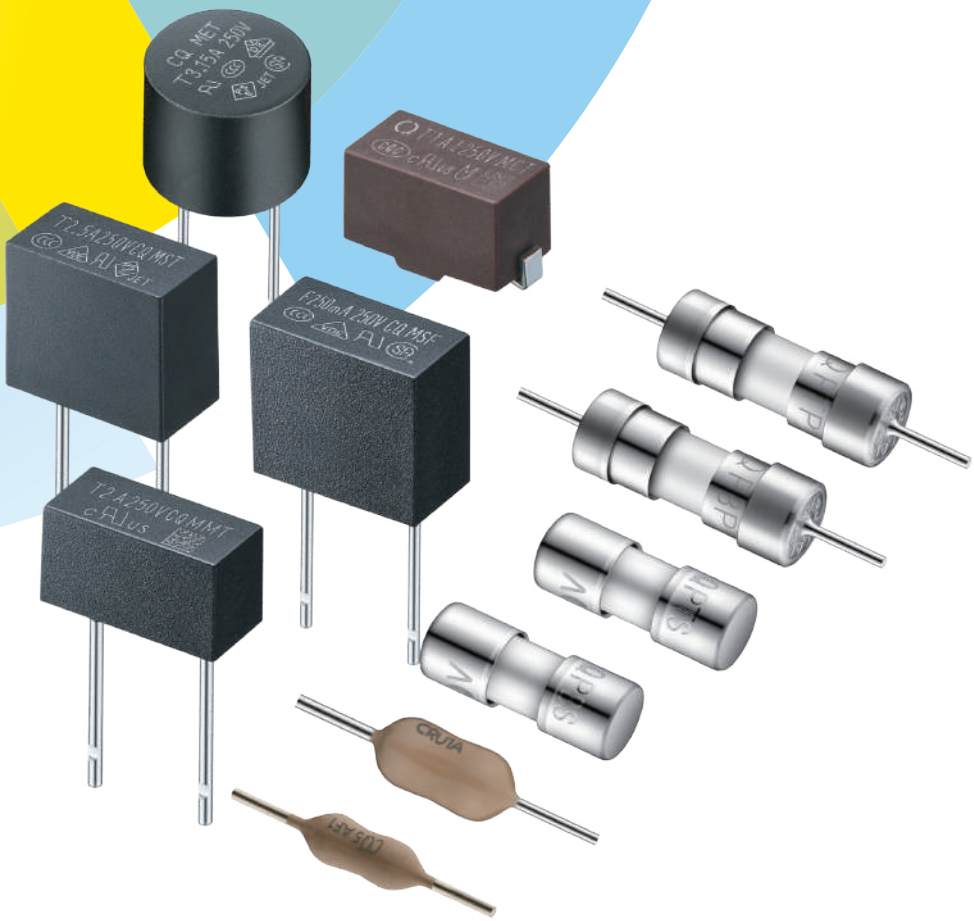


Subminiature Fuse

Conquer's best-selling fuse made with high frequency soldering technology, increasing fuse stability and reliability.

MCT

8.35 x 3.95 x 5.0 mm

Time-Lag Fuse

RoHS

Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	1A - 6.3A
TUV	1A - 6.3A
PSE	1A - 6.3A
KC	1A - 6.3A
CQC	1A - 6.3A

Interrupting Rating

160 amperes at 250V AC
100 amperes at 250V DC
130 amperes at 300V AC (Optional)
100 amperes at 400V AC (Optional)

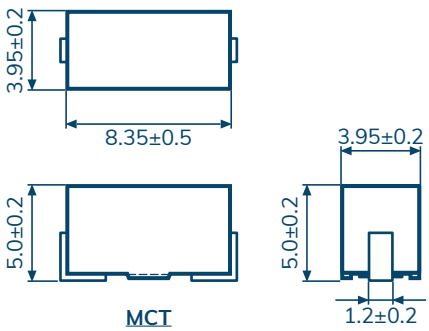
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Base and Cover: Brown thermoplastic, UL 94-V0 Flat lead wire: Tin Plated Copper

Packaging

Packaging Option	Quantity
On Tape	2,000 pcs / reel

Mechanical Dimensions (mm)



Electrical Characteristics

Ampere Rating	Opening Time			
	1.25 In	2 In	10 In	
	MIN	MAX	MIN	MAX
1A - 6.3A	60 min	2 min	10 ms	100 ms

