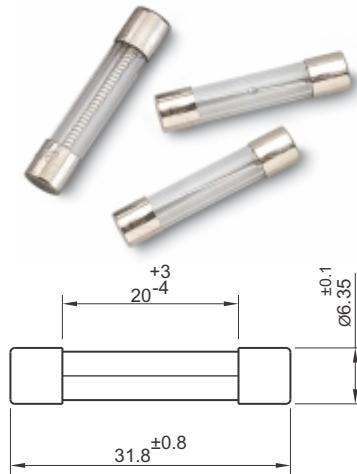
## 6.35 x 32mm Miniature Glass Fuse Links – Slow Blow

Rated Voltage	250V
Breaking Capacity	35A AC or 10 In whichever is greater

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
200mA – 10A	2.1 In	–	120s
200mA – 10A	2.75 In	200ms	10s
200mA – 10A	4.0 In	100ms	3s
200mA – 10A	10.0 In	20ms	300ms

Characteristic Curves available on request



### Current Ratings

200mA	250mA	315mA	400mA
510mA	630mA	800mA	1A
1.25A	1.6A	2A	2.5A
3.15A	4A	5A	6.3A
8A	10A		

### Ordering Part No.

PAT...mA (In ≤ 800mA) or  
PAT...A (In ≥ 1A)

## PATC

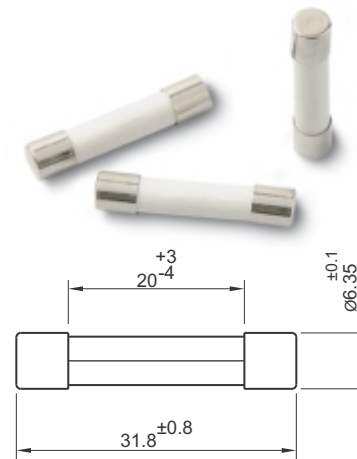
## 6.35 x 32 mm Miniature Ceramic Fuse Links – Slow Blow

Rated Voltage	250V
Breaking Capacity	1500 A when tested with AC

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 10A	2.1 In	–	120s
100mA – 10A	2.75 In	200ms	10s
100mA – 10A	4.0 In	100ms	3s
100mA – 10A	10.0 In	20ms	300ms

Characteristic Curves available on request



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A	3.15A
4A	5A	6.3A	8A
10A			

### Ordering Part No.

PATC...mA (In ≤ 800mA) or  
PATC...A (In ≥ 1A)

## PXF... VU

## 6.35x30mm, Glass Fuse links-Fast acting

Rated Voltage	32V
Breaking Capacity	35A AC or 10 In Whichever is greater

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
7A - 20A	1.1 In	–	2Hrs
7A - 20A	1.35 In	–	180s
7A - 20A	1.5 In	–	15s

Characteristic Curves available on request



### Current Ratings

7A, 7.5A, 10A, 15A, 20A

### Ordering Part No.

PXF...A VU (In ≥ 7A)  
FOR ROHS PXF ...A VU-R

## PXF... VK

## 6.3x25mm, Glass Fuse links-Fast acting

Rated Voltage	32V
Breaking Capacity	35A AC or 10 In Whichever is greater

### Current Ratings

4A , 5A, 6A , 7A , 10A , 15A , 20A



### Ordering Part No.

PXF...VK A (In ≥ 4A)  
FOR ROHS PXF .... A VK-R

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
4A - 20A	1.1 In	–	2Hrs
4A - 20A	1.35 In	–	180s
4A - 20A	1.5 In	–	15s

Characteristic Curves available on request

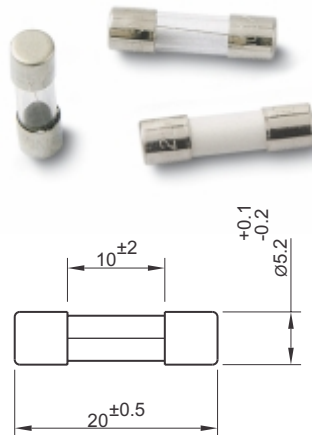
## PPF / PPFC

## 5 x 20 mm Miniature Glass/Ceramic Fuse Links – Fast Acting [UL Standards]

Applicable Standards	UL248–1 & 14 (198G)
Rated Voltage	250V
Interrupting Rating (AC)	≤1A                      35A 1.125A–3.5A      100A 4A–6.25A            200A

### Current Ratings

100mA	150mA	200mA	300mA
400mA	500mA	600mA	800mA
1A	1.125A	1.25A	1.4A
1.6A	1.8A	2A	2.25A
2.5A	2.8A	3A	3.2A
3.5A	4A	4.5A	5A
5.6A	6A	6.25A	



### Ordering Part No.

PPF...mA (In ≤ 800mA) or  
PPF...A (In ≥ 1A) for Glass Fuses

PPFC...mA (In ≤ 800mA) or  
PPFC...A (In ≥ 1A) for Ceramic Fuses

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 6.25A	1.1 In	4hrs	–
100mA – 6.25A	1.35 In	–	60 min
100mA – 6.25A	2.0 In	–	5s

Characteristic Curves available on request

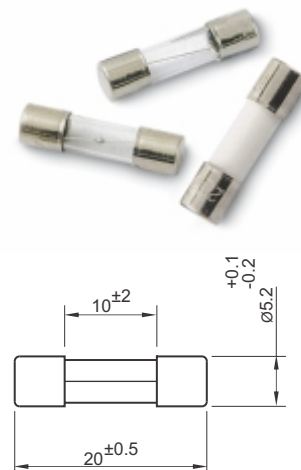
## PPT / PPTC

## 5 x 20 mm Miniature Glass/Ceramic Fuse Links – Slow Blow [UL Standards]

Applicable Standards	UL248–1 & 14 (198G)
Rated Voltage	250V
Interrupting Rating (AC)	≤1A                      35A 1.125A–3.5A      100A 4A–6.25A            200A

### Current Ratings

100mA	150mA	200mA	300mA
400mA	500mA	600mA	800mA
1A	1.125A	1.25A	1.4A
1.6A	1.8A	2A	2.25A
2.5A	2.8A	3A	3.2A
3.5A	4A	4.5A	5A
5.6A	6A	6.25A	



### Ordering Part No.

PPT...mA (In ≤ 800mA) or  
PPT...A (In ≥ 1A) for Glass Fuses

PPTC...mA (In ≤ 800mA) or  
PPTC...A (In ≥ 1A) for Ceramic Fuses

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 6.25A	1.1 In	4hrs	–
100mA – 6.25A	1.35 In	–	60 min
100mA – 6.25A	2.0 In	5s	2min

Characteristic Curves available on request

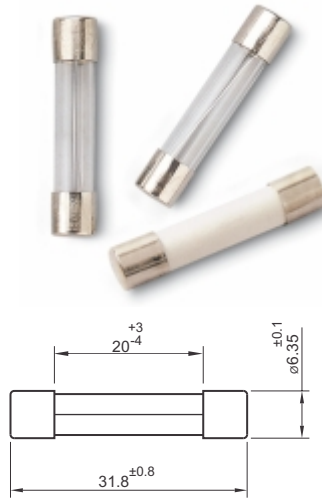
## PQF / PQFC 6.35 x 32 mm Miniature Glass/Ceramic Fuse Links – Fast Acting [UL Standards]

Applicable Standards	UL248-1 & 14 (198G)	
Rated Voltage	250V	
Interrupting Rating (AC)	≤ 1A	35A
	1.125A–3.5A	100A
	4A–10A	200A

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 10A	1.1 In	4hrs	–
100mA – 10A	1.35 In	–	60 min
100mA – 10A	2.0 In	–	5s

Characteristic Curves available on request



### Current Ratings

100mA	150mA	200mA	300mA
400mA	500mA	600mA	800mA
1A	1.125A	1.25A	1.4A
1.6A	1.8A	2A	2.25A
2.5A	2.8A	3A	3.2A
3.5A	4A	4.5A	5A
5.6A	6A	6.25A	7A
8A	9A	10A	

### Ordering Part No.

PQF...mA (In ≤ 800mA) or  
 PQF...A (In ≥ 1A) For Glass Fuses  
 PQFC...mA (In ≤ 800mA) or  
 PQFC...A (In ≥ 1A) For Ceramic Fuses

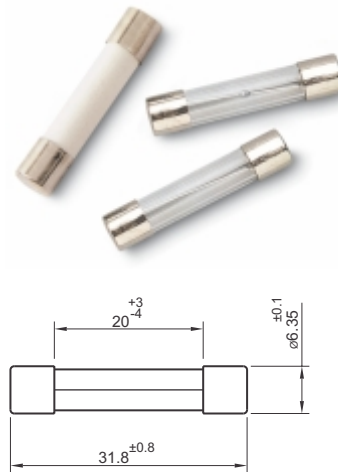
## PQT / PQTC 6.35 x 32 mm Miniature Glass/Ceramic Fuse Links – Slow Blow [UL Standards]

Applicable Standards	UL248-1 & 14 (198G)	
Rated Voltage	250V	
Interrupting Rating (AC)	≤ 1A	35A
	1.125A–3.5A	100A
	4A–10A	200A

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 10A	1.1 In	4hrs	–
100mA – 10A	1.35 In	–	60 min
100mA – 3A	2.0 In	5s	2 min
3.2A – 10A		12s	2min

Characteristic Curves available on request



### Current Ratings

100mA	150mA	200mA	300mA
400mA	500mA	600mA	800mA
1A	1.125A	1.25A	1.4A
1.6A	1.8A	2A	2.25A
2.5A	2.8A	3A	3.2A
3.5A	4A	4.5A	5A
5.6A	6A	6.25A	7A
8A	9A	10A	

### Ordering Part No.

PQT...mA (In ≤ 800mA) or  
 PQT...A (In ≥ 1A) For Glass Fuses  
 PQTC...mA (In ≤ 800mA) or  
 PQTC...A (In ≥ 1A) For Ceramic Fuses

## Cartridge Fuse Links With Plug Leads

Lead diameter	0.6 or 0.8 mm
Lead length	25 mm minimum
Cap	Brass nickel plated
Lead wire	Copper tinned

Cartridge Fuse -links of the following series are available with plugged leads.

PSF, PST, PAF, PAT, PSFC, PSTC, PAFC, PATC, PPF, PPFC, PPT, PPTC, PQF, PQFC, PQT & PQTC

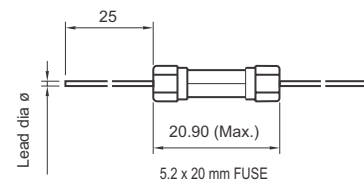
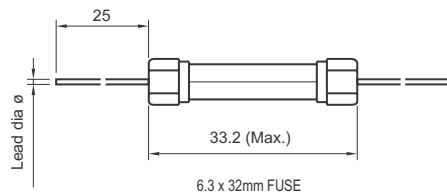


### Ordering Part No.

Fuse Series	With 0.6ø Plug Lead	With 0.8ø Plug Lead
PSF/PSFC	PSF...A6P/PSFC ... A6P	PSF...A8P/PSFC ... A8P
PST/PSTC	PST...A6P/PSTC ... A6P	PST...A8P/PSTC ... A8P
PAT/PATC	PAT...A6P/PATC ... A6P	PAT...A8P/PATC ... A8P
PAF/PAFC	PAF...A6P/PAFC ... A6P	PAF...A8P/PAFC ... A8P
PQT/PQTC	PQT...A6P/PQTC...A6P	PQT...A8P/PQTC...A8P

Fuses can also be supplied with soldered leads. Please contact factory for details

Applicable specification as per data sheet



## PRTL $\varnothing$ 8.5 mm Sub-Miniature Low Breaking Capacity Round Fuse Links, Radial Leded – Slow Blow

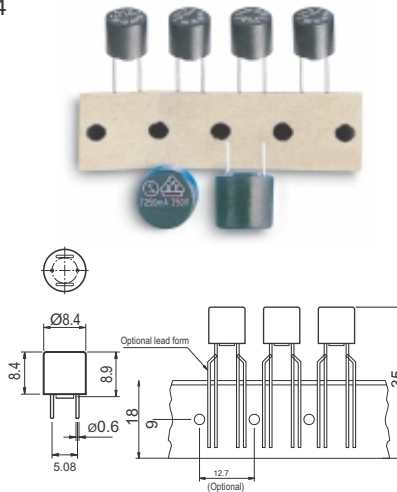
Applicable Standards IEC 60127-3 Std. Sheet 4  
 Rated Voltage 250V  
 Breaking Capacity 35A AC or 10 In whichever is greater

