

FEATURES :

- * 0603 size (1.6 x 0.8 x 0.48mm)
- * Rugged ceramic and glass construction
- * Excellent environmental integrity

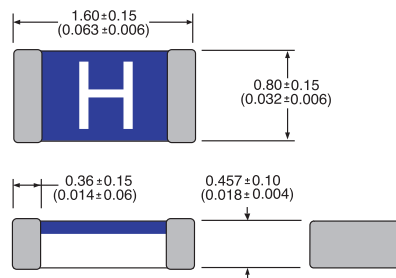
APPROVALS :

- * Recognized under the Components Program of U.L. File No. E195833
- * Certified under the Component Acceptance Program of CSA Certificate No. 208152

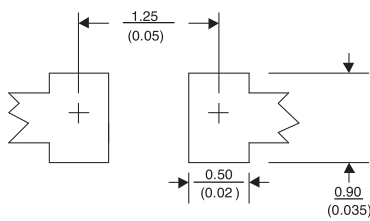


0603FA SERIES

DIMENSIONS :



LAND PATTERN :

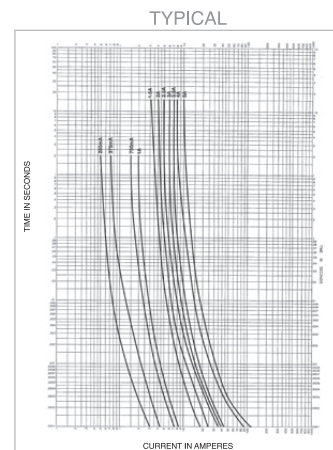


Unit : mm
(Inches)

ELECTRICAL CHARACTERISTICS :

| % of Ampere Rating | Opening Time |
|--------------------|--------------|
| 100% | 4 hours min |
| 200% | 60 sec max |
| 250% | 5 sec max |

AVERAGE TIME CURRENT CURVE :



SPECIFICATIONS :

| Product Code | Ampere Rating | Marking | Voltage Rating DC | Interrupting Rating*1 | Typical Melting I ² t @10In <Interrupting Rating (A ² sec)*2 |
|--------------|---------------|---------|-------------------|-----------------------|--|
| 0603FA 250mA | 250 mA | D | 50 V | 50 A | 0.0004 |
| 0603FA 375mA | 375 mA | E | 50 V | 50 A | 0.0009 |
| 0603FA 500mA | 500 mA | F | 50 V | 35 A | 0.00193 |
| 0603FA 750mA | 750 mA | G | 32 V | 50 A | 0.0090 |
| 0603FA 1A | 1 A | H | 32 V | 50 A | 0.0025 |
| 0603FA 1.25A | 1.25 A | J | 32 V | 35 A | 0.0130 |
| 0603FA 1.5A | 1.5 A | K | 32 V | 35 A | 0.0319 |
| 0603FA 2A | 2 A | N | 32 V | 35 A | 0.0491 |
| 0603FA 2.5A | 2.5 A | O | 24 V | 35 A | 0.0625 |
| 0603FA 3A | 3 A | P | 24 V | 35 A | 0.0699 |
| 0603FA 3.5A | 3.5 A | R | 24 V | 35 A | 0.1200 |
| 0603FA 4A | 4 A | S | 24 V | 35 A | 0.2430 |
| 0603FA 5A | 5 A | T | 24 V | 35 A | 0.6950 |

NOTE :

- DC Interrupting Rating - Measured at designated voltage, time constant of less than 50 microseconds, battery source.
- Typical Melting I²t - Measured with a battery bank at rated DC voltage, 10x-rated current, time constant of calibrated circuit less than 50 microseconds. (4A, and the above measured at interrupting rating)
- An operating current of 80% or less of rated current is recommended with further derating required at elevated ambient temperatures. Please contact Pico for the other Ampere Ratings, Engineering Specification, additional technical and environmental data.

SURFACE MOUNT THIN FILM FUSE