

SUBMINIATURE SURFACE MOUNT

PICO[®] SMF Slo-Blo[®] Type Fuse 460 Series



The PICO[®] SMF Slo-Blo[®] Fuse product provides Pico[®] fuse reliability and performance in a standard rectangular surface mount package.

ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
200%	1 second, Min. ; 120 seconds, Max.
300%	0.2 second, Min. ; 3 seconds, Max.
800%	0.02 second, Min. ; 0.1 second, Max.

AGENCY APPROVALS: Recognized under the Components Program of Underwriters Laboratories and Certified by CSA. Approved by MITI from 1 through 5 amperes.

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862.

INTERRUPTING RATINGS:

50 amperes at 125 VAC.
50 amperes at 125 VDC.

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature: -55°C to 125°C.

Shock: MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 milliseconds).

Vibration: MIL-STD-202, Method 201 (10–55 Hz).
MIL-STD-202, Method 204, Test Condition C (55–2000 Hz, 10 G's peak).

Salt Spray: MIL-STD-202, Method 101, Test Condition B.

Insulation Resistance (After Opening): MIL-STD-202, Method 302, (10,000 ohms minimum at 100 volts).

Resistance to Soldering Heat: MIL-STD-202, Method 210, (3 sec. at 260°C).

Thermal Shock: MIL-STD-202, Method 107, (-65 to 125°C).

Moisture Resistance: MIL-STD-202, Method 106, High Humidity (90-98 RH), Heat (65°C).

PHYSICAL SPECIFICATIONS:

Materials: Body: Molded Thermoplastic
Terminations: Tin-Lead Plated Copper

Soldering Parameters:

Wave Solder — 260°C, 3 seconds maximum
Reflow Solder — 230°C, 30 seconds maximum

Solderability: MIL-STD-202, Method 208.

PACKAGING SPECIFICATIONS: 12mm Tape and Reel per EIA-RS481 (IEC 286, part 3); 500 per reel, add packaging suffix, UR.

PATENTED

ORDERING INFORMATION:

Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec.
R460.500	1/2	125	1.19	0.210
R460.750	3/4	125	0.497	0.760
R460 001	1	125	0.280	2.01
R460 01.5	1½	125	0.116	3.94
R460 002	2	125	0.071	7.60
R460 02.5	2½	125	0.052	13.0
R460 003	3	125	0.038	21.0
R460 03.5	3½	125	0.024	26.8
R460 004	4	125	0.0194	35.0
R460 005	5	125	0.0133	54.8

