

Surface Mount Fuses

350 Volt Surface Mount Fuse

EBF Fuse Fast-Acting Type 446/447 Series



- · Ideal for use in electronic lighting ballast, power supply and power inverter applications.
- Rated for use in 125, 250, 277 and 350 VAC circuits.
- · Based on the proven reliability of the automotive MINI® Fuse; available from 2 through 10 amperes.

ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time	
100%	4 hours, Min imum	
200%	0.15 sec. Min., 5 Sec. Max	

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

METI to 5 amperes.

AGENCY FILE NUMBERS: UL: E71611, CSA LR 29862.

INTERRUPTING RATINGS: 100 amperes at 350 VAC, 50 amperes at 125 VDC and 450 amperes at 60VDC

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature: -40°C to +125°C.

PHYSICAL SPECIFICATIONS:

Materials: Body: Plastic Body

Terminations: Tin-Lead (95/5) plated Zn, Ni barrier

Soldering Parameters:

Reflow Solder — 235°C, 5 seconds maximum.

No-clean process recommended.

Wave Solder - Not recommended.

Non-plated terminal surfaces may not meet MIL-STD-202. Method 208.

PACKAGING SPECIFICATIONS:

24mm Tape and Reel per EIA-RS481 (Equivalent to IEC 286, part 3); 800 fuses per reel, add packaging suffix, ZR. Shelf Life: Up to 1 year in Factory sealed packaging.

ORDERING INFORMATION:

Catalog Number	Ampere Rating (A)	Voltage Rating (VAC)	Nominal Cold Resistance(Ω)	Nominal Melting I ² t (A ² sec)
0446 002.	2	350	0.0560	2.8
0446 003.	3	350	0.0340	9.4
0446 004.	4	350	0.0240	17
0446 005.	5	350	0.0180	25
0446 07.5	7.5	350	0.0110	68
0446 010.	10	350	0.0073	93

EBF Fuse Fast-Acting Type 447 Series 🔊 🚱 🗑

· Through-hole version of the 446 series.

ELECTRICAL CHARACTERISTICS: Same as 446 Series.

Dimensions: Contact Littelfuse for specifications.

Soldering Parameters: Contact Littelfuse for soldering parameters. Inside terminal face of each lead is non-plated zinc. Non-plated zinc terminal faces may not meet MIL-STD-202, method 208. To ensure that the fuse is acceptable for the application, appropriate application testing should be performed.

Packaging Specifications: Bulk Pack (4,000 pieces per pack)



Reference Dimensions (Inches):

Recommended Pad Layout:

447 Mounting Holes:



.233" 8.81 (.347)

3.2 (.126")

0.81



Average Time Current Curves