•Bulk packing or tape packing is available

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 4A	1.5 In	1hr	
100mA – 4A	2.1 In	–	2 min
100mA – 4A	2.75 In	400ms	10s
100mA – 4A	4 In	150ms	3s
100mA – 4A	10 In	20ms	150ms

Characteristic Curves available on request



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A	3.15A
4A			

### Ordering Part No.

for bulk packing :  
 PRTL...mA (In  $\leq$  800mA) or  
 PRTL...A (In  $\geq$  1A)

for tape packing :  
 PRTL...mA (In  $\leq$  800mA) or  
 PRTL...A (In  $\geq$  1A)

## PRTH $\varnothing$ 8.5 mm Sub-Miniature High Breaking Capacity Round Fuse Links, Radial Leded – Slow Blow

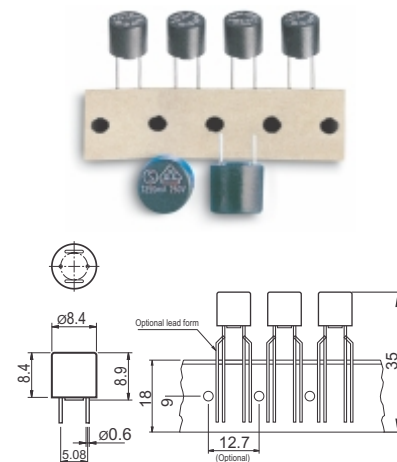
Applicable Standards IEC 60127-3  
 Rated Voltage 250V  
 Breaking Capacity 250A, 250V AC

•Bulk packing or tape packing is available

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
100mA – 4A	1.5 In	1hr	
100mA – 4A	2.1 In	–	2 min
100mA – 4A	2.75 In	400ms	10s
100mA – 4A	4 In	150ms	3s
100mA – 4A	10 In	20ms	150ms

Characteristic Curves available on request



### Current Ratings

100mA	125mA	160mA	200mA
250mA	315mA	400mA	500mA
630mA	800mA	1A	1.25A
1.6A	2A	2.5A	3.15A
4A			

### Ordering Part No.

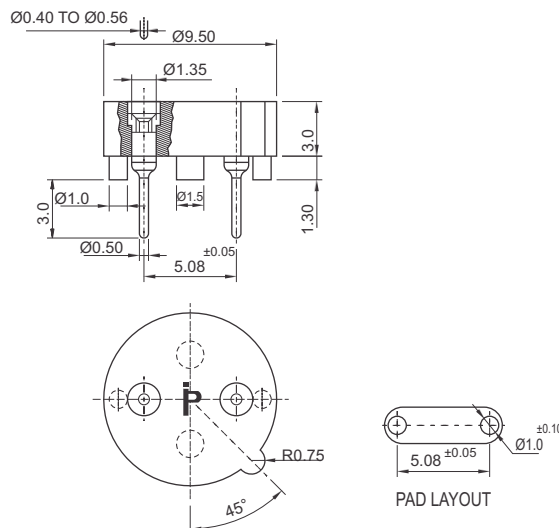
for bulk packing :  
 PRTHB...mA (In  $\leq$  800mA) or  
 PRTHB...A (In  $\geq$  1A)

for tape packing :  
 PRTH...mA (In  $\leq$  800mA) or  
 PRTH...A (In  $\geq$  1A)

## P8050R

## PC Mount Holder for Sub-Miniature Fuses

Ordering P/N P805R-02-11-1



Body Polyester UL 94V-0  
 Contact (Outer Sleeve) Brass, Tin Plated  
 Inner Clip BeCu, Gold Plated

### Electrical Parameters

Rating	6.3A 250V
Insulation Resistance	$\geq$ 5000M $\Omega$
Contact Resistance	$<$ 5m $\Omega$
Breaking Voltage	600V AC

## PSM 12

## (1206) Moulded Surface Mount Fuses

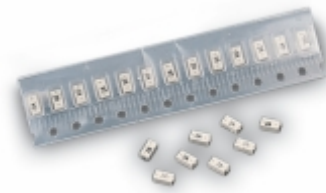
### Appearance

- Super micro size 1206, low profile (1.6Wx1.0Hx3.2L mm)
- No possibility of continuity fail during solder reflow operation
- No breaking, no encapsulation peeling, anti-vibration, higher interrupting rating
- 400°C resistive plastic body
- Super higher I-t characteristics. Best for battery packs
- Taped and reeled for SMD process

Interrupting Capacity	1A & Less	50A AC / DC
	1.5A -7A	35A AC / DC
Rated Voltage	63V	0.5A-1A
	32V	1.5A-7A

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
500mA – 7A	1In	4hrs	–
500mA – 7A	2In	–	60s
500mA – 7A	3In	–	3s

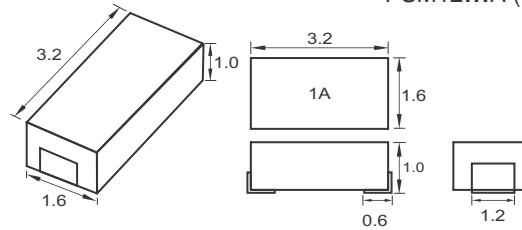


### Current Ratings

500mA	630mA	750mA	1A
1.5A	2A	2.5A	3A
3.5A	4A	5A	6.3A
7A			

### Ordering Part No.

PSM12...mA (In ≤ 750mA) or  
PSM12...A (In ≥ 1A)



## PTF 200

## Medium size Blade Fuse plug-in type

Rated Voltage	32V
Construction	Zinc Alloy
Insulator Body	PC/Nylon



### Current Ratings

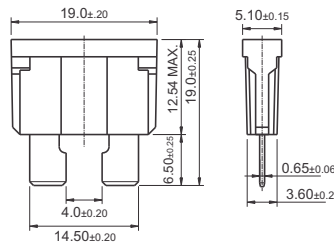
**PC:** 3A,4A,5A,6A,7.5A,10A,15A,20A

**Nylon:** 25A-N , 30A-N , 35A-N , 40A-N

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
3 - 40A	1.1 In	100Hrs min	
3 - 40A	1.35 In	750ms	1800s
3 - 40A	2 In	150ms	5s
3 - 40A	3.5 In	40ms	500ms
3 - 40A	6 In	20ms	150ms

UL / ARAI APPROVED



### Ordering Part No.

PTF 200 .....A(3A TO 20A)

PTF 200 .....A-N(25A TO 40A)

Nominal Current Range (In)	Body Colour	Part Number
3A	Violet	PTF 200 3A
4A	Pink	PTF 200 4A
5A	Tan	PTF 200 5A
7.5A	Brown	PTF 200 7.5A
10A	Red	PTF 200 10A
15A	Blue	PTF 200 15A
20A	Yellow	PTF 200 20A
25A	Natural	PTF 200 25A-N
30A	Green	PTF 200 30A-N
35A	Blue Green	PTF 200 35A-N
40A	Orange	PTF 200 40A-N

## PTF 300

## Mini size Blade Fuse plug-in type

Rated Voltage	32V
Construction	Zinc Alloy
Insulator Body	PC/Nylon



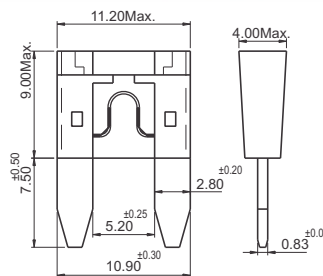
### Current Ratings

**PC:** 2A, 3A, 4A, 5A, 7.5A,10A,15A, 20A

**Nylon:** 25A-N , 30A-N

### Time Current Characteristic

Rated Current (In)	Overload	Min	Max
2 - 30A	1.1 In	100Hrs min	
2 - 30A	1.35 In	750ms	1800s
2 - 30A	2 In	150ms	5s
2 - 30A	3.5 In	80ms	500ms
2 - 30A	6 In	30ms	150ms



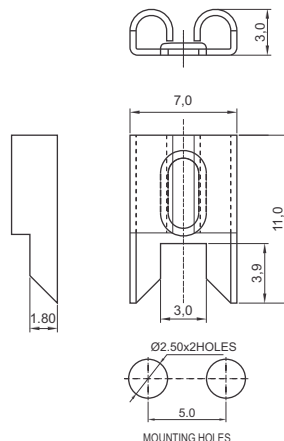
### Ordering Part No.

PTF 300 .....A

Nominal Current Range (In)	Body Colour	Part Number
2A	Grey	PTF 300 2A
3A	Violet	PTF 300 3A
4A	Pink	PTF 300 4A
5A	Tan	PTF 300 5A
7.5A	Brown	PTF 300 7.5A
10A	Red	PTF 300 10A
15A	Blue	PTF 300 15A
20A	Yellow	PTF 300 20A
25A	Natural	PTF 300 25A
30A	Green	PTF 300 30A

## PCB Mount Clip for Blade Fuse

Material	Copper Alloy
Material Thickness	0.40 mm
Finish	Tin Plated



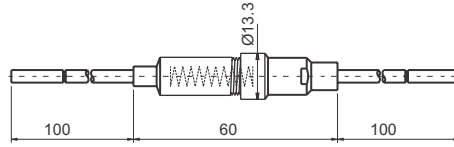
Ordering P/N P8039-01



## P8027-A

### Inline Fuse Holder For 5 x 20 mm & 6.35 x 32 mm Fuses

#### SCREW TYPE



\* Can be supplied in different body colors, wire colors & wire sizes

Body Nylon (FR), Black  
Contacts & Cable Brass terminals crimped with PVC Cable

#### Electrical Parameters

Rating	20A
Insulation Resistance	100M $\Omega$ Min
Contact Resistance	5m $\Omega$ at 1A DC
Breaking Voltage	1500V AC Min
Locking	Threaded coupling

Supplied with Red PVC Cable, 0.2/24 conductor as standard

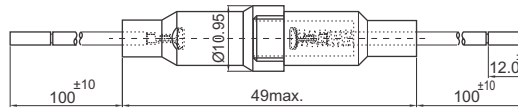
#### Ordering Part No.

P8027-A1 for 5 x 20mm Screw type holder  
P8027-A2 for 6.35mm x 32mm Screw type holder

## P8027A

### Baby Inline Fuse Holder For 5 x 20mm Fuses

#### SCREW TYPE



Body Nylon (FR), Black  
Contacts & Cable Brass Terminals Crimped With PVC Cable

#### Electrical Parameters

Rating	20A
Insulation Resistance	100M $\Omega$ Min
Contact Resistance	5m $\Omega$ at 1A DC
Breaking Voltage	1500V AC Min
Locking	Threaded Coupling

Supplied with Red PVC Cable, 0.2/16 conductor as standard

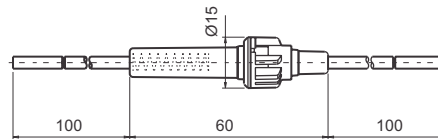
#### Ordering Part No.

