

Type FMR-R-E

Fast Acting Micro Fuse

Radial Leaded – Long Leaded

Designed to Meet IEC Specifications



www.optifuse.com

(619) 593-5050

Agency Standards and Listings:



VDE	315mA~6.3A
UL Recognized	315mA~6.3A
PSE	1A~6.3A
SEMKO	315mA~6.3A
CQC	315mA~6.3A

Interrupt Ratings:

VDE, cURus, SEMKO, CQC - 35A or 10In whichever is greater
PSE - 100A 250 VAC

Operating Temperature: -55°C ~ +125°C

Physical Specifications (Materials):

Thermoplastic Body, UL 94V-0

Tin-Lead Plated Alloy Pins

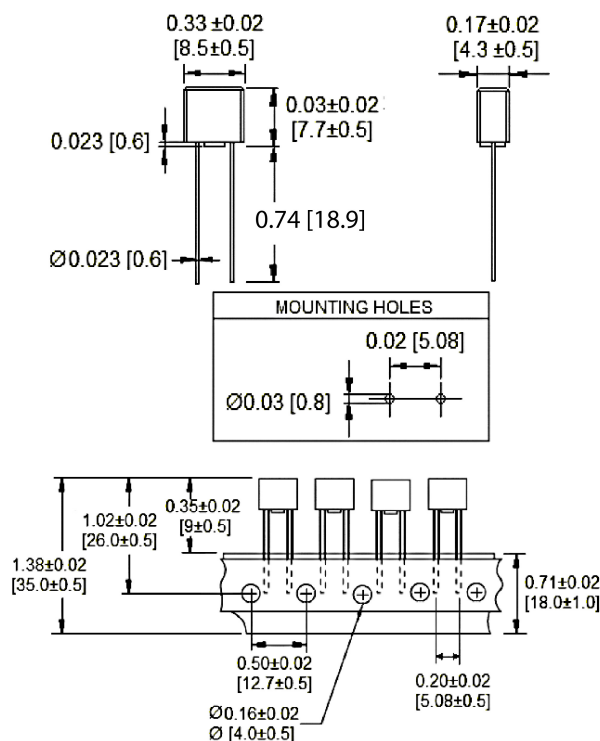
Packaging:

On Tape: Ammo Pack, 1,000 pcs per box

Electrical Characteristics:

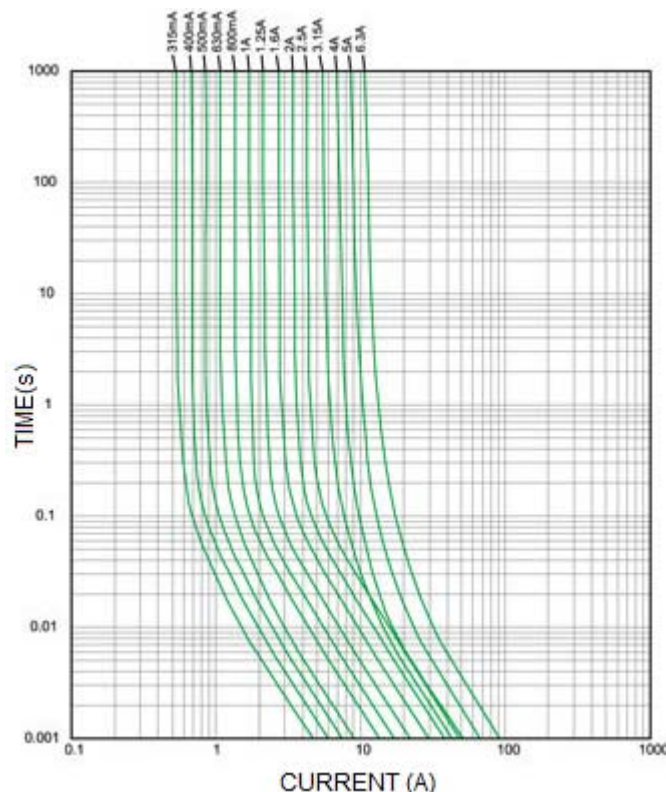
210%	275%	400%	1000%
MAX	MIN	MAX	MIN
30 m	10 ms	3 s	3 ms
		300 ms	20 ms

Mechanical Dimensions: Inches [mm]



Part Number	Ampere Rating	Voltage Rating	I²t
FMR-R-E-315mA	315mA	250V	0.02301
FMR-R-E-400mA	400mA		0.03848
FMR-R-E-500mA	500mA		0.06059
FMR-R-E-630mA	630mA		0.08831
FMR-R-E-800mA	800mA		0.1947
FMR-R-E-1A	1A		0.3133
FMR-R-E-1.25A	1.25A		0.5169
FMR-R-E-1.6A	1.6A		0.9379
FMR-R-E-2A	2A		1.542
FMR-R-E-2.5A	2.5A		2.555
FMR-R-E-3.15A	3.15A		2.085
FMR-R-E-4A	4A		2.816
FMR-R-E-5A	5A		5.473
FMR-R-E-6.3A	6.3A		10.31

TIME CURRENT CURVE



Warning:



-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.
-Micro Fuse device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.
-Avoid contact of Micro Fuse device with chemical solvent. Prolonged contact will damage the device performance.

Note: All specifications subject to change without notice.

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