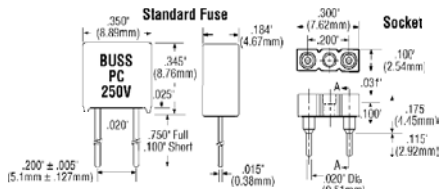


## PC-Tron® PC Board Fuses

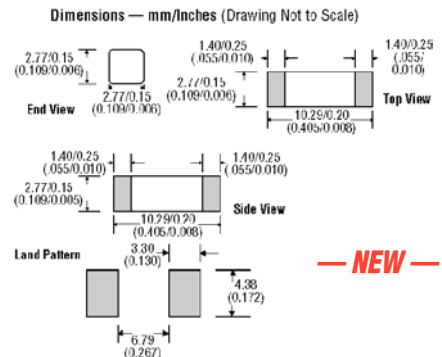


The PC-Tron™ subminiature fuse offers high short circuit performance which until now could only be found in much larger glass tube fuses. Due to its unique construction the PC-Tron™ limits the I<sup>2</sup>t (energy let-thru) to very low levels. 2" lead spacing. Auto insertable. Standard wave soldering technique will not affect performance. Optional socket available. Long lead 0.75" or short lead 0.10" length. Surface mount versions also available.

| Interrupting Rating |      | 10,000 amperes @ 125 VAC; ½ — 5 amps<br>50 amperes @ 250 VAC; ½ — 3 amps |      |      |        |  |
|---------------------|------|--|------|------|--------|--|
| Stock No.           | Amps | Lead Length  | Type | EACH |        |  |
|                     |      |  |      | 1-49 | 50-249 |  |
| 740-5058            | ½    | Long   | PCB  | 4.01 | 3.02   |  |
| 740-5059            | ¾    | Long   | PCB  | 4.01 | 3.02   |  |
| 740-5060            | 1    | Long   | PCB  | 4.02 | 3.02   |  |
| 740-5061            | 1½   | Long   | PCB  | 4.02 | 3.02   |  |
| 740-5062            | 2    | Long   | PCB  | 4.01 | 3.02   |  |
| 740-5063            | 2½   | Long   | PCB  | 4.02 | 3.02   |  |
| 740-5064            | 3    | Long   | PCB  | 4.41 | 1.95   |  |
| 740-5065            | 5    | Long   | PCD  | 3.80 | 2.86   |  |
| 740-5066            | ½    | Short  | PCC  | 3.99 | 3.02   |  |
| 740-5067            | ¾    | Short  | PCC  | 4.02 | 3.02   |  |
| 740-5068            | 1    | Short  | PCC  | 3.54 | 2.62   |  |
| 740-5069            | 1½   | Short  | PCC  | 4.01 | 3.02   |  |
| 740-5070            | 2    | Short  | PCC  | 4.02 | 3.02   |  |
| 740-5071            | 2½   | Short  | PCC  | 3.80 | 2.86   |  |
| 740-5072            | 3    | Short  | PCC  | 4.02 | 3.02   |  |
| 740-5073            | 5    | Short  | PCE  | 4.01 | 3.02   |  |

**Optional PCS Type Socket.**  
740-5074. 1-49.....EACH .47      50-249.....EACH .41

## Brick™ Fuses — 1025TD Series Time Delay



**Description:**

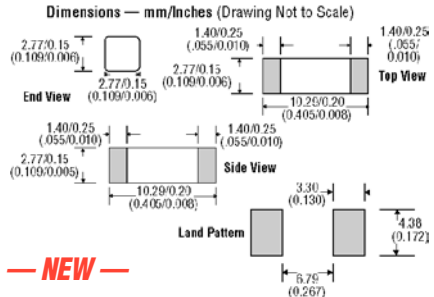
- ▶ Surface Mount
- ▶ Environmentally Rugged, Satisfies EIA/IS-722 Standard
- ▶ Solder Immersion Compatible
- ▶ Targeted for Consumer Electronics
- ▶ Voltage Rating: 250 VAC, 125 VDC
- ▶ Interrupting Rating\*: 250 VAC — 50 Amp; 125 VDC — 50 Amp

