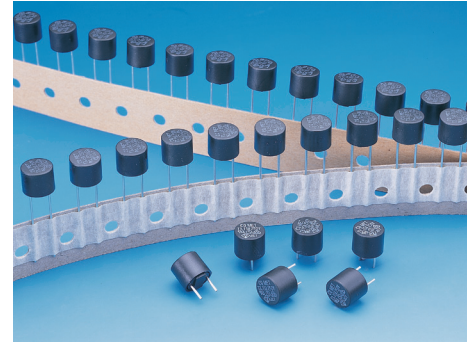


Type MET



Slow Blow Radial Lead Micro Fuse Series



Approval

VDE	40mA~6.3A
TUV	8A / 10A
UL Recognized	40mA~6.3A(250V/277V)
CSA Acceptance	40mA ~6.3A
PSE	1A ~ 10A(250V/277V)
SEMKO	40mA~4A
CCC	40mA~6.3A
KTL	40mA~6.3A

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	2	400	10	150	3	20	150		
	min	min	ms	sec	ms	sec	ms	ms		
6.3 A~10A	60	2	400	10	150	3	15	150		
	min	min	ms	sec	ms	sec	ms	ms		

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)

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
MET .040	40mA	250V*1	11.200	600	0.0160
MET .050	50mA		8.9000	550	0.0165
MET .063	63mA		6.7000	480	0.0168
MET .080	80mA		3.1000	400	0.0172
MET .100	100mA		2.1170	350	0.0170
MET .125	125mA		1.4377	300	0.1090
MET .160	160mA		1.2458	280	0.1500
MET .200	200mA		0.8240	260	0.2600
MET .250	250mA		0.6300	240	0.4700
MET .315	315mA		0.4060	220	0.7700
MET .400	400mA		0.2700	200	1.2000
MET .500	500mA		0.1950	190	1.9500
MET .630	630mA		0.1322	180	3.1000
MET .800	800mA		0.0907	160	3.1360
MET 001	1A		0.0750	140	7.8000
MET 1.25	1.25A		0.0600	130	12.500
MET 1.60	1.6A		0.0425	120	20.000
MET 002	2A		0.0316	100	32.000
MET 2.50	2.5A		0.0241	100	49.000
MET 3.15	3.15A		0.0188	100	78.000
MET 004	4A		0.0136	100	126.00
MET 005	5A		0.0100	100	185.00
MET 6.30	6.3A		0.0074	100	198.00
MET 008	8A		0.0053	100	204.00
MET 010	10A		0.0030	100	310.00

*1: 277V optional

Mechanical Dimensions