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I²t (A² sec.)
MCT 001	1A	250V*1	0.0745	300	6.5998
MCT 1.25	1.25A		0.0576	300	9.2800
MCT 1.60	1.6A		0.0405	300	17.700
MCT 002	2A		0.0342	300	31.200
MCT 2.50	2.5A		0.0233	300	39.938
MCT 3.15	3.15A		0.0184	300	55.635
MCT 004	4A		0.0137	300	115.05
MCT 005	5A		0.0101	300	135.00
MCT 6.30	6.3A		0.0083	300	214.33

*1: 300V/400V optional

PFP

2.7Ø x 7.1 mm

Very Fast-Acting Fuse

Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	125mA - 15A
TUV	125mA - 5A
PSE	1A - 5A
CCC	500mA / 1A / 2A / 2.5A / 4A / 5A

Electrical Characteristics

Ampere Rating	Opening Time				
	1 In	2 In	2.75 In	4 In	10 In
	MIN	MAX	MAX	MAX	MAX
125mA - 5A	4 hr	1 sec	300 ms	30 ms	4 ms
5.1A - 7A	4 hr	1 sec	-	-	-
7.1A - 10A	4 hr	3 sec	-	-	-
12A - 15A	4 hr	10 sec	-	-	-

Interrupting Rating

125mA - 10A:	50 amperes at 125V AC 300 amperes at 125V DC
10.1A - 15A:	50 amperes at 32V AC 300 amperes at 32V DC

Product Characteristics

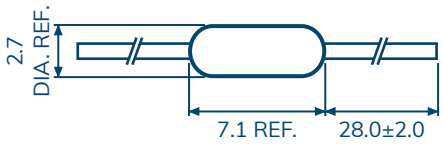
Operating Temperature	-55 °C to 125 °C
Material	Body: Encapsulated, Epoxy-Coated Leads Wire: Tin Plated Copper
Leads Wire	Ø0.65mm 10A and Less Ø0.8mm 12A and 15A

Packaging

Packaging Option	Quantity
In Bulk	3,000 pcs / box

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec.)
PFP .125	125mA	125V	0.3340	0.0152
PFP .375	375mA		0.2951	0.0268
PFP .500	500mA		0.2782	0.0750
PFP .750	750mA		0.1452	0.1867
PFP 001	1A		0.0745	0.2420
PFP 1.25	1.25A		0.0716	0.2603
PFP 1.50	1.5A		0.0544	0.4820
PFP 002	2A		0.0361	0.5414
PFP 2.50	2.5A		0.0257	1.2183
PFP 003	3A		0.0240	1.3511
PFP 3.50	3.5A		0.0218	2.3887
PFP 004	4A		0.0170	2.8269
PFP 005	5A		0.0144	6.3630
PFP 6.30	6.3A		0.0097	8.8884
PFP 007	7A		0.0090	10.071
PFP 010	10A		0.0055	30.384
PFP 012	12A	32V	0.0052	36.936
PFP 015	15A		0.0031	77.625

Mechanical Dimensions (mm)



PFP

PSP

2.7Ø x 7.1 mm

Time-Lag Fuse

Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	500mA - 5A
PSE	1A - 5A

Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	2 In
	MIN	MAX
500mA - 5A	4 hr	120 sec

Interrupting Rating

50 amperes at 125V AC/DC

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I²t (A² sec.)
PSP .500	500mA	125V	0.2755	0.420
PSP 001	1A		0.1346	1.017
PSP 1.50	1.5A		0.0594	3.418
PSP 002	2A		0.0445	6.293
PSP 2.50	2.5A		0.0278	11.03
PSP 003	3A		0.0255	16.74
PSP 004	4A		0.0166	20.39
PSP 005	5A		0.0129	21.51

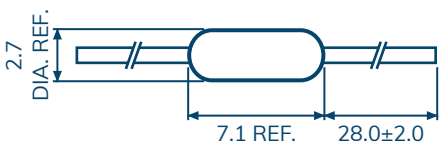
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Encapsulated, Epoxy-Coated Leads Wire: Tin Plated Copper
Leads Wire	Ø0.65mm

Packaging

Packaging Option	Quantity
In Bulk	3,000 pcs / box

Mechanical Dimensions (mm)