**Approvals:**  
▶ **UL Recognition Guide and File Numbers: To Be Obtained**  
▶ **CSA Certification Record: To Be Obtained**

\*AC Interrupting Rating (measured at designated voltage, 100% power factor random closing); DC Interrupting Rating (measured at designated voltage, rise time of the calibrated circuit is less than 50 microseconds, battery source).

| Stock No. | Mfr.'s Type | EACH |         |        |
|-----------|-------------|------|---------|--------|
|           |             | 1-99 | 100-499 | 500-Up |
| 740-4816  | 1025TD500MA | 1.43 | 1.30    | 1.10   |
| 740-4817  | 1025TD750MA | 1.43 | 1.30    | 1.10   |
| 740-4818  | 1025TD1A    | 1.43 | 1.30    | 1.10   |
| 740-4819  | 1025TD1.5A  | 1.43 | 1.30    | 1.10   |
| 740-4820  | 1025TD2A    | 1.43 | 1.30    | 1.10   |
| 740-4821  | 1025TD2.5A  | 1.43 | 1.30    | 1.10   |
| 740-4822  | 1025TD3A    | 1.43 | 1.30    | 1.10   |
| 740-4823  | 1025TD3.5A  | 1.43 | 1.30    | 1.10   |
| 740-4824  | 1025TD4A    | 1.43 | 1.30    | 1.10   |
| 740-4825  | 1025TD5A    | 1.43 | 1.30    | 1.10   |

## Brick™ Fuses — 1025FA Series Fast Acting



**Description:**

- ▶ Surface Mount
- ▶ Environmentally Rugged, Satisfies EIA/IS-722 Standard
- ▶ Solder Immersion Compatible
- ▶ Targeted for Consumer Electronics
- ▶ Voltage Rating : 250 VAC, 125 VDC
- ▶ Interrupting Rating\*: 250 VAC — 50 Amp; 125 VDC — 50 Amp

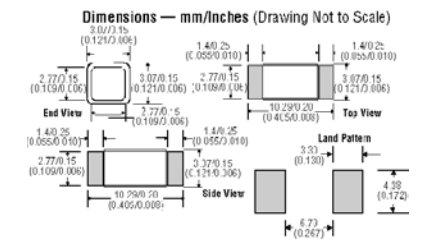
**Approvals:**  
 ➤ **UL Recognition Guide and File Numbers: To Be Obtained**  
 ➤ **CSA Certification Record: To Be Obtained**

\*AC Interrupting Rating (measured at designated voltage, 100% power factor); DC Interrupting Rating (measured at designated voltage, rise time of less than 50 microseconds, battery source).

| Stock No. | Mfr.'s Type | EACH |         |        |
|-----------|-------------|------|---------|--------|
|           |             | 1-99 | 100-499 | 500-Up |
| 740-4800  | 1025FA250MA | 1.43 | 1.30    | 1.10   |
| 740-4801  | 1025FA500MA | 1.43 | 1.30    | 1.10   |
| 740-4802  | 1025FA750MA | 1.43 | 1.30    | 1.10   |
| 740-4803  | 1025FA1A    | 1.43 | 1.30    | 1.10   |
| 740-4804  | 1025FA1.5A  | 1.43 | 1.30    | 1.10   |
| 740-4805  | 1025FA2A    | 1.43 | 1.30    | 1.10   |
| 740-4806  | 1025FA2.5A  | 1.43 | 1.30    | 1.10   |
| 740-4807  | 1025FA3A    | 1.43 | 1.30    | 1.10   |
| 740-4808  | 1025FA3.5A  | 1.43 | 1.30    | 1.10   |
| 740-4809  | 1025FA4A    | 1.43 | 1.30    | 1.10   |
| 740-4810  | 1025FA5A    | 1.43 | 1.30    | 1.10   |
| 740-4811  | 1025FA7A    | 1.43 | 1.30    | 1.10   |
| 740-4812  | 1025FA10A   | 1.43 | 1.30    | 1.10   |
| 740-4813  | 1025FA12A   | 1.43 | 1.30    | 1.10   |
| 740-4814  | 1025FA15A   | 1.43 | 1.30    | 1.10   |

