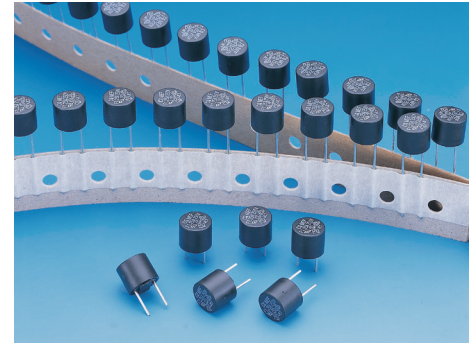


Type MEF



Fast Acting Radial Lead Micro Fuse Series



Approval

VDE	50mA~6.3A
UL Recognized	50mA~6.3A
CSA Acceptance	50mA~6.3A
PSE	1A~6.3A
CCC	50mA~5A
CQC	6.3A

Electrical Characteristic

Rated Current	1.5 In	2.1 In	2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MAX
50mA~5A	60 min	30 min	10 ms	3 sec	3 ms	300 ms	20 ms
6.3A	60 min	30 min	10 ms	5 sec	3 ms	300 ms	20 ms

Interrupting Rating

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

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
MEF .050	50mA	250V	4.1970	850	0.000675
MEF .063	63mA		2.8020	750	0.001429
MEF .080	80mA		1.7100	650	0.007258
MEF .100	100mA		1.1600	600	0.009000
MEF .125	125mA		1.0002	550	0.012656
MEF .160	160mA		0.8290	500	0.023040
MEF .200	200mA		0.5200	480	0.032400
MEF .250	250mA		0.7007	440	0.081563
MEF .315	315mA		0.3820	410	0.093768
MEF .400	400mA		0.3006	370	0.129600
MEF .500	500mA		0.2471	350	0.303750
MEF .630	630mA		0.1460	320	0.375071
MEF .800	800mA		0.1040	300	0.691200
MEF 001	1A		0.0800	280	0.720000
MEF 1.25	1.25A		0.0581	280	1.125000
MEF 1.60	1.6A		0.0406	250	2.188800
MEF 002	2A		0.0330	240	3.600000
MEF 2.50	2.5A		0.0229	200	7.031250
MEF 3.15	3.15A		0.0179	180	8.037225
MEF 004	4A		0.0133	160	19.440000
MEF 005	5A		0.0109	150	21.375000
MEF 6.30	6.3A		0.0087	150	42.865200

Mechanical Dimension