PSP

PMP

3.2Ø x 7.1 mm

Time-Lag Fuse

Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	375mA - 7A
PSE	1A - 5A (125V)

Interrupting Rating

50 amperes at 250V AC/ 125V DC

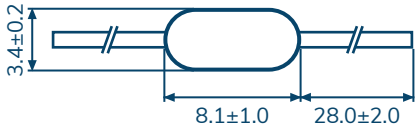
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Encapsulated, Epoxy-Coated Leads Wire: Tin Plated Copper
Leads Wire	Diameter Ø0.64mm

Packaging

Packaging Option	Quantity
In Bulk	2,000 pcs / box

Mechanical Dimensions (mm)



PMP

Electrical Characteristics

Ampere Rating	Opening Time						
	1 In	2 In		3 In		8 In	
	MIN	MIN	MAX	MIN	MAX	MIN	MAX
375mA - 7A	4 hr	1 sec	60 sec	200 ms	3 sec	20 ms	100 ms

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec.)
PMP .375	375mA	250V	0.3618	0.225
PMP .500	500mA		0.2455	0.484
PMP .600	600mA		0.2442	0.685
PMP .750	750mA		0.1733	1.311
PMP 001	1A		0.1109	2.304
PMP 1.50	1.5A		0.0898	5.103
PMP 002	2A		0.0457	8.748
PMP 2.50	2.5A		0.0313	12.36
PMP 003	3A		0.0242	13.37
PMP 3.50	3.5A		0.0211	19.74
PMP 004	4A		0.0158	22.18
PMP 005	5A		0.0128	45.90
PMP 007	7A		0.0090	91.26

PBS

3.6Ø x 10 mm

Fast-Acting Fuse

Agency Approvals

Agency	Ampere Rating
UL Listed	100mA - 8A

Interrupting Rating

50 amperes at 250V AC

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Brass

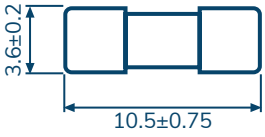
Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	2 In
	MIN	MAX
100mA - 8A	4 hr	5 sec

Packaging

Packaging Option	Quantity
Bulk	5,000 pcs / box

Mechanical Dimensions (mm)



PBS

PBP

3.6Ø x 10 mm

Fast-Acting Fuse

Agency Approvals

Agency	Ampere Rating
UL Listed	100mA - 8A
CSA Certified	100mA - 8A

Interrupting Rating

50 amperes at 250V AC

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Brass
Leads Wire	Ø0.6 mm 5A and less. Ø0.8 mm for rating above 6A to 7A. Ø1.0 mm for rating above 8A.
Option	* With Heat Shrink Tubing (VM-1) over body * PBP Series Available on Tape & reel

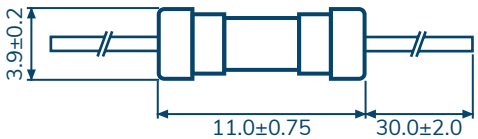
Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	2 In
	MIN	MAX
100mA - 8A	4 hr	5 sec

Packaging

Packaging Option	Quantity
Bulk	500 pcs / box
On Axial Tape & Reel	1,500 pcs / box

Mechanical Dimensions (mm)



PBP

PTS

3.6Ø x 10 mm

Time-Lag Fuse

Agency Approvals

Agency	Ampere Rating
UL Listed	100mA - 5A

Interrupting Rating

50 amperes at 250V AC

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Brass

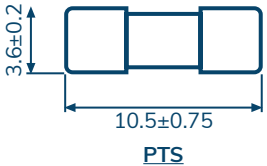
Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	2 In
	MIN	MAX
100mA to 5A	4 hr	60 sec

Packaging

Packaging Option	Quantity
Bulk	5,000 pcs / box

Mechanical Dimensions (mm)



PTS

PTP

3.6Ø x 10 mm

Time-Lag Fuse

Agency Approvals

Agency	Ampere Rating
UL Listed	100mA - 5A
CSA Certified	100mA - 5A

Interrupting Rating

50 amperes at 250V AC

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Brass
Leads Wire	Ø0.6 mm 5A and less. Ø0.8 mm for rating above 6A to 7A. Ø1.0 mm for rating above 8A.
Option	* With Heat Shrink Tubing (VM-1) over body * PTP Series Available on Tape & reel