## Brick™ Fuses — 1025T Series

### Time Lag, Low Breaking Capacity



**Description:**

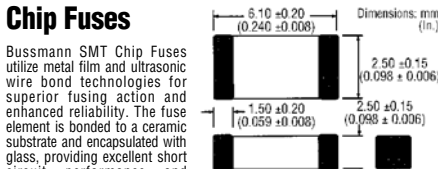
- Designed to IEC Standards
- Surface Mount
- Solder Immersion Compatible
- Voltage Rating : 250 VAC, 125 VDC
- Interrupting Rating\*: 250 VAC — 50 Amp; 125 VDC — 50 Amp

**Approvals:**  
**► The Series Is Designed According to IEC 127, Sheet 4**

\*AC Interrupting Rating (measured at designated voltage, greater than 95% power factor); DC Interrupting Rating (measured at designated voltage, rise time of the calibrated circuit is less than 1 millisecond, battery source).

| Stock No. | Mfr.'s Type | EACH |         |        |
|-----------|-------------|------|---------|--------|
|           |             | 1-99 | 100-499 | 500-Up |
| 740-4830  | 1025T250MA  | 1.43 | 1.30    | 1.10   |
| 740-4831  | 1025T500MA  | 1.43 | 1.30    | 1.10   |
| 740-4832  | 1025T800MA  | 1.43 | 1.30    | 1.10   |
| 740-4833  | 1025T1A     | 1.43 | 1.30    | 1.10   |
| 740-4834  | 1025T1.5A   | 1.43 | 1.30    | 1.10   |
| 740-4835  | 1025T2A     | 1.43 | 1.30    | 1.10   |
| 740-4836  | 1025T2.5A   | 1.43 | 1.30    | 1.10   |
| 740-4837  | 1025T3.15A  | 1.43 | 1.30    | 1.10   |
| 740-4838  | 1025T4A     | 1.43 | 1.30    | 1.10   |
| 740-4839  | 1025T5A     | 1.43 | 1.30    | 1.10   |
| 740-4840  | 1025T6.3A   | 1.43 | 1.30    | 1.10   |

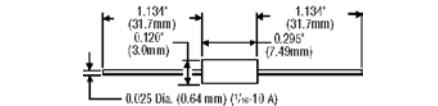
## SMT Subminiature Surface Mount Chip Fuses



terminations are over-plated with nickel and tin-lead. **Catalog Symbol:** 3216FF. **Voltage Rating:** 32 VAC, 63 VDC. **Interrupting Rating:** 50 amp AC/DC. **Physical Size:** EIA SOCM-32VAC 3.2 x 1.6 x 0.90 mm (0.126 x 0.063 x 0.035"). **Agency Approvals:** UL Recognized (All Ratings) File E19180, Guide JDYX2; CSA Certified (1.5-3 A) File 53787, Class 1422-01; CSA Component Acceptance (250-750 mA, 1 A) File 53787, Class 1422-30. **Time Current Characteristics. Fast Acting Fuse:** Will carry 100% of rated current for a minimum of 4 hours, and will open within 5 seconds at 250% of rated current.

| Stock No. | Mfr.'s Type  | Current Rating (Amps) | EACH |        |        |
|-----------|--------------|-----------------------|------|--------|--------|
|           |              |                       | 5-45 | 50-245 | 250-Up |
| 740-3216  | 3216FF-250mA | 0.250                 | .56  | .52    | .50    |
| 740-3217  | 3216FF-100mA | 0.100                 | .56  | .52    | .50    |
| 740-3218  | 3216FF-500mA | 0.500                 | .35  | .31    | .29    |
| 740-3219  | 3216FF-750mA | 0.750                 | .56  | .52    | .48    |
| 740-3220  | 3216FF-1A    | 1.000                 | .56  | .52    | .48    |
| 740-3221  | 3216FF-1.5A  | 1.500                 | .53  | .48    | .44    |
| 740-3223  | 3216FF-3A    | 3.000                 | .56  | .52    | .48    |