P8027A-A1-9-3

## P8027-B

### Inline Fuse Holder For 5 x 20 mm & 6.35 x 32 mm Fuses

#### BAYONET TYPE



\* Can be supplied in different body colors, wire colors & wire sizes

Body Thermoplastic UL94V-0 Natural Colour  
Contacts & Cable Brass terminals crimped with the PVC Cable

#### Electrical Parameters

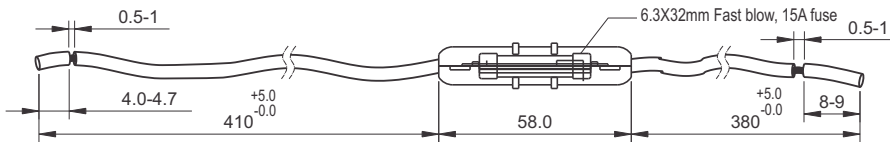
Rating	20A
Insulation Resistance	100M $\Omega$ Min
Contact Resistance	5m $\Omega$ at 1A DC
Breaking Voltage	1500V AC Min
Locking	Bayonet coupling

Supplied with Red PVC Cable, 0.2/24 conductor as standard

#### Ordering Part No.

P8027-B1 for 5 x 20mm Bayonet type holder  
P8027-B2 for 6.35 x 32mm Bayonet type holder

## P8031B



## Press fit Type Inline Fuse Holder

Body	Nylon FR Grade, UL94V-0, Black color
Terminals	Brass

### Electrical Parameters

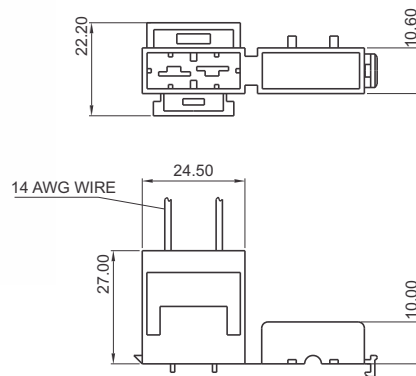
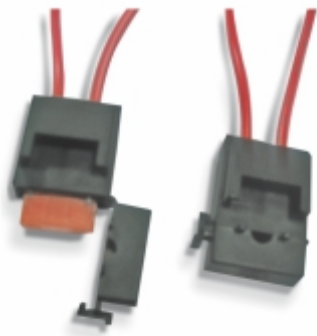
Current Rating	15A Max
Contact Resistance	5m $\Omega$ Max
Insulation Resistance	100M $\Omega$ Min. @ 500V DC
Breaking Voltage	1500V AC Min for 60sec

Wire	48/0.2 $\Phi$ PVC cable, Red color
------	---------------------------------------

### Ordering Part No.

P8031B-XXXXXX

## P8039-15



## Inline Fuse Holder For Blade Fuse

Molded Parts	Nylon
Terminals	Brass

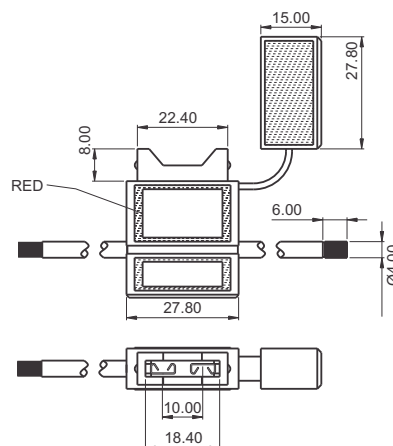
### Electrical Parameters

Current Rating	20A Max
Contact Resistance	5m $\Omega$ Max @ 1A DC
Insulation Resistance	100M $\Omega$ Min. @ 500V DC
Breaking Voltage	1500V AC Min for 60sec
Type	Interlock Type
Wire	14AWG 8" Loop

### Ordering Part No.

P8039-15

## P8039-17



## Inline Fuse Holder For Blade Fuse

Molded Parts	PVC
Terminals	Brass

### Electrical Parameters

Current Rating	20A Max
Contact Resistance	5m $\Omega$ Max @ 1A DC
Insulation Resistance	100M $\Omega$ Min @ 500V DC
Breaking Voltage	1500V AC Min for 60sec
Type	Water Resistant Type

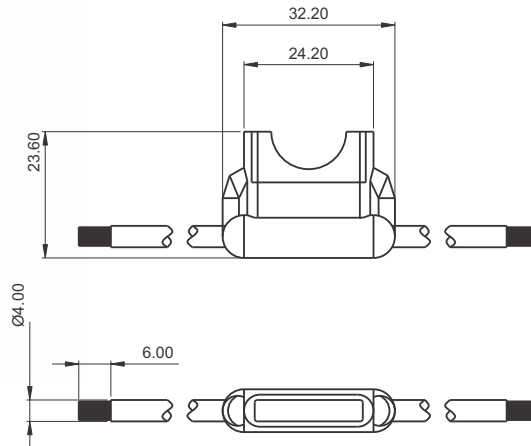
Wire	12AWG 12" Loop
------	----------------

### Ordering Part No.

P8039-17

### P8039-18

### Inline Fuse Holder For Blade Fuse



Molded Parts	PVC
Terminals	Brass

#### Electrical Parameters

Current Rating	10A Max
Contact Resistance	5m ΩMax @ 1A DC
Insulation Resistance	100M Ω Min. @ 500V DC
Breaking Voltage	1500V AC Min for 60sec

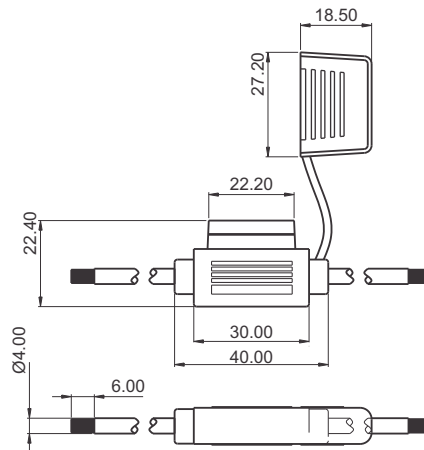
Wire	16AWG 6" Each End
------	-------------------

#### Ordering Part No.

P8039-18

### P8039-19

### Inline Fuse Holder For Blade Fuse



Molded Parts	PVC
Terminals	Brass

#### Electrical Parameters

Current Rating	20A Max
Contact Resistance	5m ΩMax @ 1A DC
Insulation Resistance	100M Ω Min. @ 500V DC
Breaking Voltage	1500V AC Min for 60sec
Type	Water Resistant Type

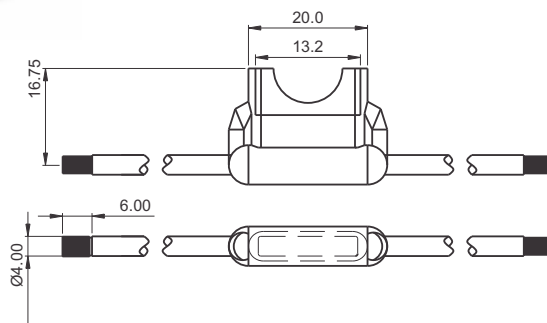
Wire	12AWG 6" Each End
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#### Ordering Part No.

P8039-19

### P8041-18

### Inline Fuse Holder For Mini-Blade Fuse



Molded Parts	PVC
Terminals	Brass

#### Electrical Parameters

Current Rating	20A Max
Contact Resistance	5m ΩMax @ 1A DC
Insulation Resistance	100M Ω Min. @ 500V DC
Breaking Voltage	1000V AC Min for 60sec

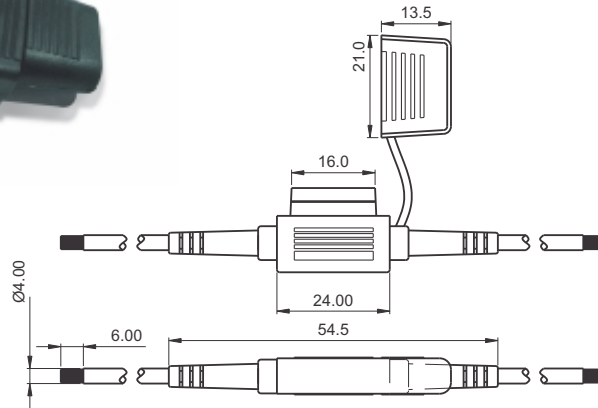
Wire	12AWG 6" Each End
------	-------------------

#### Ordering Part No.

P8041-18

# P8041-19

## Inline Fuse Holder For Mini-Blade Fuse



Molded Parts  
Terminals

PVC  
Brass

### Electrical Parameters

Current Rating	20A Max
Contact Resistance	5m ΩMax @ 1A DC
Insulation Resistance	100M Ω Min. @ 500V DC
Breaking Voltage	1000V AC Min for 60sec
Type	Water Resistant Type

Wire 12AWG 6" Each End

### Ordering Part No.

P8041-19

## P8028

## Panel Mount Fuse Holder For 5 x 20 mm & 6.35 x 32 mm Fuses

P8028-A - SCREW TYPE

P8028-B- BAYONET TYPE

Body Thermoplastic UL94V-0, Black  
Contacts Copper Alloy (Tinned)  
Screw Knob



### Electrical Parameters

Rating 10A 250V  
Insulation Resistance 100M  $\Omega$  Min at 500V DC  
Contact Resistance 5m  $\Omega$   
Breaking Voltage 1500V AC Min

### Ordering Part No.

P8028-A1 for 5 x 20mm Screw type holder  
P8028-A2 for 6.35 x 32mm Screw type holder  
P8028-B1 for 5 x 20mm Bayonet type holder  
P8028-B2 for 6.35 x 32mm Bayonet type holder

## P8029

## PCB mount Fuse Holder Bayonet Type For 5 x 20mm Fuses

P8029-A1 (Vertical Mounting)

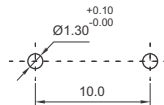
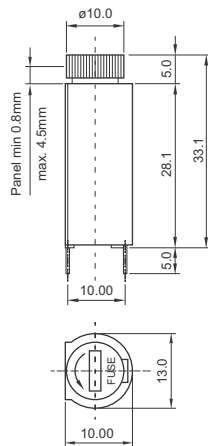
Body Thermoplastic UL 94V-0  
Contacts Copper Alloy (Tinned)

### Electrical Parameters

Rating 6.3A 250V  
Insulation Resistance > 100M  $\Omega$   
Contact Resistance < 5 m  $\Omega$   
Breaking Voltage > 3000 V AC

### Ordering Part No.

P8029-A1= For 5 X 20mm Bayonet type  
Vertical Mount



MOUNTING HOLES

## P8029-C1 (Horizontal Mounting)

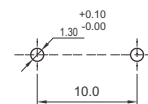
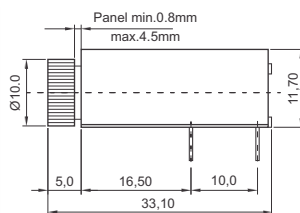
Body Thermoplastic UL 94V-0  
Contacts Copper Alloy (Tinned)

### Electrical Parameters

Rating 6.3A 250V  
Insulation Resistance > 100M  $\Omega$   
Contact Resistance < 5 m  $\Omega$   
Breaking Voltage > 3000 V AC

### Ordering Part No.

P8029-C1= For 5 X 20mm Bayonet type  
Horizontal Mount

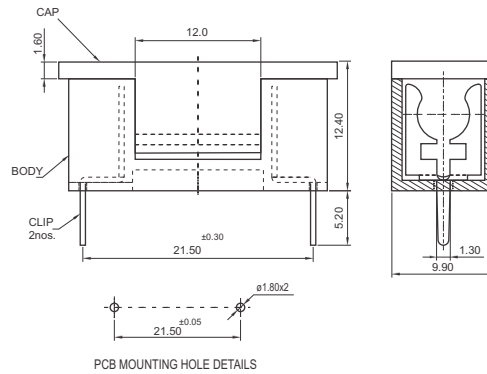


MOUNTING HOLES

## P8029

## PCB mount Fuse Holder For 5 x 20mm Fuses Box Type

### P8029-12



Body Thermoplastic UL 94V-0  
Contacts Copper Alloy (Tinned)

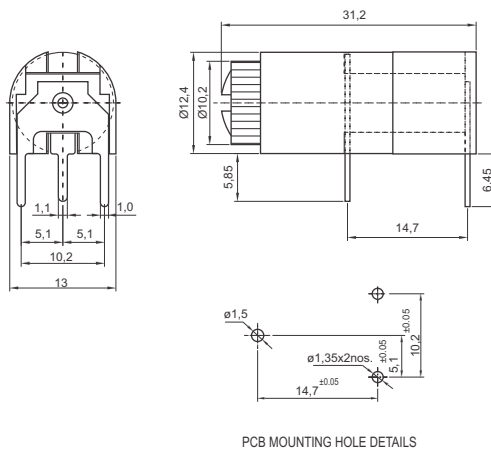
#### Electrical Parameters

Rating 6.3A 250V  
Insulation Resistance 100 M  $\Omega$  min. @ 500 V DC  
Breaking Voltage 500 V AC min.

