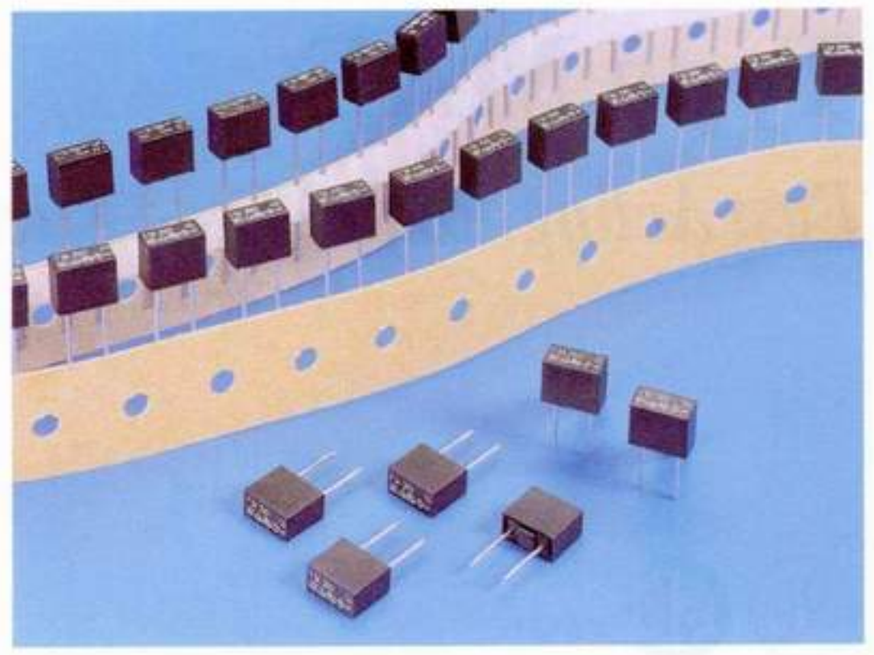
Type MST

Time Lag Radial Lead Micro Fuse Series



Approvals

VDE	40mA~6.3A
CSA Acceptance	40mA~6.3A
UL Recognized	40mA~6.3A
MITI	1A~5A
SEMKO	40mA~4A
CCC	40mA~4A

Electrical Characteristics

Rated	1.5In		2.1In		2.75In		4 In		10 In	
Current	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		
6.3 A	60 min	2 min	400 ms	10 sec	150 ms	3 sec	15 ms	150 ms		

Interrupting Ratings

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

Environmental Specification

Operating Temperature

-55°C to +125°C

Shock

MIL-STD-202, Method 213, Condition 1 (Saw tooth)

Vibration

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

Salt Spray

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

Insulation Resistance

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

Resistance to Solder Heat

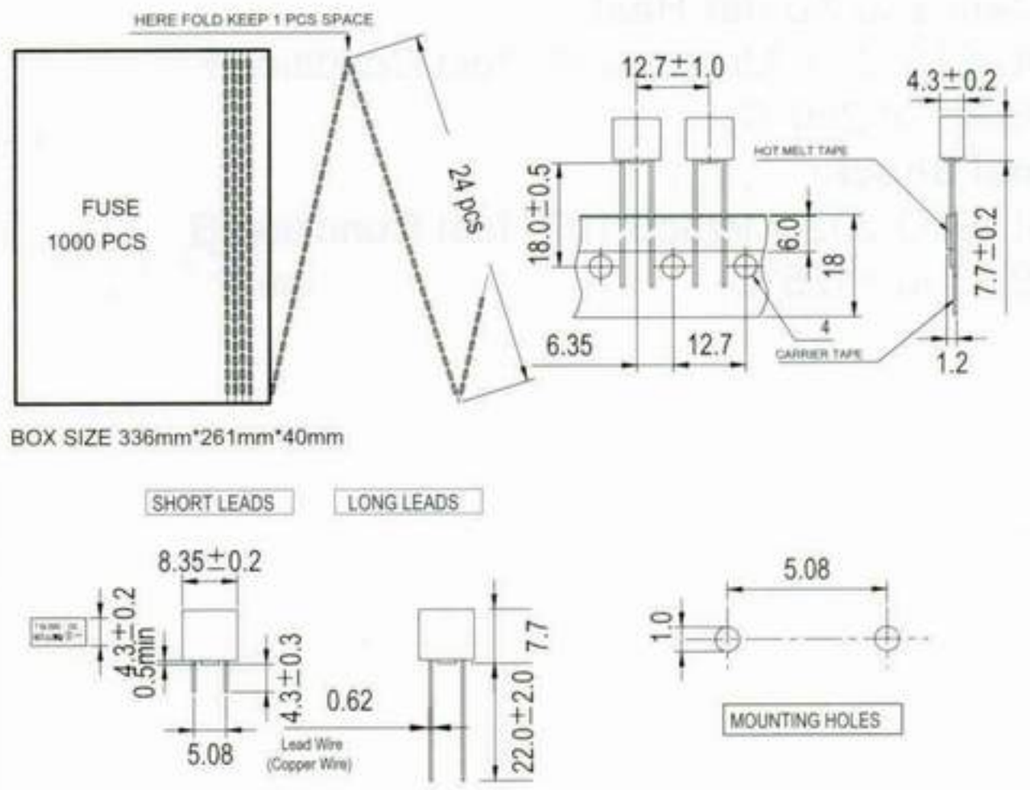
MIL-STD-202, Method 210, Test Condition F
(10sec,at 260°C)

Thermal Shock:

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

Cartridge Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Voltage Drop (mv)MAX	Nominal Melting I^2t A^2 Sec
MST .040	40 mA		10.1000	600	0.016000
MST .050	50 mA		6.8470	550	0.020000
MST .063	63 mA		4.6550	500	0.027700
MST .080	80 mA		2.8730	400	0.030000
MST .100	100 mA		2.1170	350	0.040000
MST .125	125 mA		1.2560	300	0.080000
MST .160	160 mA		0.8230	250	0.150000
MST .200	200 mA		0.5960	250	0.260000
MST .250	250 mA		0.4050	220	0.470000
MST .315	315 mA		0.2670	200	0.770000
MST .400	400 mA		0.2000	180	1.200000
MST .500	500 mA	250V	0.1770	170	1.950000
MST .630	630 mA		0.1270	160	3.100000
MST .800	800 mA		0.0860	150	5.100000
MST 001	1 A		0.0650	140	7.800000
MST 1.25	1.25 A		0.0500	130	12.50000
MST 1.60	1.6 A		0.0370	120	20.00000
MST 002	2 A		0.0300	100	32.00000
MST 2.50	2.5 A		0.0220	100	49.00000
MST 3.15	3.15 A		0.0170	100	78.00000
MST 004	4 A		0.0120	100	126.0000
MST 005	5 A		0.0091	100	198.0000
MST 6.30	6.3 A		0.0071	100	315.0000

Mechanical Dimensions



Physical Specification

Materials

Base and Cap: Black thermoplastic
Pin: Tin-lead plated alloy

Packaging

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

Patented