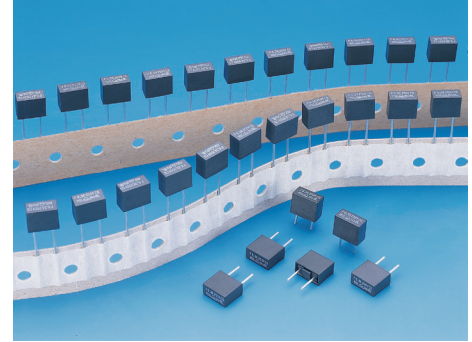


Type MST



Time Lag Radial Lead Micro Fuse Series



Interrupting Rating

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

VDE	40mA~6.3A
TUV	40mA~10A
CSA Acceptance	40mA~6.3A
UL Recognized	40mA~6.3A
PSE	1A~10A
CCC	40mA~6.3A
KTL	40mA~6.3A

130 amperes at 250V AC(optional)

Recognized Component for Canada and U.S.	40mA~10A
PSE	1A~10A
TUV	40mA~10A
CQC	500mA~10A

50 amperes at 300V AC(optional)

Recognized Component for Canada and U.S.	40mA~10A
PSE	1A~10A
TUV	40mA~10A

100 amperes at 400V AC(optional)

Recognized Component for Canada and U.S.	40mA~10A
PSE	1A~10A

Electrical Characteristic

Rated Current	1.5In		2.1In		2.75In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
40mA~5A	60 min	2 min	400 ms	10 sec	150 ms	3 sec	20 ms	150 ms		
6.3A~10A	60 min	2 min	400 ms	10 sec	150 ms	3 sec	15 ms	150 ms		

Environmental Specification

Operating Temperature

-55°C to +125°C

Vibration

MIL-STD-202G, Method 201(10-55 Hz x 3axis/no load)

Salt Spray

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

Insulation Resistance

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

Resistance to Solder Heat

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

Thermal Shock:

MIL-STD-202G, Method 107, Test Condition B (-65°C to +125°C)

Physical Specification

Material

Base and Cap: Black thermoplastic, UL 94-V0
Round Pins: Copper, Tin-plated

Packaging

1. In bulk: 1,000 pcs per box.
2. On Tap: Ammo pack, 1,000 pcs box

Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Voltage Drop (mv) MAX	Nominal Melting I ² t A ² Sec
MST .040	40mA	250V*1	10.100	600	0.0160
MST .050	50mA		8.9000	550	0.0165
MST .063	63mA		6.7000	480	0.0168
MST .080	80mA		3.1000	400	0.0172
MST .100	100mA		2.1170	350	0.0740
MST .125	125mA		1.4377	300	0.1090
MST .160	160mA		1.2458	280	0.1500
MST .200	200mA		0.8240	260	0.2600
MST .250	250mA		0.6300	240	0.4700
MST .315	315mA		0.3800	220	0.7700
MST .400	400mA		0.2700	200	1.2000
MST .500	500mA		0.1950	190	1.9500
MST .630	630mA		0.1322	180	3.1000
MST .800	800mA		0.0907	160	5.1000
MST 001	1A		0.0750	140	10.500
MST 1.25	1.25A		0.0550	130	12.500
MST 1.60	1.6A		0.0425	120	20.000
MST 002	2A		0.0316	100	32.000
MST 2.50	2.5A		0.0241	100	49.000
MST 3.15	3.15A		0.0188	100	78.000
MST 004	4A		0.0136	100	138.00
MST 005	5A	0.0100	100	185.00	
MST 6.30	6.3A	0.0074	100	315.00	
MST 008	8A	0.0042	100	204.00	
MST 010	10A	0.0030	100	310.00	

*1 : 300V/400V optional

Mechanical Dimensions