#### Ordering Part No.

P8029-12

## P8029-14 (Horizontal Mounting)



Body Thermoplastic UL 94V-0  
Contacts Copper Alloy (Tinned)

#### Electrical Parameters

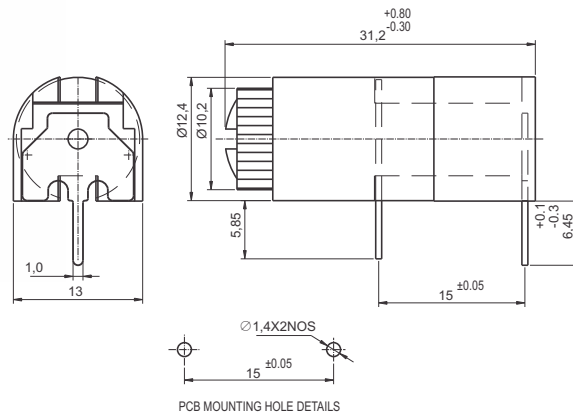
Rating 6.3A 250V  
Insulation Resistance > 100M  $\Omega$   
Contact Resistance < 5 m  $\Omega$   
Breaking Voltage > 3000 V AC

#### Ordering Part No.

P8029-14= For 5 X 20mm Bayonet type Horizontal Mount

## P8029-15 (Horizontal mounting, pitch=15.0mm)

## P.C.B Mount Fuse Holder Screw Type For $\Phi$ 5 x 20mm Fuse



Body Nylon FR Grade , Black colour  
Contacts Brass , Tin plated

#### Electrical Parameters

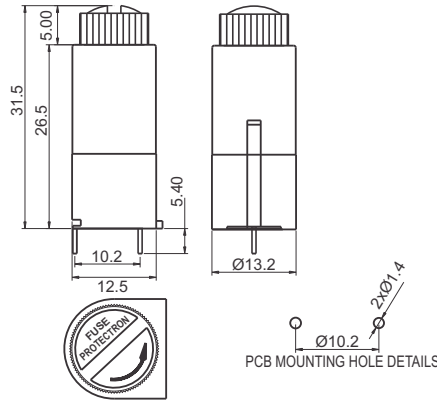
Rating 6.3A, 250V  
Insulation Resistance 100M  $\Omega$  min. @ 500V DC  
Breaking Voltage 1500V min.

#### Ordering Part No.

P8029-15

### P8029-16 (Vertical Mounting)

### P.C.B Mount Fuse Holder Screw Type For $\Phi$ 5 x 20mm Fuse



Body Nylon FR Grade , Black colour  
 Contacts Brass , Tin plated

#### Electrical Parameters

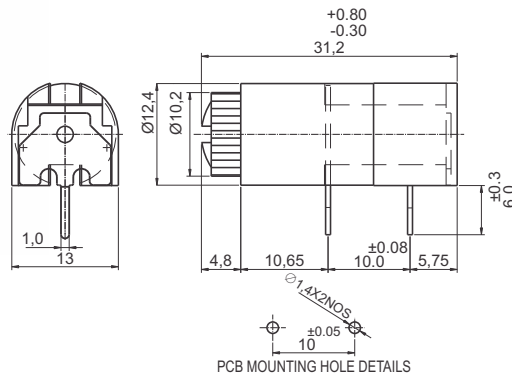
Rating 6.3A, 250V  
 Insulation Resistance 100M  $\Omega$  min. @ 500V DC  
 Breaking Voltage 1500V min.

#### Ordering Part No.

P8029-16

### P8029-17 (Horizontal Mounting, pitch=10.0mm)

### P.C.B Mount Fuse Holder Screw Type For $\Phi$ 5 x 20mm Fuse



Body Nylon FR Grade , Black colour  
 Contacts Brass , Tin plated

#### Electrical Parameters

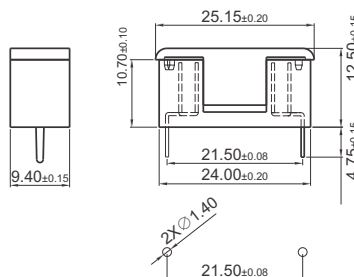
Rating 6.3A, 250V  
 Insulation Resistance 100M  $\Omega$  min. @ 500V DC  
 Breaking Voltage 1500V AC min.

#### Ordering Part No.

P8029-17

### P8029-18

### P.C.B Mount Fuse Holder Double Clip Box Type $\Phi$ For 5 x 20mm Fuse



Body Nylon FR Grade , Black colour  
 Contacts Brass , Tin plated

#### Electrical Parameters

Rating 6.3A, 250V  
 Insulation Resistance 100M  $\Omega$  min. @ 500V DC  
 Breaking Voltage 500V AC min.

#### Ordering Part No.

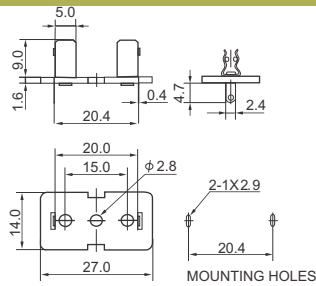
P8029-18

## PCB Mount Fuse Block

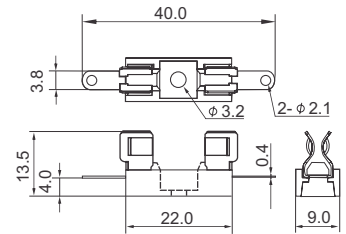
Contact Parts Copper Alloy 0.4mm thick  
 Finish Tin plated  
 Body Material Thermoplastic UL94V-0  
 Rated Current 6.3A

### For 5.2 x 20mm Fuses

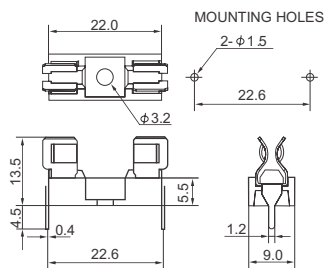
#### Ordering P/N P8029-01



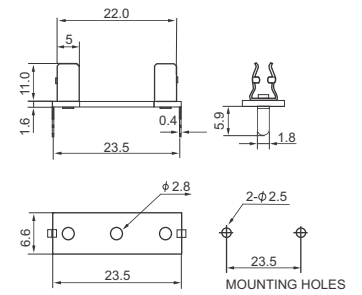
#### Ordering P/N P8029-02



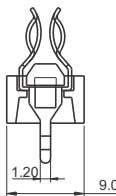
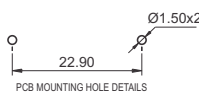
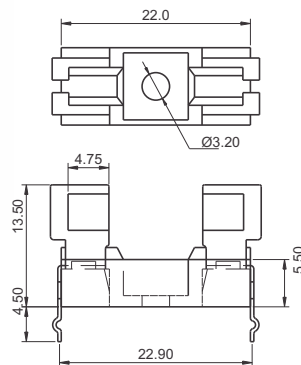
#### Ordering P/N P8029-03



#### Ordering P/N P8029-04



### P8029-13 (WITH KINK)



### P.C.B Mount Fuse Block For $\Phi$ 5 x 20mm Fuse

Body Thermoplastic, UL 94V-0  
 Contacts Phosphor bronze, Tin plated

#### Electrical Parameters

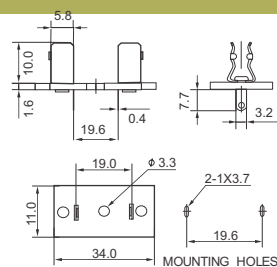
Rating 6.3A, 250V  
 Insulation Resistance 100M  $\Omega$  min. @ 500V DC  
 Breaking Voltage 1000V AC min.

#### Ordering Part No.

P8029-13

### For 6.35 x 32mm Fuses

#### Ordering P/N P8030-01



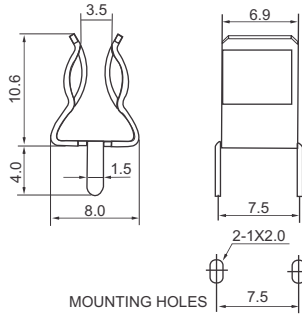


## PCB Mount Clips for Ø 6.35mm Fuses

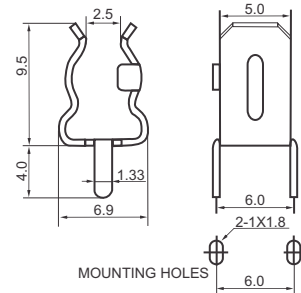
Material Copper Alloy  
 Material Thickness 0.5 mm  
 Finish Tin Plated  
 Rated Current 8A



Ordering P/N P8038-01



Ordering P/N P8038-02

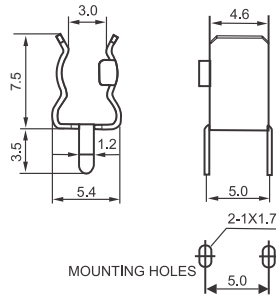


## PCB Mount Clips for Ø 5.2mm Fuses



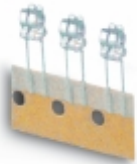
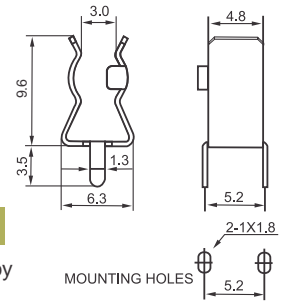
Ordering P/N P8035-01

Material Copper Alloy  
 Material Thickness 0.4 mm  
 Finish Tin Plated  
 Rated Current 7A



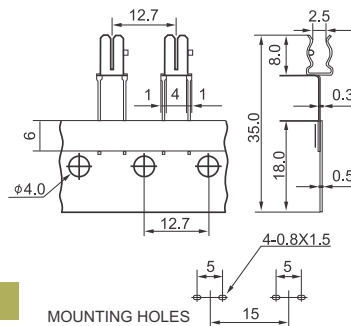
Ordering P/N P8035-02

Material Copper Alloy  
 Material Thickness 0.4 mm  
 Finish Tin Plated  
 Rated Current 7A



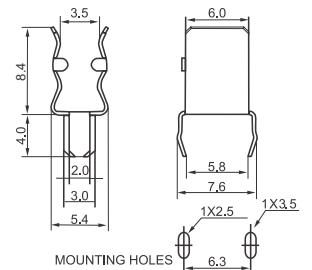
Ordering P/N P8035-03

Material Copper Alloy  
 Material Thickness 0.3 mm  
 Finish Tin Plated  
 Rated Current 5A  
 Remarks Taping



Ordering P/N P8035-04

Material Copper Alloy  
 Material Thickness 0.3 mm  
 Finish Tin Plated  
 Rated Current 5A

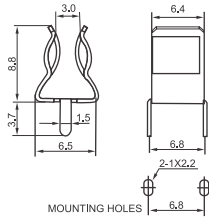


## PCB Mount Clips for Ø 5.2mm Fuses



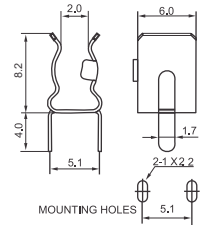
### Ordering P/N P8035-05

Material Copper Alloy  
 Material Thickness 0.4 mm  
 Finish Tin Plated  
 Rated Current 7A



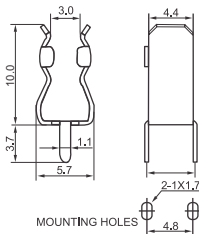
### Ordering P/N P8035-06

Material Copper Alloy  
 Material Thickness 0.3 mm  
 Finish Tin Plated  
 Rated Current 5A



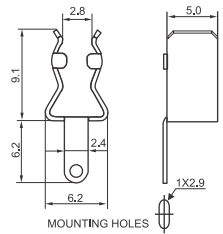
### Ordering P/N P8035-07

Material Copper Alloy  
 Material Thickness 0.4 mm  
 Finish Tin Plated  
 Rated Current 7A



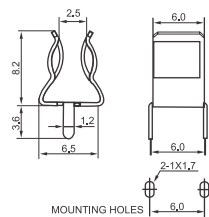
### Ordering P/N P8035-08

Material Copper Alloy  
 Material Thickness 0.4 mm  
 Finish Tin Plated  
 Rated Current 7A



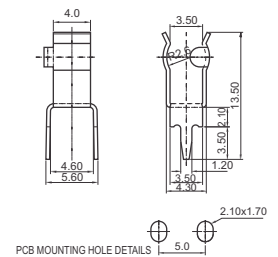
### Ordering P/N P8035-09

Material Copper Alloy  
 Material Thickness 0.4 mm  
 Finish Tin Plated  
 Rated Current 7A