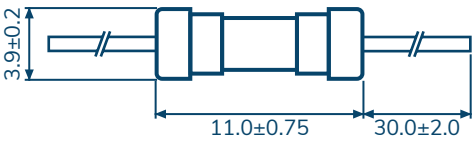
Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	2 In
	MIN	MAX
100mA to 5A	4 hr	60 sec

Packaging

Packaging Option	Quantity
Bulk	500 pcs / box
On Axial Tape & Reel	1,500 pcs / box

Mechanical Dimensions (mm)



PTP

PBU

3.6Ø x 10 mm

Fast-Acting Fuse

Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	500mA - 6.3A
VDE	500mA - 6.3A
CSA Acceptance	500mA - 6.3A
KTL	500mA - 6.3A
CCC	1A - 6.3A

Interrupting Rating

35 amperes or 10 x rated current; whichever is greater at 250V AC.

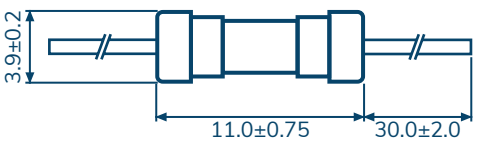
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic Caps: Nickel Plated Brass
Leads Wire	Ø0.6 mm 4A and less. Ø0.8 mm 5A and 6.3A

Packaging

Packaging Option	Quantity
Bulk	500 pcs / box
On Axial Tape & Reel	1,500 pcs / box

Mechanical Dimensions (mm)



PBU

Electrical Characteristics

Ampere Rating	Opening Time						
	1.5 In	2.1 In	2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MAX
500mA - 5A	60 min	30 min	10 ms	3 sec	3 ms	300 ms	20 ms
6.3A	60 min	30 min	50 ms	10 sec	5 ms	400 ms	20 ms

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I^2t (A^2 sec.)
PBU .500	500mA	250V	0.1270	350	0.1519
PBU .630	630mA		0.1150	320	0.1598
PBU .800	800mA		0.0940	300	0.2880
PBU 001	1A		0.0660	280	0.4572
PBU 1.25	1.25A		0.0470	280	0.8314
PBU 1.60	1.6A		0.0410	250	1.1354
PBU 002	2A		0.0310	240	1.8972
PBU 2.50	2.5A		0.0240	200	3.5370
PBU 3.15	3.15A		0.0160	180	6.3265
PBU 004	4A		0.0130	160	9.9302
PBU 005	5A		0.0110	150	15.131
PBU 6.30	6.3A		0.0070	150	44.922

PTU

3.6Ø x 10 mm

Time-Lag Fuse

RoHS

Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	250mA - 6.3A
VDE	250mA - 6.3A
CSA Acceptance	250mA - 6.3A
KTL	250mA - 6.3A
CCC	250mA - 6.3A

Interrupting Rating

35 amperes or 10 x rated current; whichever is greater at 250V AC.

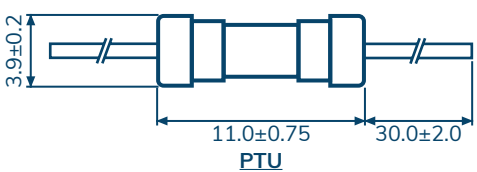
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic Caps: Nickel Plated Brass
Leads Wire	Ø0.6 mm 4A and less. Ø0.8 mm 5A and 6.3A

Packaging

Packaging Option	Quantity
Bulk	500 pcs / box
On Axial Tape & Reel	1,500 pcs / box

Mechanical Dimensions (mm)



PTU

Electrical Characteristics

Ampere Rating	Opening Time							
	1.5 In	2.1 In	2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
250mA - 6.3A	60 min	2 min	400 ms	10 sec	150 ms	3 sec	20 ms	150 ms

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I^2t (A^2 sec.)
PTU .250	250mA	250V	0.7310	240	0.3262
PTU .315	315mA		0.4720	220	0.5255
PTU .400	400mA		0.3160	200	0.7296
PTU .500	500mA		0.2560	190	1.3100
PTU .630	630mA		0.1700	180	2.6179
PTU .800	800mA		0.1130	160	4.0645
PTU 001	1A		0.0860	140	6.6388
PTU 1.25	1.25A		0.0640	130	14.738
PTU 1.60	1.6A		0.0460	120	29.768
PTU 002	2A		0.0340	100	32.976
PTU 2.50	2.5A		0.0260	100	61.200
PTU 3.15	3.15A		0.0190	100	91.197
PTU 004	4A		0.0140	100	149.98
PTU 005	5A		0.0100	100	188.60
PTU 6.30	6.3A		0.0080	100	276.76

