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

ELECTRICAL CHARACTERISTICS:

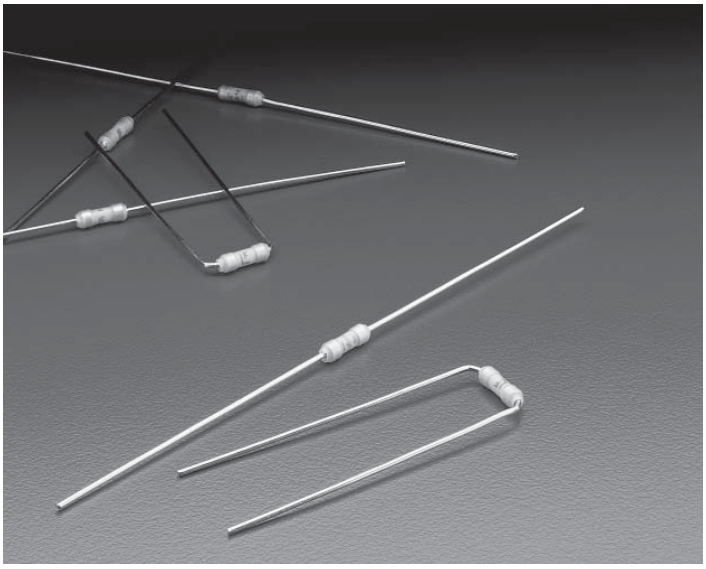
% of Ampere Rating	Ampere Rating	Opening Time
100%	1/16-30	4 hours, Minimum
200%	1/16-10	5 second, Maximum
	12-30	10 seconds, Maximum

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
ENVIRONMENTALSPECIFICATIONS:
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 millseconds).
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.

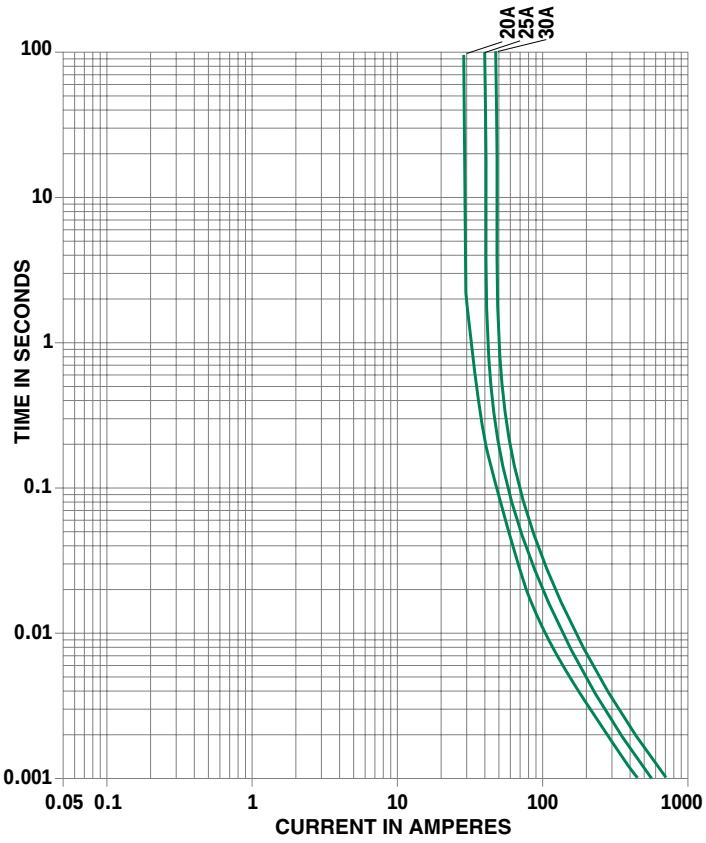
PHYSICALSPECIFICATIONS:
Materials: Pure tin coated copper wire leads.
Solderability: MIL-STD-202, Method 208.
Lead Pull Force: MIL-STD-202, Method 211, Test Condition A (will withstand a 5 lb. axial pull test).

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

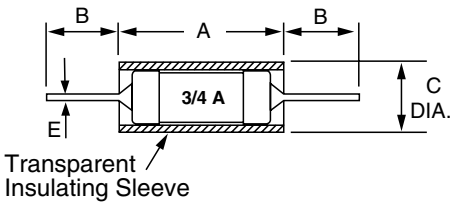


Average Time Current Curves

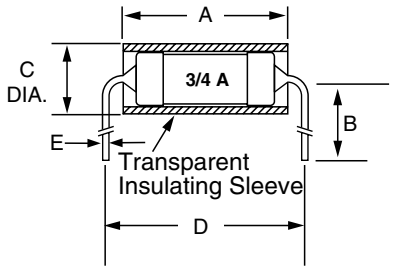


RoHS PICO® Fuse Very Fast-Acting Fuse 275L/276L Series

275 000 **Series**



276 000 **Series**



Amperage	Dimensions in mm (inches)				
	A	B	C	D	E
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			
275 020	**276** 020	20	32	0.0031
275 025	**276** 025	25	32	0.0026
275 030	**276** 030	30	32	0.0020