

Axial and Radial Lead Fuses

Subminiature

PICO® Fuse Very Fast-Acting Fuse 275/276 Series



ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Ampere Rating	Opening Time
100%	1/16-30	4 hours, Minimum
200%	1/16-10	5 second, Maximum
	12-30	10 seconds, Maximum



AGENCY APPROVALS: Recognized under the Components Program of Underwriters Laboratories and Certified by CSA.

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862.

INTERRUPTING RATINGS:

300 amperes at rated VDC

50 amperes at rated VAC

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) and per method 2028 (78 G's peak for 11 milliseconds).

Vibration: MIL-STD-202, Method 204A; Test Condition D (vibrations of 10-2000 cps at 20 G's).

Insulation Resistance (After Opening): MIL-STD-202, Method 302, Test Condition A (1/2 Megohm minimum).

Moisture Resistance: MIL-STD-202, Method 106.

PHYSICAL SPECIFICATIONS:

Materials: Solder-Coated Copper Leads. R

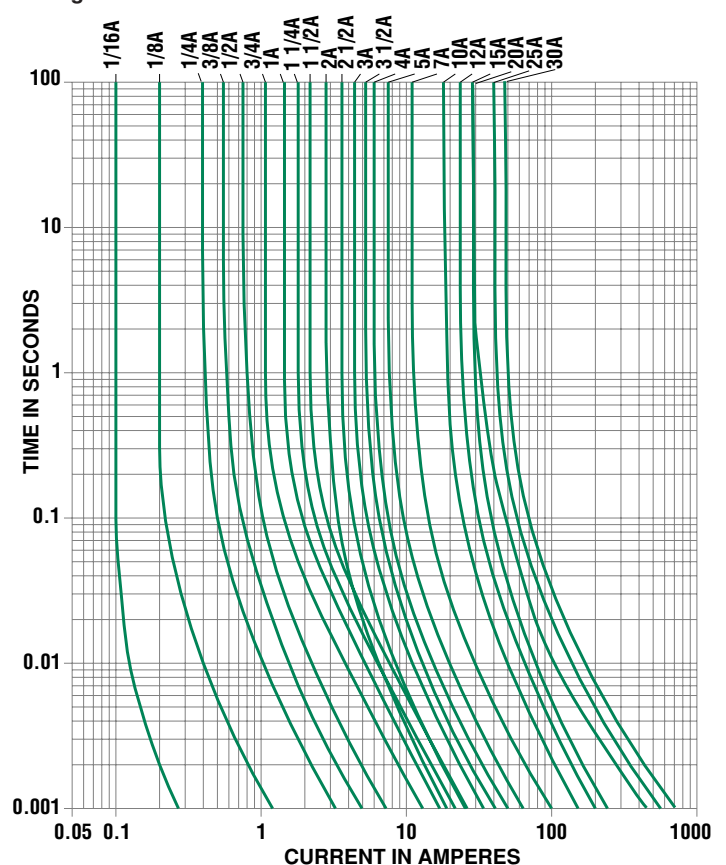
Solderability: MIL-STD-202, Method 208.

Lead Pull Force: MIL-STD-202, Method 211, Test Condition A (will withstand a 5 lb. axial pull test).

VARIATIONS IN DESIGN: Picofuses which differ from the standard versions as presented on this page can be provided for a commercial or military use. One such design version is where the picofuse terminates at one end of a pin for use as a single or multi-pin connector. Extreme accuracy in blowing time at 300% or more of rating, makes these picofuses suitable for use in circuits where sequential switching or redundancy may be required. The small size of the fuse, its non-hygroscopic characteristic and infinitesimal weight makes it the ideal fuse for micro-electronic circuits.

PATENTED

Average Time Current Curves



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PICO® FUSE Very Fast-Acting Fuse 275/276



275 000 Series



276 000 Series



Amperage	Dimensions in mm (inches)				
	A	B	C	D	E
1/16 - 10	7.11 (.28")	38.1 (1.50")	2.36 (.093")	8.33 (.328")	.635 (.025")
12 - 15	7.11 (.28")	38.1 (1.50")	2.36 (.093")	9.12 (.359")	.812 (.032")
20 - 30	7.87 (.31")	38.1 (1.50")	3.38 (.133")	10.72 (.422")	1.016 (.040")

ORDERING INFORMATION:

PART NUMBER		AMPERE RATING	VOLTAGE RATING	AVERAGE COLD RESISTANCE IN OHMS
AXIAL LEADS	RADIAL LEADS			
275.062	276.062	1/16	125	7.0000
275.125	276.125	1/8	125	2.1800
275.250	276.250	1/4	125	0.7400
275.375	276.375	3/8	125	0.4300
275.500	276.500	1/2	125	0.2800
275.750	276.750	3/4	125	0.1640
275 001	276 001	1	125	0.1260
275 01.5	276 01.5	1-1/2	125	0.0810
275 002	276 002	2	125	0.0550
275 02.5	276 02.5	2-1/2	125	0.0420
275 003	276 003	3	125	0.0360
275 03.5	276 03.5	3-1/2	125	0.0275
275 004	276 004	4	125	0.0220
275 005	276 005	5	125	0.0140
275 007	276 007	7	125	0.0100
275 010	276 010	10	125	0.0060
275 012	276 012	12	32	contact Littelfuse
275 015	276 015	15	32	0.0040
275 020	276 020	20	32	contact Littelfuse
275 025	276 025	25	32	contact Littelfuse
275 030	276 030	30	32	contact Littelfuse