MEF

8.35Ø x 7.7 mm

Fast-Acting Fuse

Agency Approvals

Agency	Ampere Rating
UL Recognized	50mA - 6.3A
VDE	50mA - 6.3A
CSA Acceptance	50mA - 6.3A
PSE	1A - 6.3A
CCC	50mA - 6.3A

Interrupting Rating

35 amperes or 10 x rated current; whichever is greater at 250V AC.

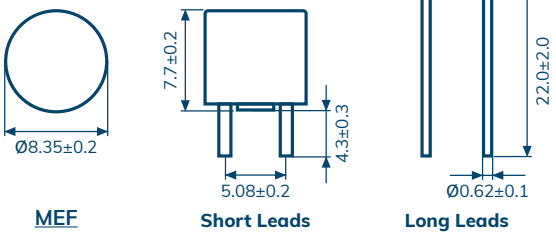
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Base and Cover: Black thermoplastic, UL 94-V0 Round Pins: Tin Plated Copper

Packaging

Packaging Option	Quantity
In Bulk	1,000 pcs / box
On Tape	1,000 pcs / box

Mechanical Dimensions (mm)



MEF | Short Leads | Long Leads

Electrical Characteristics

Ampere Rating	Opening Time						
	1.5 In	2.1 In	2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MAX
50mA - 5A	60 min	30 min	10 ms	3 sec	3 ms	300 ms	20 ms
6.3A	60 min	30 min	50 ms	10 sec	5 ms	400 ms	20 ms

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I^2t (A^2 sec.)
MEF .050	50mA	250V	5.4500	850	0.003000
MEF .063	63mA		2.8020	750	0.001429
MEF .080	80mA		1.7100	650	0.007258
MEF .100	100mA		1.1600	600	0.009000
MEF .125	125mA		1.0002	550	0.012566
MEF .160	160mA		0.8290	500	0.023040
MEF .200	200mA		0.5200	480	0.032400
MEF .250	250mA		0.7007	440	0.081563
MEF .315	315mA		0.3820	400	0.093768
MEF .400	400mA		0.3006	370	0.129600
MEF .500	500mA		0.2471	350	0.303750
MEF .630	630mA		0.1460	320	0.375071
MEF .800	800mA		0.1040	300	0.691200
MEF 001	1A		0.0800	280	0.720000
MEF 1.25	1.25A		0.0581	280	1.125000
MEF 1.60	1.6A		0.0406	250	3.225600
MEF 002	2A		0.0330	240	3.600000
MEF 2.50	2.5A		0.0229	200	7.031250
MEF 3.15	3.15A		0.0179	180	8.037225
MEF 004	4A		0.0133	160	19.40000
MEF 005	5A		0.0109	150	21.37500
MEF 6.30	6.3A		0.0087	130	42.86520

MET

8.35Ø x 7.7 mm

Time-Lag Fuse

RoHS

Agency Approvals

Agency	Ampere Rating
UL Recognized	50mA - 6.3A (250V/277V)
VDE	50mA - 6.3A
CSA Acceptance	50mA - 6.3A
TUV	8A / 10A
PSE	1A - 10A (250V/277V)
KTL	50mA - 6.3A
CCC	50mA - 6.3A

Interrupting Rating

35 amperes or 10 x rated current; whichever is greater at 250V AC.
35 amperes or 10 x rated current; whichever is greater at 277V AC. (Optional)

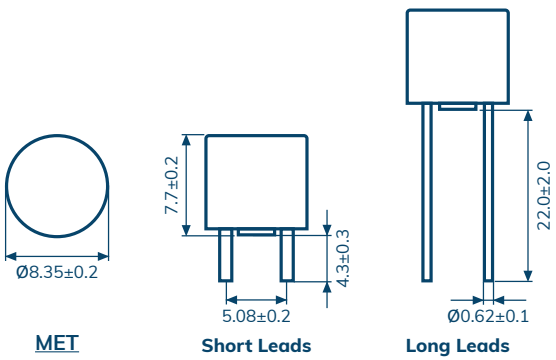
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Base and Cover: Black thermoplastic, UL 94-V0 Round Pins: Tin Plated Copper

