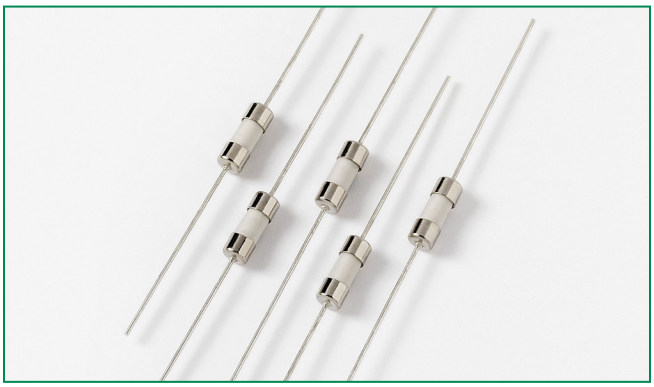
776 Series Fuse, Lead-free 3.6×10 mm, Fast–Acting Fuse



Description

Single Pigtail Axial Lead 3.6 ×10mm Fast-Acting Fuse

Features

- Fast-Acting, ceramic body fuse in a compact package
- Designed to meet IEC 60127-7
- Single Pigtail Axial Lead format
- Lead-free, RoHS compliant

Applications

- Lighting
- Power supply
- Power adapters

Agency Approvals

Agency	Agency File Number	Ampere Range
c UL us	E10480	2.12A
	R 50294363	2.12A
cqc	CQC14012116342	2.12A

Electrical Characteristics

% of Ampere Rating	Opening Time
150%	60 minutes, Minimum
210%	30 minutes, Maximum
275%	10 ms., Min.; 3 sec. Max.
400%	3 ms., Min.; 300 ms. Max.
1000%	20 ms. Max.

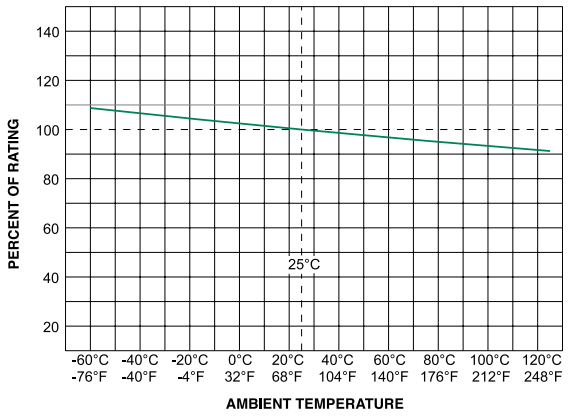
Electrical Characteristics

Amp Code	Ampere Rating (A)	Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec)	Nominal Voltage Drop (mV)	Nominal Power Dissipation (mW)	Agency Approvals		
									c UL us	cqc
2.12	2.12	250	100A @ 250 V AC	0.0285	3.00	76.0	480.0	x	x	x

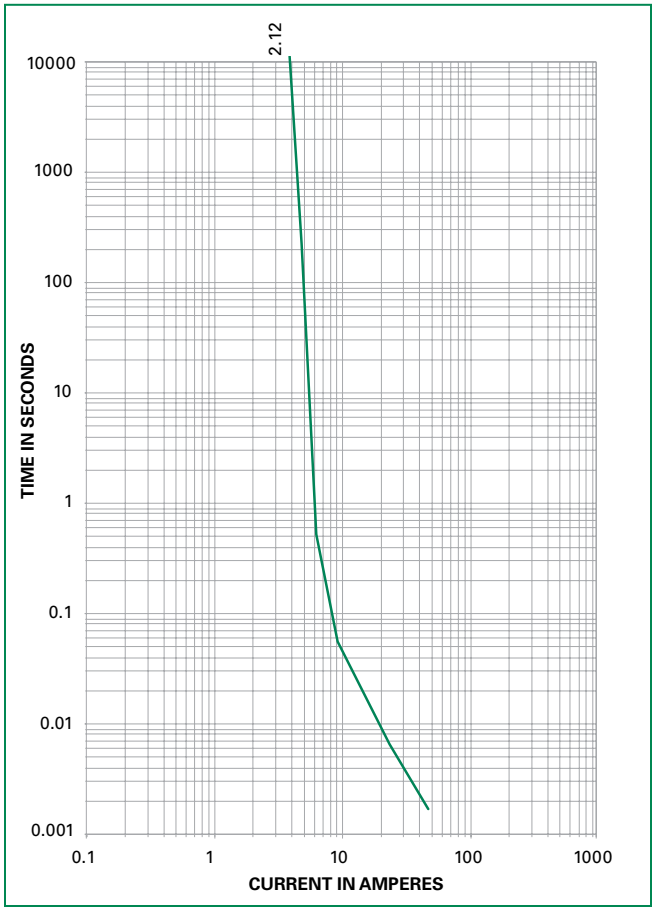
Notes:
Cold resistance measured at less than 10% of rated current at 25ºC.

