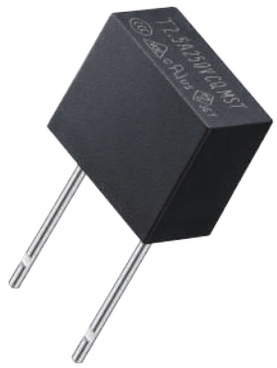
MST

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

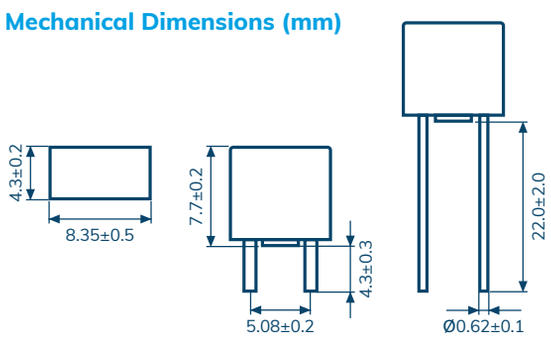
Electrical Characteristics

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