Packaging

Packaging Option	Quantity
In Bulk	1,000 pcs / box
On Tape	1,000 pcs / box

Mechanical Dimensions (mm)



MET | Short Leads | Long Leads

Electrical Characteristics

Ampere Rating	Opening Time							
	1.5 In	2.1 In	2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
50mA - 6.3A	60 min	2 min	400 ms	10 sec	150 ms	3 sec	20 ms	150 ms
8A - 10A	60 min	5 min	1 sec	20 sec	150 ms	3 sec	20 ms	150 ms

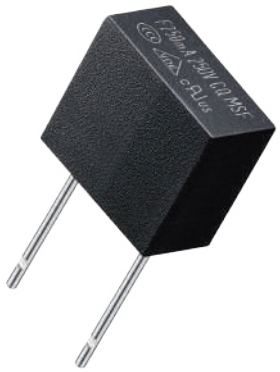
Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I²t (A² sec.)
MET .050	50mA	250V*1	8.9000	550	0.0225
MET .063	63mA		5.4053	480	0.0446
MET .080	80mA		3.6870	400	0.0634
MET .100	100mA		2.4063	350	0.1080
MET .125	125mA		1.6194	300	0.1223
MET .160	160mA		1.2458	280	0.1700
MET .200	200mA		0.8240	260	0.3060
MET .250	250mA		0.6300	240	0.6019
MET .315	315mA		0.3800	220	0.8216
MET .400	400mA		0.2700	200	1.4832
MET .500	500mA		0.1950	190	2.7000
MET .630	630mA		0.1322	180	3.1792
MET .800	800mA		0.0907	160	5.7600
MET 001	1A		0.0750	140	8.7300
MET 1.25	1.25A		0.0550	130	14.766
MET 1.60	1.6A		0.0425	120	23.040
MET 002	2A		0.0316	100	36.000
MET 2.50	2.5A		0.0241	100	56.250
MET 3.15	3.15A		0.0188	100	93.768
MET 004	4A		0.0136	100	158.40
MET 005	5A		0.0100	100	202.50
MET 6.30	6.3A		0.0074	100	310.77
MET 008	8A		0.0057	80	155.52
MET 010	10A		0.0034	75	360.00

* 1 : 277V Optional

MSF

8.35 x 4.3 x 7.7 mm

Fast-Acting Fuse



Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	50mA - 6.3A
VDE	50mA - 6.3A
CSA Acceptance	50mA - 6.3A
PSE	1A - 6.3A
CCC	50mA - 6.3A

Interrupting Rating

35 amperes or 10 x rated current; whichever is greater at 250V AC.

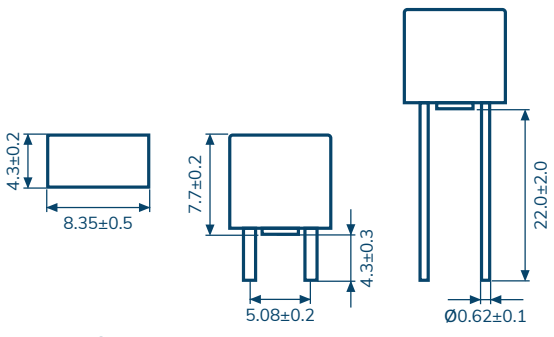
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Base and Cover: Black thermoplastic, UL 94-V0 Round Pins: Tin Plated Copper

Packaging

Packaging Option	Quantity
In Bulk	1,000 pcs / box
On Tape	1,000 pcs / box

Mechanical Dimensions (mm)



MSF | Short Leads | Long Leads

Electrical Characteristics

Ampere Rating	Opening Time						
	1.5 In	2.1 In	2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MAX
50mA - 5A	60 min	30 min	10 ms	3 sec	3 ms	300 ms	20 ms
6.3A	60 min	30 min	50 ms	10 sec	5 ms	400 ms	20 ms