Revised: 05/04/17

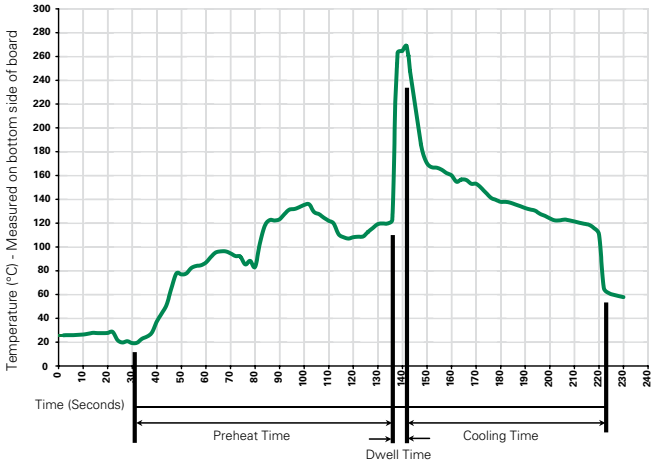
Temperature Rerating Curve



Average Time Current Curves



Soldering Parameters - Wave Soldering



Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100°C
Temperature Maximum:	150°C
Preheat Time:	60 - 180 seconds
Solder Pot Temperature:	260°C Maximum
Solder Dwell Time:	2 - 5 seconds

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350°C +/- 5°C
Heating Time: 5 seconds max.

Note: These devices are not recommended for IR or Convection Reflow process.

Revised: 05/04/17

Axial Lead & Cartridge Fuses

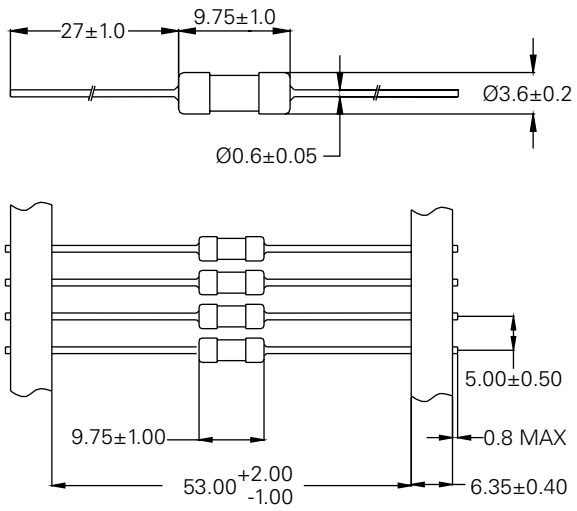
3.6 X 10 mm > Fast-Acting > 776 Series

Product Characteristics

Materials	Body: Ceramic Cap: Nickel Plated Brass Leads: Tin Plated Copper
Terminal Strength	MIL-STD-202 Method 211, Test Condition A
Solderability	Reference MIL-STD-202 method 208
Product Marking	Cap: Brand Logo, Current and Voltage Ratings, Characteristic "F"

Operating Temperature	-55°C to 125°C
Thermal Shock	MIL-STD-202, Method 107 Test Condition B
Vibration	MIL-STD-202, Method 201
Moisture Resistance	MIL-STD-202, Method 103, Test Condition A
Salt Spray	MIL-STD-202, Method 101, Test Condition B

Dimensions



All dimensions in mm

Part Numbering System

0776 2.12 M X E P

Series

Amp Code
Refer to Amp Code column of Electrical Characteristics Table

Quantity Code
M = 1000

Packaging Code
X = Filler

Option Code
E = Axial Leaded

Lead-free
P = Lead-Free
Others = Special Options
Please call Littelfuse for detail

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity and Packaging Code	Taping Width
776 Series				
Bulk	Bulk	1000	MXE	N/A
Tape and Reel	EIA 296	1000	MRET1	T1 = 53mm

Revised: 05/04/17