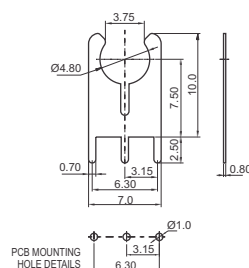
### Ordering P/N P8035-10-29

Material Copper Alloy  
 Material Thickness 0.4 mm  
 Finish Tin Plated  
 Rated Current 7A



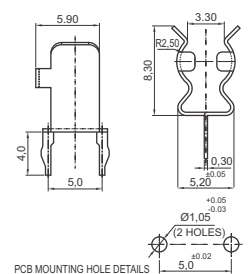
### Ordering P/N P8035-11-18

Material Copper Alloy  
 Material Thickness 0.8 mm  
 Finish Tin Plated  
 Rated Current 10A



### Ordering P/N P8035-12

Material Copper Alloy  
 Material Thickness 0.3 mm  
 Finish Tin Plated  
 Rated Current 5A



## Thermal Fuses

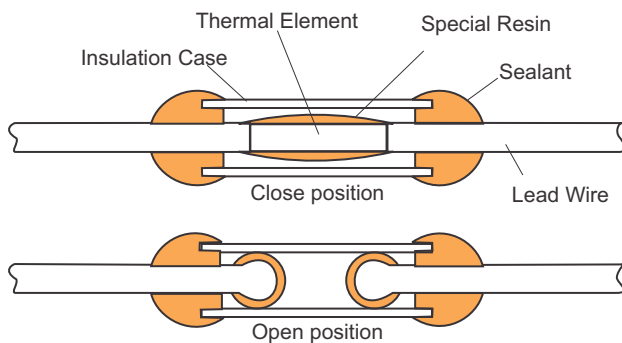
These fuses are used to prevent fires caused by abnormal heat generation from electrical circuits and other heat producing electrical products. Thermal fuses prevent these accidents and ensure safety of the equipment and the user. They are non-resettable thermal protectors attached to the heat generating section of electronic equipment and circuits. The thermal element senses temperature change and breaks the electrical circuit when the cutoff temperature is reached.

### Types

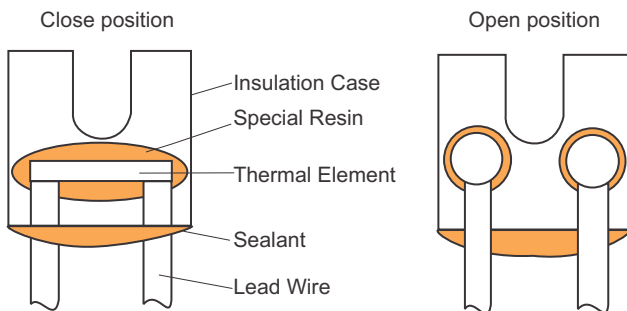
- ◆ Element type
- ◆ Pellet type

### Constructions / Operational Principles

#### Thermal Element Type - FTF - 1, 2, 3, 4



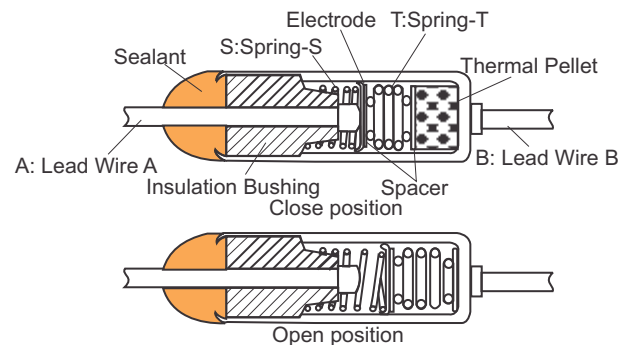
#### Thermal Element Type - FTF - R - U



Thermal element senses the rise of the ambient temperature. When the temperature rises to the cutoff value, the surface tension of the special resin instantly cuts off the circuit.



#### Thermal Pellet Type - FTF - S



These FTF-S series fuses are approved by UL & CSA. (UL 10A only for S071)

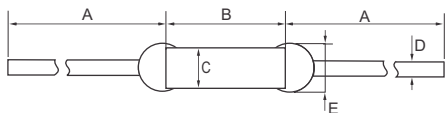
Transmission of heat to the thermal pellet due to dangerous rise in temperature (opening temperature), causes melting/liquefaction of the thermal pellet, thereby cutting off and opening the contact of lead wire A and the electrode due to extension of spring -S which pushes the electrode away.

- ◆ Tf : Functioning Temperature. The temperature at which a thermal fuse changes its state of conductivity to open circuit with detection current of 10mA or less as the only load. The temperature tolerance for UL, CSA & VDE standards is +0, -10°C.
- ◆ Th : Holding Temperature. The maximum temperature at which a thermal fuse can be maintained while conducting rated current for 168 hours from state of conductivity to open circuit.
- ◆ Tm : Maximum Temperature. The maximum temperature at which a thermal fuse which has changed its state of conductivity can be maintained for 10 minutes during which time its mechanical and electrical properties will not be impaired.

## FTF1, FTF2, FTF3 & FTF4 Series

These thermal element type fuses are designed to be compact and can be easily wound in generating portions of motors, transformers, etc.

### DIMENSIONS



Lead wire 'A' can also be supplied with 68mm length. Please specify while ordering

	FTF-1/3	FTF-2/4
A	49.0 ± 2	48.0 ± 2
B	6.4 ± 0.5	10.0 ± 0.5
C	∅2.0 ± 0.1	∅3.0 ± 0.1
D	∅0.6 ± 0.05	∅0.6 ± 0.05
E	Within 2.3	Within 3.3

All dimensions are in mm



### RATINGS

Applicable for FTF1, FTF2, FTF3 & FTF 4 Series.

#### FTF-1

Type No.	T <sub>f</sub> °C	T <sub>h</sub> °C	T <sub>m</sub> °C	Opening Temp. °C	Rating Current A	Rating Voltage V	Marking
198	102	70	UL:200	98 ± 2	1	250	Red
112	115	85	CSA:155	112 ± 2			Green
126	131	100	VDE:200	126 ± 2			Blue
146	150	120		146 ± 2			Purple

#### FTF-2

Type No.	T <sub>f</sub> °C	T <sub>h</sub> °C	T <sub>m</sub> °C	Opening Temp. °C	Rating Current A	Rating Voltage V	Marking
298	102	70	UL:200	98 ± 2	2	250	Red
212	115	85	CSA:155	112 ± 2			Green
226	131	100	VDE:200	126 ± 2			Blue
246	150	120		146 ± 2			Purple



#### FTF-3

Type No.	Nominal Opening Temperature °C	Opening Accuracy °C	Rating Current A	Rating Voltage V	Marking
379	79	±2	3	250	Brown
398	98				Red
312	112				Green
326	126				Blue
339	139				Grey
346	146				Purple



#### FTF-4

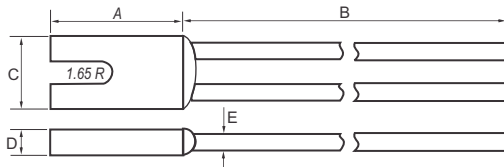
Type No.	Nominal Opening Temperature °C	Opening Accuracy °C	Rating Current A	Rating Voltage V	Marking
479	79	±2	5	250	Brown
498	98				Red
412	112				Green
426	126				Blue
439	139				Grey
446	146				Purple



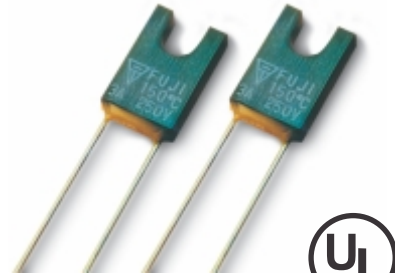
## FTF - R -U Series

FTF-R-U series thermal element type fuses are with radial lead wires. The upper part of the case is U-shaped and is designed so that it can be fixed by a screw directly to the heat generating portion like heat sink. FTF-R-U series fuses are very sensitive because their contact surfaces is stable and large enough to stick to the heat generating portion.

### DIMENSIONS



FTF-R-U	
A	11.0 ± 0.2
B	44.5 ± 0.3
C	7.4 ± 0.2
D	2.3 ± 0.2
E	∅0.6 ± 0.05



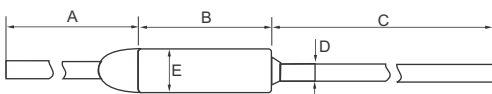
### RATINGS

Type No.	Tf °C	Th °C	Tm °C	Opening Temp. °C	Rating Current A	Rating Voltage V	Marking
U098	102	76	UL:200	98 ± 2	2	250	Red
U110	114	82		110 ± 2			Orange
U124	128	97	CSA:155	124 ± 2			Green
U127	130	104		127 ± 2			Blue
U140	144	112		140 ± 2			Purple
U146	150	123		146 ± 2			White



## FTF - S Series

### DIMENSIONS



	FTF-S & FTF-S 10A	FTF-S 15A
A	19.0 ± 1.0	35.0 ± 1.0
B	10.0 ± 0.5	10.0 ± 0.5
C	35.0 ± 1.0	35.0 ± 10
D	∅1.0 ± 0.05	∅1.5 ± 0.05
E	∅4.0 ± 0.1	∅4.0 ± 0.1



Lead wire A can also be made with 35 mm length

### RATINGS

Type No.	Tf °C	Th °C	Tm °C	Opening Temp. °C	Rating Current A	Rating Voltage V	Marking
S071	75	50	105	70 + 3,-1	10	250	Yellow
S083	87	52	117	82 + 3,-1	15		Brown
S099	103	68	133	99 ± 2			Dark Blue
S112	116	81	146	109 + 4, -0			Orange
S117	121	86	151	119 + 0, -5			Dark Green
S127	131	96	161	126 ± 2			Blue
S132	136	101	166	132 ± 2			Grey
S143	147	112	177	142 ± 2			Purple
S154	158	123	188	154 + 1, -3			Black
S181	185	150	215	182 + 1, -3			Light Green
S215	219	174	249	214 ± 2			Dark Green
S229	233	188	263	229 + 1, -3			Dark Blue



## FTF - S 10A Series

### RATINGS

Type No.	Nominal Opening Temperature °C	Opening Accuracy °C	Rating Current A	Rating Voltage V	Marking
S070J	70	+3, -1			Yellow
S076J	76	+1, -3			Green
S082J	82	+3, -1			Brown
S091J	91	±2			Black
S096J	96	±2			Light Green
S099J	99	±2			Dark Blue
S109J	109	+4, -0			Orange
S119J	119	+0, -5			Dark Green
S126J	126	±2			Blue
S132J	132	±2			Grey
S139J	139	±2	10	250	Red
S142J	142	±2			Purple
S154J	154	+1, -3			Black
S169J	169	+0, -4			Pink
S182J	182	+1, -3			Light Green
S192J	192	+1, -3			Light Blue
S214J	214	±2			Dark Green
S226J	226	±2			Green
S229J	229	+1, -3			Dark Blue



## FTF - S 15A Series

These large capacity (250V-15A) thermal pellet type fuses are provided with big diameter lead wires.

### RATINGS

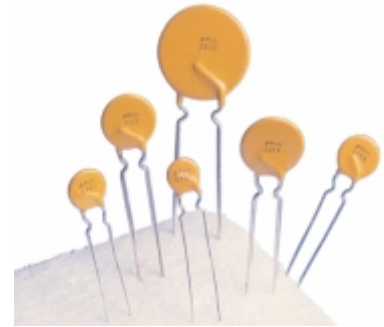
Type No.	Nominal Opening Temperature °C	Opening Accuracy °C	Rating Current A	Rating Voltage V	Marking
S070J	70	+3, -1			Yellow
S076J	76	+1, -3			Green
S082J	82	+3, -1			Brown
S091J	91	±2			Black
S096J	96	±2			Light Green
S099J	99	±2			Dark Blue
S109J	109	+4, -0			Orange
S119J	119	+0, -5			Dark Green
S126J	126	±2			Blue
S132J	132	±2			Grey
S139J	139	±2	15	250	Red
S142J	142	±2			Purple
S154J	154	+1, -3			Black
S169J	169	+0, -4			Pink
S182J	182	+1, -3			Light Green
S192J	192	+1, -3			Light Blue
S214J	214	±2			Dark Green
S226J	226	±2			Green
S229J	229	+1, -3			Dark Blue



## PTC Thermistors

### Radial Leaded PTC Devices (16V)

Positive Temperature coefficient (PTC) thermistors are designed for protecting electronic circuits against current, voltage and temperature overloads. The PTC device protects the circuit by going from a low resistance to high resistance state in response to an over current. This is called "tripping" the device. Once the overload is removed, the devices return to its low resistance value after cooling, thus needing no replacements. These are used for low voltage over current circuit protection of Computers, Peripherals, General Electronics, Battery, Telecommunication, Power supplies, Various motor protections and many more devices.