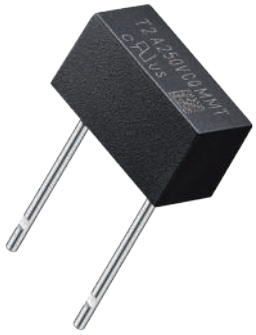
Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I^2t (A^2 sec.)
MSF .050	50mA	250V	5.4500	850	0.003000
MSF .063	63mA		2.8020	750	0.001429
MSF .080	80mA		1.7100	650	0.007258
MSF .100	100mA		1.1600	600	0.009000
MSF .125	125mA		0.6730	550	0.012656
MSF .160	160mA		1.4923	500	0.023040
MSF .200	200mA		1.0965	480	0.032400
MSF .250	250mA		0.7007	440	0.081563
MSF .315	315mA		0.3820	400	0.093768
MSF .400	400mA		0.3006	370	0.129600
MSF .500	500mA		0.2471	350	0.303750
MSF .630	630mA		0.1460	320	0.375071
MSF .800	800mA		0.1040	300	0.691200
MSF 001	1A		0.0800	280	0.720000
MSF 1.25	1.25A		0.0581	280	1.125000
MSF 1.60	1.6A		0.0406	250	2.188800
MSF 002	2A		0.0330	240	3.600000
MSF 2.50	2.5A		0.0229	200	7.031250
MSF 3.15	3.15A		0.0179	180	8.037225
MSF 004	4A		0.0133	160	19.44000
MSF 005	5A		0.0109	150	21.37500
MSF 6.30	6.3A		0.0087	130	46.43730

MMT

8.35 x 3.95 x 5.0 mm

Time-Lag Fuse

2015 Taiwan Excellence Award Recipient



RoHS

Agency Approvals

Agency	Ampere Rating
35 amperes or 10 x rated current ; whichever is greater at 250V AC	
Recognized Component for Canada and US	50mA - 6.3A
TUV	50mA - 6.3A
PSE	1A - 6.3A
KTL	50mA - 6.3A
CCC	50mA - 6.3A
160 amperes at 250V AC(optional)	
Recognized Component for Canada and US	50mA - 6.3A
100 amperes at 250V DC(optional)	
Recognized Component for Canada and US	50mA - 6.3A
130 amperes at 300V AC (optional)	
Recognized Component for Canada and US	50mA - 6.3A
100 amperes at 400V AC (optional)	
Recognized Component for Canada and US	50mA - 6.3A

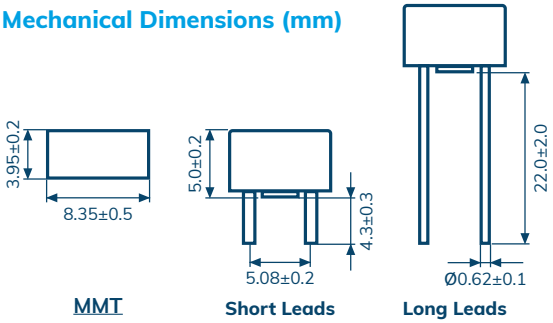
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Base and Cover: Black thermoplastic, UL 94-V0 Round Pins: Tin Plated Copper

Packaging

Packaging Option	Quantity
In Bulk	1,000 pcs / box
On Tape	1,000 pcs / box

Mechanical Dimensions (mm)



MMT | Short Leads | Long Leads

Electrical Characteristics

Ampere Rating	Opening Time							
	1.5 In		2.1 In		2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
50mA - 6.3A	60 min		2 min		400 ms	10 sec	150 ms	3 sec	20 ms	150 ms

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I^2t (A^2 sec.)
MMT .050	50mA	250V*1	8.9000	550	0.0225
MMT .063	63mA		5.4053	480	0.0446
MMT .080	80mA		3.6870	400	0.0634
MMT .100	100mA		2.4063	350	0.1080
MMT .125	125mA		1.6194	300	0.1223
MMT .160	160mA		1.2458	280	0.2444
MMT .200	200mA		0.8240	260	0.3060
MMT .250	250mA		0.6300	240	0.6019
MMT .315	315mA		0.3800	220	0.8216
MMT .400	400mA		0.2700	200	1.4832
MMT .500	500mA		0.1861	190	2.7000
MMT .630	630mA		0.1401	180	3.1792
MMT .800	800mA		0.0982	160	5.7600
MMT 001	1A		0.0757	140	8.7300
MMT 1.25	1.25A		0.0550	130	9.2800
MMT 1.60	1.6A		0.0426	120	17.700
MMT 002	2A		0.0318	100	36.000
MMT 2.50	2.5A		0.0246	100	39.938
MMT 3.15	3.15A		0.0173	100	55.635
MMT 004	4A		0.0126	100	115.05
MMT 005	5A		0.0090	100	135.00
MMT 6.30	6.3A		0.0073	100	214.33

