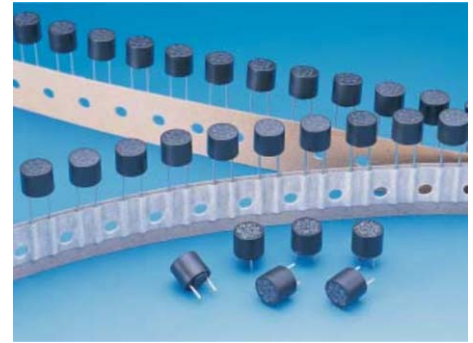


Type MET

RoHS

Pb

Time Lag Radial Lead Micro Fuse Series



Approvals

VDE	40mA~6.3A
UL Recognized	40mA~6.3A
CSA	40mA ~6.3A
MITI	1A ~ 5A
SEMKO	40mA~4A
CCC	40mA~6.3A
KTL	40mA~4A
TUV	8A~10A

Electrical Characteristics

Rated Current	1.5In 2.1In		2.75In		4 In		10 In	
	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~10A	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

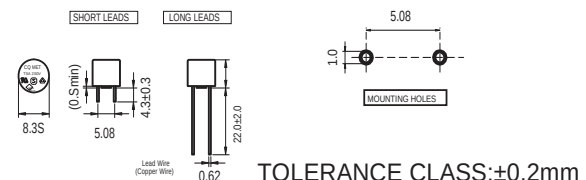
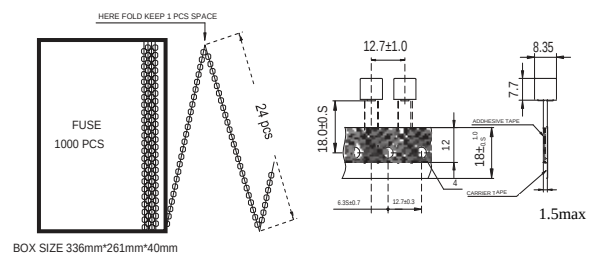
MIL-STD-202, Method 210, Test Condition F (10sec, at 260 C)

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 ² t A ² Sec
MET 0.040	40mA	250V	10.1000	600	0.016000
MET 0.050	50mA		6.8470	550	0.020000
MET 0.063	63mA		4.6550	500	0.027700
MET 0.080	80mA		2.8730	400	0.019200
MET 0.100	100mA		2.1170	350	0.030000
MET 0.125	125mA		1.2560	300	0.109000
MET 0.160	160mA		0.8230	250	0.133100
MET 0.200	200mA		0.5960	250	0.200000
MET 0.250	250mA		0.4050	220	0.375000
MET 0.315	315mA		0.2670	200	0.545700
MET 0.400	400mA		0.2000	180	1.040000
MET 0.500	500mA		0.1770	170	1.250000
MET 0.630	630mA		0.1270	160	2.302000
MET 0.800	800mA		0.0860	150	3.136000
MET 001	1 A		0.0650	140	6.500000
MET 1.25	1.25 A		0.0500	130	12.50000
MET 1.60	1.6 A		0.0370	120	18.94400
MET 002	2 A		0.0300	100	32.00000
MET 2.500	2.5 A		0.0220	100	37.50000
MET 3.150	3.15 A		0.0170	100	84.34100
MET 004	4 A		0.0120	100	144.0000
MET 005	5 A		0.0091	100	162.5000
MET 6.300	6.3 A		0.0071	100	277.8300
MET 008	8A		0.0043	100	440.7700
MET 0010	10A		0.0030	100	257.0000

Mechanical Dimensions



Physical Specification

Materials

Base and Cap: Black thermoplastic, UL 94-V0

Pin: Tin-lead plated alloy

Packaging

1. In bulk: 1,000 pcs per box.

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