# Type FMS-E Fast Acting Micro Fuse Radial Leaded – Short Leaded

Designed to Meet IEC Specifications



www.optifuse.com

(619) 593-5050

# **Agency Standards and Listings:**



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

#### **Interrupt Ratings:**

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

## **Physical Specifications (Materials):**

Thermoplastic Body, UL 94-V0 Tin-Lead Plated Alloy Pins

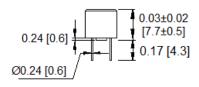
### **Electrical Characteristics:**

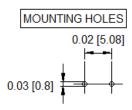
210%	275	275% 40		0%	1000%
MAX	MIN	MAX	MIN	MAX	MAX
30 min	10 ms	3 Sec	3 ms	300 ms	20 ms

#### Voltage Part **Ampere** $I^2T$ Number Rating Rating FMS-E-50mA 50mA 0.00033 0.00158 FMS-E-63mA 63mA FMS-E-80mA 80mA 0.00320 100mA 0.00500 FMS-E-100mA FMS-E-125mA 125mA 0.00625 FMS-E-160mA 160mA 0.00768 FMS-E-200mA 200mA 0.02400 FMS-E-250mA 250mA 0.04375 FMS-E-315mA 315mA 0.02301 400mA 0.03848FMS-E-400mA FMS-E-500mA 500mA 0.06059 250VAC FMS-E-630mA 630mA 0.08831 800mA 0.1947 FMS-E-800mA FMS-E-1A 1A 0.3133 1.25A **FMS-E-1.25A** 0.5169 **FMS-E-1.6A** 1.6A 0.9379 1.542 FMS-E-2A 2A FMS-E-2.5A 2.5A 2.555 **FMS-E-3.15A** 3.15A 2.085 FMS-E-4A 4A 2.816 FMS-E-5A 5A 5.473 10.31 **FMS-E-6.3A** 6.3A

#### **Mechanical Dimensions: Inches [mm]**







#### 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.

Rev B 04/2014 - Page: 1/1 Code: H01-01H