Application : Low voltage USB equipment  
 Product Features : Low resistance, Fast trip time, Lower Trip-to-hold Ratio  
 Operation Current : 750mA ~2.5A  
 Maximum Voltage : 16V/30V  
 Temperature Range : -40°C to 85°C

### Electrical Characteristics

Part Number	I hold (A)	I trip (A)	V max (Vdc)	I max (A)	Pd max (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R min (Ω)	R1max (Ω)
RLD16P075B	0.75	1.30	16	40	0.3	8.0	0.4	0.080	0.23
RLD16P090B	0.90	1.80	16/30	40	0.6	4.5	5.9	0.070	0.18
RLD16P110B	1.10	2.20	16/30	40	0.7	5.5	6.6	0.050	0.14
RLD16P120B	1.20	2.00	16	40	0.6	8.0	0.5	0.040	0.14
RLD16P135B	1.35	2.70	16/30	40	0.8	6.8	7.3	0.040	0.12
RLD16P155B	1.55	2.70	16	40	0.7	8.0	0.6	0.030	0.12
RLD16P160B	1.60	3.20	16/30	40	0.9	8.0	8.0	0.030	0.11
RLD16P185B	1.85	3.70	16/30	40	1.0	9.3	8.7	0.030	0.09
RLD16P250B	2.50	5.00	16/30	40	1.2	12.5	10.3	0.020	0.06

I<sub>H</sub> = Hold current-maximum current at which the device will not trip at 23°C still air.  
 I<sub>T</sub> = Trip current-minimum current at which the device will always trip at 23°C still air.  
 V<sub>MAX</sub> = Maximum voltage device can withstand without damage at its rated current.  
 V<sub>1-MAX</sub> = Maximum interrupt voltage device can withstand for short period of time. (Not for Long term)  
 I<sub>MAX</sub> = Maximum fault current device can withstand without damage at rated voltage (V max.).  
 P<sub>d</sub> = Typical power dissipated from device when in the tripped state in 23°C still air environment.  
 R<sub>MIN</sub> = Minimum device resistance at 23°C.  
 R<sub>1MAX</sub> = Maximum device resistance at 23°C, 1 hour after tripping.

**Note:** Applicable for all Series

## PTC Thermistors (cont.)

### Physical Dimensions (mm)

Part Number	A (max)	B (max)	C (typ)	D (min)	E (max)	Physical Characteristics		
						LeadØ	Material	Figure
RLD16P075B	6.90	11.40	5.1	7.6	3.0	0.51	Sn/Cu	2
RLD16P090B	7.40	12.20	5.1	7.6	3.0	0.51	Sn/CuFe	1
RLD16P110B	7.40	14.20	5.1	7.6	3.0	0.51	Sn/CuFe	1
RLD16P120B	6.90	11.70	5.1	7.6	3.0	0.51	Sn/CuFe	2
RLD16P135B	8.90	13.50	5.1	7.6	3.0	0.51	Sn/CuFe	1
RLD16P155B	6.90	11.70	5.1	7.6	3.0	0.51	Sn/CuFe	2
RLD16P160B	8.90	15.20	5.1	7.6	3.0	0.51	Sn/CuFe	1
RLD16P185B	10.20	15.70	5.1	7.6	3.0	0.51	Sn/CuFe	1
RLD16P250B	11.40	18.30	5.1	7.6	3.0	0.51	Sn/CuFe	1

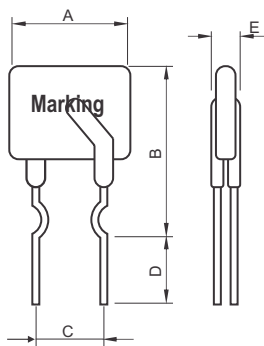


Figure-1

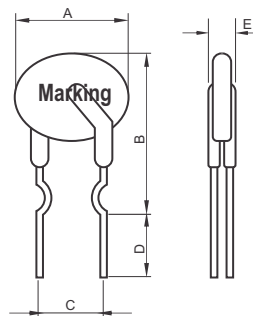


Figure-2



## Radial Leaded PTC Devices (30V)

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 : 900mA~9A  
 Maximum Voltage : Up to 30V  
 Temperature Range : -40°C to 85°C

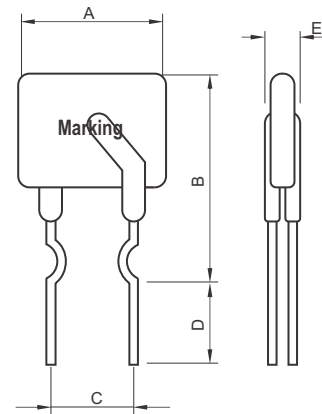


### Electrical Characteristics - 30V DC series

Part Number	I hold (A)	I trip (A)	V max (Vdc)	I max (A)	Pd max (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R min (Ω)	R1max (Ω)
RLD30P090U	0.90	1.80	30	40	0.6	4.5	5.9	0.070	0.22
RLD30P110U	1.10	2.20	30	40	0.7	5.5	6.6	0.050	0.17
RLD30P135U	1.35	2.70	30	40	0.8	6.8	7.3	0.040	0.13
RLD30P160U	1.60	3.20	30	40	0.9	8.0	8.0	0.030	0.11
RLD30P185U	1.85	3.70	30	40	1.0	9.3	8.7	0.030	0.09
RLD30P250U	2.50	5.00	30	40	1.2	12.5	10.3	0.020	0.07
RLD30P300U	3.00	6.00	30	40	2.0	15.0	10.8	0.020	0.08
RLD30P400U	4.00	8.00	30	40	2.5	20.0	12.7	0.010	0.05
RLD30P500U	5.00	10.00	30	40	3.0	25.0	14.5	0.010	0.05
RLD30P600U	6.00	12.00	30	40	3.5	30.0	16.0	0.005	0.04
RLD30P700U	7.00	14.00	30	40	3.8	35.0	17.5	0.005	0.03
RLD30P800U	8.00	16.00	30	40	4.0	40.0	18.8	0.005	0.02
RLD30P900U	9.00	18.00	30	40	4.2	40.0	20.0	0.005	0.02

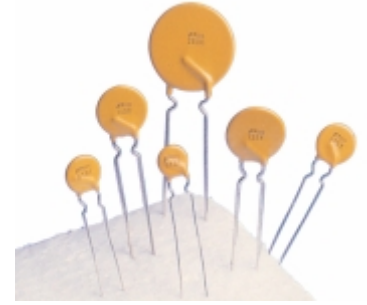
### Physical Dimensions (mm) 30 V DC series

Part Number	A (max)	B (max)	C (typ)	D (min)	E (max)	Physical Characteristics	
						Lead ø	Material
RLD30P090U	7.4	12.2	5.1	7.6	3.0	0.51	Sn/CuFe
RLD30P110U	7.4	14.2	5.1	7.6	3.0	0.51	Sn/CuFe
RLD30P135U	8.9	13.5	5.1	7.6	3.0	0.51	Sn/CuFe
RLD30P160U	8.9	15.2	5.1	7.6	3.0	0.51	Sn/CuFe
RLD30P185U	10.2	15.7	5.1	7.6	3.0	0.51	Sn/CuFe
RLD30P250U	11.4	18.3	5.1	7.6	3.0	0.51	Sn/CuFe
RLD30P300U	11.4	17.3	5.1	7.6	3.0	0.81	Sn/Cu
RLD30P400U	14.0	20.1	5.1	7.6	3.0	0.81	Sn/Cu
RLD30P500U	14.0	24.9	10.2	7.6	3.0	0.81	Sn/Cu
RLD30P600U	16.5	24.9	10.2	7.6	3.0	0.81	Sn/Cu
RLD30P700U	19.1	26.7	10.2	7.6	3.0	0.81	Sn/Cu
RLD30P800U	21.6	29.2	10.2	7.6	3.0	0.81	Sn/Cu
RLD30P900U	24.1	29.7	10.2	7.6	3.0	0.81	Sn/Cu



## Radial Leaded PTC Devices (60V)

Application : Wide variety of electronic equipment  
 Product Features : Low hold current, Solid state, Radial-leaded product ideal for up to 60V  
 Operation Current : 200mA ~ 3.75A  
 Maximum Voltage : 60V  
 Temperature Range : -40°C to 85°C

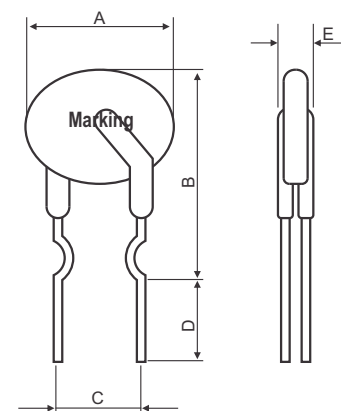


### Electrical Characteristics - 60V DC series

Part Number	I hold (A)	I trip (A)	V max (Vdc)	I max (A)	Pd max (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R min (Ω)	R1max (Ω)
RLD60P020X	0.20	0.40	60	40	0.41	1.00	2.2	1.83	4.40
RLD60P025X	0.25	0.50	60	40	0.45	1.25	2.5	1.25	3.00
RLD60P030X	0.30	0.60	60	40	0.49	1.50	3.0	0.88	2.10
RLD60P040X	0.40	0.80	60	40	0.56	2.00	3.8	0.55	1.29
RLD60P050X	0.50	1.00	60	40	0.77	2.50	4.0	0.50	1.17
RLD60P065X	0.65	1.30	60	40	0.88	3.25	5.3	0.31	0.72
RLD60P075X	0.75	1.50	60	40	0.92	3.75	6.3	0.25	0.60
RLD60P090X	0.90	1.80	60	40	0.99	4.50	7.2	0.20	0.47
RLD60P110X	1.10	2.20	60	40	1.50	5.50	8.2	0.15	0.38
RLD60P135X	1.35	2.70	60	40	1.70	6.75	9.6	0.12	0.30
RLD60P160X	1.60	3.20	60	40	1.90	8.00	11.4	0.09	0.22
RLD60P185X	1.85	3.70	60	40	2.10	9.25	12.6	0.08	0.19
RLD60P250X	2.50	5.00	60	40	2.50	12.50	15.6	0.05	0.13
RLD60P300X	3.00	6.00	60	40	2.80	15.00	19.8	0.04	0.10
RLD60P375X	3.75	7.50	60	40	3.20	18.75	24.0	0.03	0.08

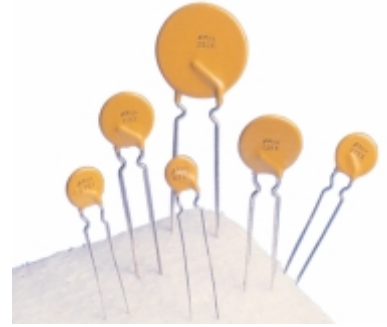
### Physical Dimensions (mm) 60 V DC series

Part Number	A (max)	B (max)	C (typ)	D (min)	E (max)	Physical Characteristics	
						Lead Ø	Material
RLD60P020X	7.4	12.2	5.1	7.6	3.1	0.51	Sn/CuFe
RLD60P025X	7.4	12.7	5.1	7.6	3.1	0.51	Sn/CuFe
RLD60P030X	7.4	13.0	5.1	7.6	3.1	0.51	Sn/CuFe
RLD60P040X	7.6	13.5	5.1	7.6	3.1	0.51	Sn/CuFe
RLD60P050X	7.9	13.7	5.1	7.6	3.1	0.51	Sn/Cu
RLD60P065X	9.7	14.5	5.1	7.6	3.1	0.51	Sn/Cu
RLD60P075X	10.4	15.2	5.1	7.6	3.1	0.51	Sn/Cu
RLD60P090X	11.7	15.7	5.1	7.6	3.1	0.51	Sn/Cu
RLD60P110X	13.0	18.0	5.1	7.6	3.1	0.81	Sn/Cu
RLD60P135X	14.5	19.6	5.1	7.6	3.1	0.81	Sn/Cu
RLD60P160X	16.3	21.3	5.1	7.6	3.1	0.81	Sn/Cu
RLD60P185X	17.8	22.9	5.1	7.6	3.1	0.81	Sn/Cu
RLD60P250X	21.3	26.4	10.2	7.6	3.1	0.81	Sn/Cu
RLD60P300X	24.9	30.0	10.2	7.6	3.1	0.81	Sn/Cu
RLD60P375X	28.4	33.5	10.2	7.6	3.1	0.81	Sn/Cu