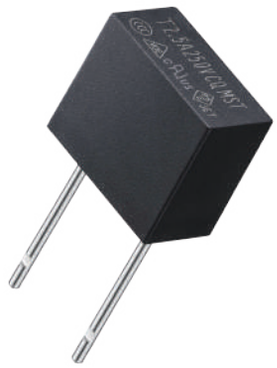
* 1 : 300V/400V optional

MST

8.35 x 4.3 x 7.7 mm

Time-Lag Fuse

The best-selling fuse of its kind the world



Agency Approvals

Agency	Ampere Rating
35 amperes or 10 x rated current ; whichever is greater at 250V AC	
Recognized Component for Canada and US	50mA - 10A
VDE	50mA - 6.3A
CSA Acceptance	50mA - 6.3A
TUV	50mA - 10A
PSE	1A - 10A
KTL	50mA - 6.3A
CCC	50mA - 10A
SEMKO	63mA - 10A
130 amperes at 250V AC(optional)	
Recognized Component for Canada and US	50mA - 10A
TUV	50mA - 10A
KTL	500mA - 6.3A
CQC	500mA - 10A
50 amperes at 300V AC(optional)	
Recognized Component for Canada and US	50mA - 10A
TUV	50mA - 10A
100 amperes at 400V AC (optional)	
Recognized Component for Canada and US	50mA - 10A
100 amperes at 250V DC (optional)	
Recognized Component for Canada and US	50mA - 10A
TUV	50mA - 10A

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Base and Cover: Black thermoplastic, UL 94-V0 Round Pins: Tin Plated Copper

Packaging

Packaging Option	Quantity
In Bulk	1,000 pcs / box
On Tape	1,000 pcs / box

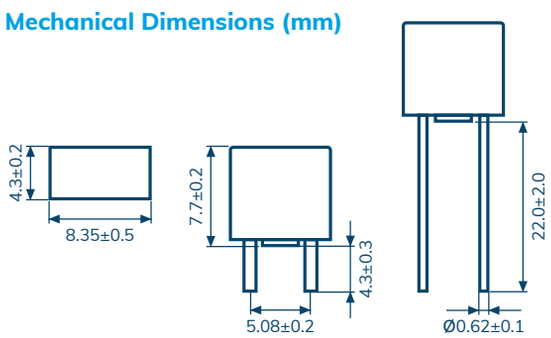
Electrical Characteristics

Ampere Rating	Opening Time							
	1.5 In	2.1 In	2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
50mA - 6.3A	60 min	2 min	400 ms	10 sec	150 ms	3 sec	20 ms	150 ms
8A - 10A	60min	5 min	1 sec	20 sec	150 ms	3sec	20 ms	150 ms

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Voltage Drop (mv) MAX	Nominal Melting I²t (A² sec.)
MST .050	50mA	250V*1	8.9000	550	0.0225
MST .063	63mA		5.4053	480	0.0446
MST .080	80mA		3.6870	400	0.0760
MST .100	100mA		2.4063	350	0.1080
MST .125	125mA		1.6194	300	0.1223
MST .160	160mA		1.2458	280	0.1700
MST .200	200mA		0.8240	260	0.3060
MST .250	250mA		0.6300	240	0.6019
MST .315	315mA		0.3800	220	0.8216
MST .400	400mA		0.2700	200	1.4832
MST .500	500mA		0.1950	190	2.7000
MST .630	630mA		0.1322	180	3.1792
MST .800	800mA		0.0907	160	5.7600
MST 001	1A		0.0750	140	8.7300
MST 1.25	1.25A		0.0550	130	14.766
MST 1.60	1.6A		0.0425	120	23.040
MST 002	2A		0.0316	100	36.000
MST 2.50	2.5A		0.0241	100	56.250
MST 3.15	3.15A		0.0188	100	93.768
MST 004	4A		0.0136	100	158.40
MST 005	5A		0.0100	100	202.50
MST 6.30	6.3A		0.0074	100	310.77
MST 008	8A		0.0057	80	368.64
MST 010	10A		0.0034	75	400.00

* 1 : 300V/400V optional

Mechanical Dimensions (mm)



MST Short Leads Long Leads