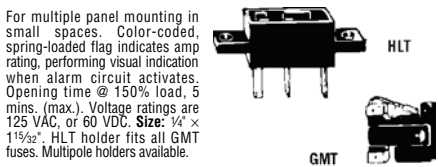
## Microtron® Fuses — PC Board



**Specifications. Typical Opening Times:** 5 sec. max. @ 250%. **Body Material:** High temperature plastic with a U.L. 94V0 rating. **Lead Pull Force:** Will withstand 7 lb. axial pull test. **Agency Approvals:** U.L. Recognition and CSA Certification. **Units Per Reel:** 2500. **Packaging:** Per I.E.C. Standard RS-296-D. All materials are sulfur free to maintain component solderability. **Interrupting Ratings:** Up to 5 A — 125 VAC - 50 A, 125 VDC - 300 A; 5.1 - 10 A — 60 VAC - 50 A, 90 VDC - 300 A. The Microtron Fuses are designed to safely interrupt 50 amps at 125 VAC. Maximum short circuit current of 300 amps at 125 VAC.

| Stock No. | Mfr.'s Type | Resistance Ohms Cold | Amps  | EACH |        |
|-----------|-------------|----------------------|-------|------|--------|
|           |             |                      |       | 1-49 | 50-249 |
| 740-4901  | MCR-1/16    | 7.000                | 1/16  | 2.94 | 2.33   |
| 740-4902  | MCR-1/8     | 2.200                | 1/8   | 2.72 | 2.27   |
| 740-4903  | MCR-1/4     | 0.600                | 1/4   | 2.50 | 1.80   |
| 740-4904  | MCR-3/8     | 0.350                | 3/8   | 2.84 | 2.25   |
| 740-4905  | MCR-1/2     | 0.250                | 1/2   | 2.70 | 2.15   |
| 740-4906  | MCR-3/4     | 0.150                | 3/4   | 2.34 | 1.80   |
| 740-4907  | MCR-1       | 0.120                | 1     | .55  | .46    |
| 740-4908  | MCR-1 1/4   | 0.070                | 1 1/4 | 2.34 | 1.80   |
| 740-4909  | MCR-2       | 0.050                | 2     | 2.22 | 1.73   |
| 740-4910  | MCR-3       | 0.035                | 3     | 2.21 | 1.71   |
| 740-4913  | MCR-3 1/2   | 0.026                | 3 1/2 | 2.21 | 1.71   |
| 740-4914  | MCR-4       | 0.022                | 4     | 2.34 | 1.80   |
| 740-4915  | MCR-5       | 0.016                | 5     | 2.20 | 1.71   |
| 740-4916  | MCR-7       | 0.010                | 7     | 2.20 | 1.71   |

## GMT Telecommunication Fuse



| Stock No. | Amps | Color     | EACH |        |
|-----------|------|-----------|------|--------|
|           |      |           | 1-49 | 50-249 |
| 740-5223  | ¾    | Violet    | 3.33 | 2.51   |
| 740-5224  | ¾    | Red       | 3.16 | 2.38   |
| 740-5226  | ¾    | Brown     | 3.67 | 2.77   |
| 740-5227  | 1    | Gray      | 3.40 | 2.68   |
| 740-5228  | 1½   | White     | 3.49 | 2.75   |
| 740-5229  | 2    | Orange    | 2.91 | 2.40   |
| 740-5230  | 3    | Blue      | 3.01 | 2.38   |
| 740-5231  | 5    | Green     | 3.01 | 2.38   |
| 740-5232  | 7½   | Blk-White | 3.61 | 2.86   |
| 740-5233  | 10   | Red-White | 3.40 | 2.68   |

|                                  |                  |
|----------------------------------|------------------|
| <b>HLT Holder. Fits all GMT.</b> |                  |
| <b>740-5234. 1-49.....</b>       | <b>EACH 3.80</b> |
| <b>50-249.....</b>               | <b>EACH 3.11</b> |