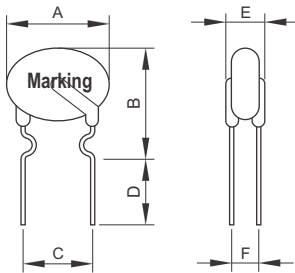
## Radial Leaded PTC Devices (90V)

Application : Cable /Telephone Electronics: Cable Power Passing Tap.  
 Product Features : Low hold current, Solid state, Radial-leaded product ideal for up to 90V  
 Operation Current : 100mA~900mA  
 Maximum Voltage : 90V  
 Temperature Range : -40°C to 85°C



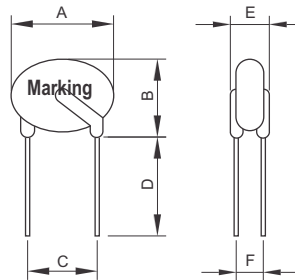
### Electrical Characteristics - 90V series

Part Number	I hold (A)	I trip (A)	Time max (Sec)	I max (A)	V max (Vdc)	Pd max (W)	Resistance	
							R min (Ω)	R1max (Ω)
RLD90P100R (U)	0.10	0.20	10	40	90	0.38	2.50	7.50
RLD90P150R (U)	0.15	0.35	10	40	90	0.70	2.40	7.00
RLD90P200R (U)	0.20	0.45	10	40	90	0.80	1.50	4.50
RLD90P250R (U)	0.25	0.55	10	40	90	0.90	1.25	3.70
RLD90P350R (U)	0.35	0.75	10	40	90	1.30	0.90	2.50
RLD90P550R (U)	0.55	1.20	12	40	90	1.50	0.45	1.50
RLD90P750R (U)	0.75	1.60	13	40	90	1.70	0.30	1.20
RLD90P900R (U)	0.90	2.00	20	40	90	2.30	0.15	0.70



RLD90P100R ~ RLD90P350R

Lead Size : 24AWG  
Ø 0.51mm



RLD90P550R ~ RLD90P900R

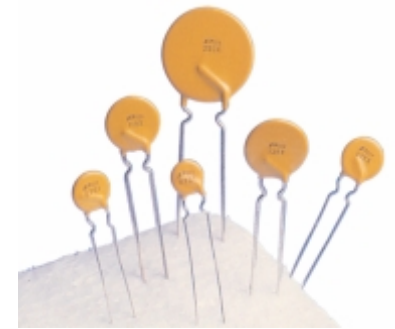
Lead Size : 20AWG  
Ø 0.81mm

### Physical Dimensions (mm) 90V series

Part Number	A (Max)	B (Max)	C (Typ)	D (Min)	E (Max)	F (Typ)
RLD90P100R (U)	7.4	12.7	5.1	7.6	3.6	1.4
RLD90P150R (U)	9.0	12.7	5.1	7.6	3.6	1.4
RLD90P200R (U)	9.0	12.7	5.1	7.6	3.6	1.4
RLD90P250R (U)	9.0	12.7	5.1	7.6	3.6	1.4
RLD90P350R (U)	9.0	12.7	5.1	7.6	3.6	1.4
RLD90P550R (U)	10.9	14.0	5.1	7.6	3.6	1.4
RLD90P750R (U)	11.9	15.5	5.1	7.6	3.6	1.4
RLD90P900R (U)	13.0	16.0	5.1	7.6	3.6	1.4

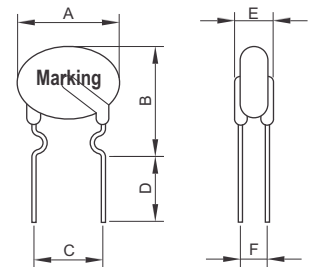
## Radial Leaded PTC Devices (120V)

Application : Wide variety of electronic equipment  
 Product Features : Low hold current, Solid state Radial-leaded product ideal  
 for up to 120VDC/ 120VAC  
 Operation Current : 100mA~3.75A  
 Maximum Voltage : 20VDC/120VAC  
 Temperature Range : -40°C to 85°C



### Electrical Characteristics - 120V series

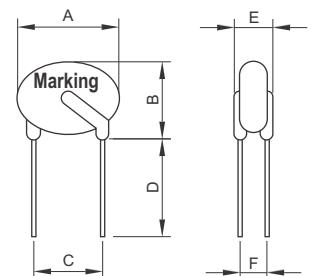
Part Number	I hold (A)	I trip (A)	Time max (Sec)	I max (A)	V max (Vdc)	Pd max (W)	Resistance	
							R min (Ω)	R1max (Ω)
RLD120P010X	0.10	0.20	4.0	2.0	120	0.57	2.50	7.50
RLD120P017X	0.17	0.34	3.0	2.0	120	0.59	2.00	7.00
RLD120P020X	0.20	0.40	2.2	2.0	120	0.62	1.83	4.40
RLD120P025X	0.25	0.50	2.5	3.0	120	0.68	1.25	3.00
RLD120P030X	0.30	0.60	3.0	3.0	120	0.74	0.88	2.10
RLD120P040X	0.40	0.80	3.8	3.0	120	0.84	0.55	1.29
RLD120P050X	0.50	1.00	4.0	3.0	120	1.16	0.50	1.17
RLD120P065X	0.65	1.30	5.3	3.0	120	1.32	0.31	0.72
RLD120P075X	0.75	1.50	6.3	5.0	120	1.38	0.25	0.60
RLD120P090X	0.90	1.80	7.2	5.0	120	1.49	0.20	0.47
RLD120P110X	1.10	2.20	8.2	5.0	120	2.25	0.15	0.38
RLD120P135X	1.35	2.70	9.6	8.0	120	2.55	0.12	0.30
RLD120P160X	1.60	3.20	11.4	8.0	120	2.85	0.09	0.22
RLD120P185X	1.85	3.70	12.6	8.0	120	3.15	0.08	0.19
RLD120P250X	2.50	5.00	15.6	12.0	120	3.75	0.05	0.13
RLD120P300X	3.00	6.00	19.8	15.0	120	4.20	0.04	0.10
RLD120P375X	3.75	7.50	24.0	15.0	120	4.80	0.03	0.08



RLD120P010X ~ RLD120P090X  
Lead Size : 22AWG  
Ø 0.65mm

### Physical Dimensions (mm) 120V series

Part Number	A (Max)	B (Max)	C (Typ)	D (Min)	E (Max)	F (Typ)
RLD120P010X	7.9	12.7	5.1	7.6	5.0	3.0
RLD120P017X	7.9	12.7	5.1	7.6	5.0	3.0
RLD120P020X	7.9	12.2	5.1	7.6	5.0	3.0
RLD120P025X	7.9	12.7	5.1	7.6	5.0	3.0
RLD120P030X	7.9	13.0	5.1	7.6	5.0	3.0
RLD120P040X	8.2	14.2	5.1	7.6	5.0	3.0
RLD120P050X	9.2	14.9	5.1	7.6	5.0	3.0
RLD120P065X	9.7	14.9	5.1	7.6	5.0	3.0
RLD120P075X	10.6	15.5	5.1	7.6	5.0	3.0
RLD120P090X	11.9	15.9	5.1	7.6	5.0	3.0
RLD120P110X	13.3	18.3	5.1	7.6	5.0	3.0
RLD120P135X	15.5	20.6	5.1	7.6	5.0	3.0
RLD120P160X	17.5	22.5	5.1	7.6	5.0	3.0
RLD120P185X	19.9	24.9	5.1	7.6	5.0	3.0
RLD120P250X	22.5	27.5	10.2	7.6	5.0	3.0
RLD120P300X	25.5	30.0	10.2	7.6	5.0	3.0
RLD120P375X	29.5	34.0	10.2	7.6	5.0	3.0



RLD120P110X ~ RLD120P375X.  
Lead Size : 20AWG  
Ø 0.81mm

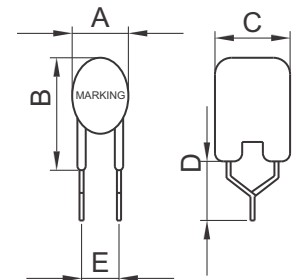
## Radial Ledged PTC Devices (250V)

Application	: Telecommunication and Data transmitting
Product Features	: Low hold current, Solid state Radial-ledged product ideal for upto 60V/250V/600V
Operation Current	: 0.08A ~ 0.18A
Maximum Voltage	: 60V/250V/600V
Temperature Range	: -40°C to 85°C



### Electrical Characteristics - 250V series

Part Number	Hold Current	Trip Current	Max Current	V max	PD Typ	Max Time To Trip		Resistance Tol		
	IH,A	IT,A	IMAX,A	(Vdc)	(W)	(I)amps	(T)sec	Rmin	Rmax	R1max
RLD250P050X	0.05	0.10	3.0	250	1	0.25	3.0	14.0	33.0	43.0
RLD250P080X	0.08	0.16	3.0	250	1	0.35	3.0	14.0	22.0	33.0
RLD250P110X	0.11	0.22	3.0	250	1	1.0	0.75	5.0	9.0	16.0
RLD250P120X	0.12	0.24	3.0	250	1	1.0	1.50	4.0	12.0	16.0
RLD250P145X	0.145	0.29	3.0	250	1	1.0	2.50	3.0	10.0	20.0
RLD250P180X	0.18	0.50	10.0	250	1	1.0	15.0	0.8	7.0	10.0
RLD250P200X	0.20	0.58	10.0	250	1	1.0	20.0	3.0	6.0	9.0
RLD250P400X	0.40	1.10	10.0	250	1	2.0	30.0	1.0	3.0	5.0
RLD250P600X	0.6	1.20	10.0	250	1	3.0	31.0	0.6	2.0	3.5
RLD250P800X	0.8	1.60	10.0	250	1	4.0	35.0	0.4	1.0	2.0
RLD250P1000X	1.0	2.0	10.0	250	1	5.0	40.0	0.50	0.75	1.5
RLD250P2000X	2.0	4.0	10.0	250	1	5.0	45.0	0.10	0.4	0.8
RLD600P150X	0.15	---	3.0	600	---	---	---	6.0	22.0	22.0
RLD600P160X	0.16	---	3.0	600	---	---	---	4.0	18.0	18.0

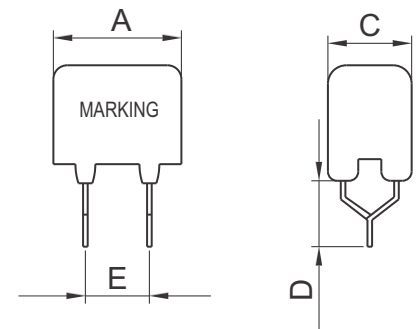


Lead Size : 22AWG  
Ø0.65mm

FIG 1

### Physical Dimensions (mm) 250V series

Part Number	A		B		C	D		E		Fig
	Min	Max	Min	Max	Typical	Min	Max	Min	Max	Min
RLD250P050X	-	5.5	-	8.0	5.0	4.7	-	4.6	-	1
RLD250P080X	-	5.8	-	9.9	5.0	4.7	-	4.6	-	1
RLD250P110X	-	5.8	-	9.9	5.0	4.7	-	4.6	-	2
RLD250P120X	-	6.5	-	11.0	5.0	4.7	-	4.6	-	2
RLD250P145X	-	6.5	-	11.0	5.0	4.7	-	4.6	-	2
RLD250P180X	-	10.4	-	13.6	5.0	4.7	-	4.6	-	2
RLD250P200X	-	10.0	-	12.5	5.0	4.7	-	5.1	-	2
RLD250P400X	-	10.2	-	13.0	5.0	4.7	-	5.1	-	1
RLD250P600X	-	11.6	-	14.0	5.0	4.7	-	5.1	-	1
RLD250P800X	-	14.0	-	18.5	5.0	4.7	-	5.1	-	1
RLD250P1000X	-	20.1	-	22.6	5.0	4.7	-	10.2	-	1
RLD250P2000X	-	22.5	-	29.0	5.0	4.7	-	10.2	-	1
RLD600P150X	-	13.5	-	12.6	5.0	4.7	-	6.0	-	2
RLD600P160X	-	16.0	-	12.6	5.0	4.7	-	6.0	-	2



Lead Size : 22AWG  
Ø0.65mm

FIG 2

## Surface Mount PTC- PSMD1812 Series

Application : All high-density boards  
 Product Features : Small surface mount, Solid state, Faster time to trip than standard SMD devices  
 Lower resistance than standard SMD devices  
 Operation Current : 140mA~2.0A  
 Maximum Voltage : 6V~60V  
 Temperature Range : -40°C to 85°C



### Electrical Characteristics (23°C)

Part Number	I hold (A)	I trip (A)	V max (Vdc)	I max (A)	Pd max (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R min (Ω)	R1max (Ω)
PSMD014-1812	0.14	0.30	60	10	0.8	8.0	<0.02	1.50	6.50
PSMD020-1812	0.20	0.40	30	10	0.8	8.0	0.02	0.80	5.00
PSMD035-1812	0.35	0.70	16	40	0.8	8.0	0.10	0.32	1.50
PSMD050-1812	0.50	1.00	16	40	0.8	8.0	0.15	0.15	1.00
PSMD075-1812	0.75	1.50	16	40	0.8	8.0	0.02	0.11	0.45
PSMD110-1812	1.10	2.20	6	40	0.8	8.0	0.30	0.04	0.21
PSMD150-1812	1.50	3.00	6	40	0.8	8.0	0.50	0.04	0.11
PSMD160-1812	1.60	3.20	6	40	0.8	8.0	<0.5	0.03	0.10
PSMD200-1812	2.00	3.50	8	40	0.8	8.0	2	0.02	0.07

I<sub>T</sub> = Trip current-minimum current at which the device will always trip at 23°C still air.  
 V<sub>MAX</sub> = Maximum voltage device can withstand without damage at it rated current.(I<sub>max</sub>)  
 I<sub>MAX</sub> = Maximum fault current device can withstand without damage at rated voltage (V<sub>max</sub>).  
 P<sub>d</sub> = Typical power dissipated-type amount of power dissipated by the device when in the tripped state in 23°C still air environment.  
 R<sub>MIN</sub> = Minimum device resistance at 23°C prior to tripping.  
 R<sub>1MAX</sub> = Maximum device resistance at 23°C measured 1 hour post trip.  
 Termination pad characteristics  
 Termination pad materials: Tin-plated copper

**Note:** Applicable For All Series

## Surface Mount PTC- PSMD1812 Series (cont.)

### Physical Dimensions (mm)

Part Number	Fig.	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
PSMD014-1812	1	4.37	4.73	3.07	3.41	0.60	0.90	0.3
PSMD020-1812	1	4.37	4.73	3.07	3.41	0.60	0.90	0.3
PSMD035-1812	1	4.37	4.73	3.07	3.41	0.40	0.70	0.3
PSMD050-1812	1	4.37	4.73	3.07	3.41	0.35	0.65	0.3
PSMD075-1812	1	4.37	4.73	3.07	3.41	0.35	0.65	0.3
PSMD110-1812	1	4.37	4.73	3.07	3.41	0.25	0.55	0.3
PSMD150-1812	2	4.37	4.73	3.07	3.55	0.25	0.55	0.3
PSMD160-1812	2	4.37	4.73	3.07	3.41	0.25	0.90	0.3
PSMD200-1812	2	4.37	4.73	3.07	3.41	0.50	0.90	0.3

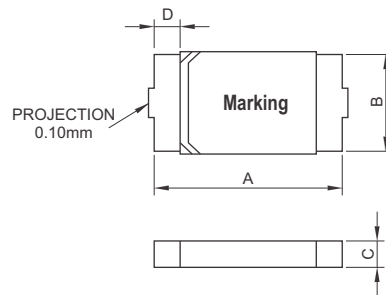


Figure-1

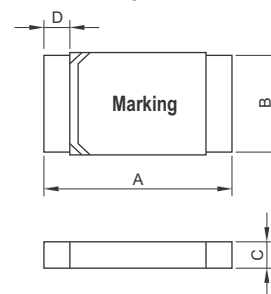
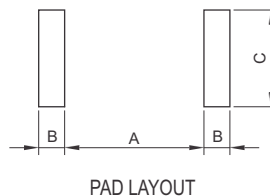


Figure-2

### Pad Layouts- Solder Reflow and Rework Recommendations

The dimension in the table below provide the recommended pad layout for each PSMD1812 device

Pad Dimensions (mm)			
Device	A Nominal	B Nominal	C Nominal
PSMD014-1812	3.45	1.78	3.50
PSMD020-1812	3.45	1.78	3.50
PSMD035-1812	3.45	1.78	3.50
PSMD050-1812	3.45	1.78	3.50
PSMD075-1812	3.45	1.78	3.50
PSMD110-1812	3.45	1.78	3.50
PSMD150-1812	3.45	1.78	3.50
PSMD160-1812	3.45	1.78	3.50
PSMD200-1812	3.45	1.78	3.50



### Solder reflow

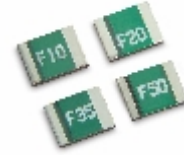
Due to "Lead Free" nature, up to 40 seconds Dwelling time for the soldering zone is strongly recommended.

1. Recommended reflow methods; IR, vapor phase oven, hot air oven.
2. The PSMD1812 Series are suitable for use with wave-solder application methods.
3. Recommended maximum paste thickness is 0.25mm.
4. Devices can be cleaned using standard industry methods and solvents.

**Note:** Applicable for all series

## Surface Mount PTC- PSMD1210 Series

Application	: All high-density boards
Product Features	: Small surface mount, Solid state Faster time to trip than standard SMD devices Lower resistance than standard SMD devices
Operation Current	: 50mA~1.5A
Maximum Voltage	: 6V~60V
Temperature Range	: -40°C to 85°C

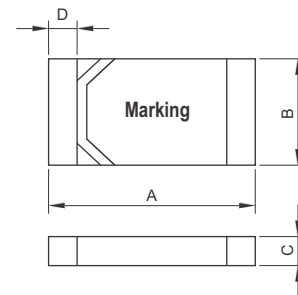


### Electrical Characteristics (23°C)

Part Number	I hold (A)	I trip (A)	V max (Vdc)	I max (A)	Pd max (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R min (Ω)	R1max (Ω)
PSMD005-1210	0.05	0.15	60	10	0.60	0.25	1.50	3.60	50.00
PSMD010-1210	0.10	0.25	60	10	0.60	0.50	1.50	2.10	15.00
PSMD020-1210	0.20	0.40	30	10	0.60	8.00	0.02	0.80	5.00
PSMD035-1210	0.35	0.70	20	40	0.60	8.00	0.20	0.32	1.30
PSMD050-1210	0.50	1.00	16	40	0.60	8.00	0.10	0.25	0.90
PSMD075-1210	0.75	1.50	8	40	0.60	8.00	0.10	0.13	0.40
PSMD110-1210	1.10	2.20	6	40	0.80	8.00	0.30	0.07	0.21
PSMD150-1210	1.50	3.00	6	40	0.80	8.00	0.50	0.04	0.12

### Physical Dimensions (mm)

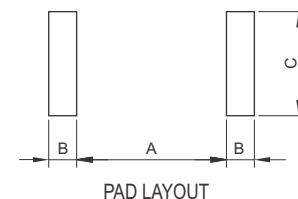
Part Number	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
PSMD005-1210	3.00	3.43	2.35	2.80	0.60	1.15	0.25
PSMD010-1210	3.00	3.43	2.35	2.80	0.60	1.15	0.25
PSMD020-1210	3.00	3.43	2.35	2.80	0.45	0.85	0.25
PSMD035-1210	3.00	3.43	2.35	2.80	0.45	0.80	0.25
PSMD050-1210	3.00	3.43	2.35	2.80	0.40	0.75	0.25
PSMD075-1210	3.00	3.43	2.35	2.80	0.35	0.70	0.25
PSMD110-1210	3.00	3.43	2.35	2.80	0.90	1.30	0.25
PSMD150-1210	3.00	3.43	2.35	2.80	1.45	2.25	0.25



### Pad Layouts- Solder Reflow and Rework Recommendations

The dimension in the table below provide the recommended pad layout for each PSMD1210 device

Pad Dimensions (mm)			
Device	A Nominal	B Nominal	C Nominal
PSMD005-1210	2.00	1.00	2.80
PSMD010-1210	2.00	1.00	2.80
PSMD020-1210	2.00	1.00	2.80
PSMD035-1210	2.00	1.00	2.80
PSMD050-1210	2.00	1.00	2.80
PSMD075-1210	2.00	1.00	2.80
PSMD110-1210	2.00	1.00	2.80
PSMD150-1210	2.00	1.00	2.80





## Surface Mount PTC- PSMD1206 Series

Application : All high-density boards  
 Product Features : Small surface mount, Solid state  
                           Faster time to trip than standard SMD devices  
                           Lower resistance than standard SMD devices  
 Operation Current : 50mA~1.5A  
 Maximum Voltage : 6V~60V  
 Temperature Range : -40°C to 85°C

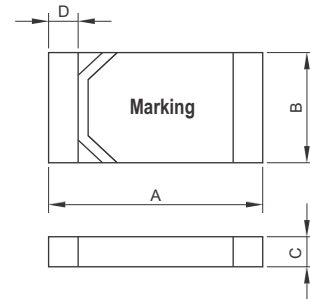


### Electrical Characteristics (23°C)

Part Number	I hold (A)	I trip (A)	V max (Vdc)	I max (A)	Pd max (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R min (Ω)	R1max (Ω)
PSMD005-1206	0.05	0.15	60	10	0.4	0.25	1.50	3.60	50.00
PSMD010-1206	0.10	0.25	60	10	0.4	0.50	1.00	1.60	15.00
PSMD020-1206	0.20	0.40	30	10	0.4	8.00	0.05	0.60	2.50
PSMD035-1206	0.35	0.75	16	40	0.4	8.00	0.10	0.30	1.20
PSMD050-1206	0.50	1.00	8	40	0.4	8.00	0.10	0.15	0.70
PSMD075-1206	0.75	1.50	6	40	0.6	8.00	0.20	0.10	0.29
PSMD100-1206	1.00	1.80	6	40	0.6	8.00	0.30	0.055	0.21
PSMD150-1206	1.50	3.00	6	40	0.8	8.00	1.00	0.040	0.12

### Physical Dimensions (mm)

Part Number	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
PSMD005-1206	3.0	3.5	1.50	1.80	0.45	0.75	0.10
PSMD010-1206	3.0	3.5	1.50	1.80	0.45	0.75	0.10
PSMD020-1206	3.0	3.5	1.50	1.80	0.45	0.75	0.10
PSMD035-1206	3.0	3.5	1.50	1.80	0.45	0.75	0.10
PSMD050-1206	3.0	3.5	1.50	1.80	0.45	0.75	0.10
PSMD075-1206	3.0	3.5	1.50	1.80	0.45	1.25	0.10
PSMD100-1206	3.0	3.5	1.50	1.80	0.75	1.25	0.10
PSMD150-1206	3.0	3.5	1.50	1.80	1.45	1.25	0.10



### Pad Layouts- Solder Reflow and Rework Recommendations

The dimension in the table below provide the recommended pad layout for each PSMD1206 device

Pad Dimensions (mm)			
Device	A Nominal	B Nominal	C Nominal
PSMD005-1206	2.00	1.00	1.90
PSMD010-1206	2.00	1.00	1.90
PSMD020-1206	2.00	1.00	1.90
PSMD035-1206	2.00	1.00	1.90
PSMD050-1206	2.00	1.00	1.90
PSMD075-1206	2.00	1.00	1.90
PSMD100-1206	2.00	1.00	1.90
PSMD150-1206	2.00	1.00	1.90

