# **Littelfuse**

### 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, <b>Min</b> 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( $\Omega$ )	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec)
<b>0446</b> 002.	2	350	0.0560	2.8
<b>0446</b> 003.	3	350	0.0340	9.4
<b>0446</b> 004.	4	350	0.0240	17
<b>0446</b> 005.	5	350	0.0180	25
<b>0446</b> 07.5	7.5	350	0.0110	68
<b>0446</b> 010.	10	350	0.0073	93





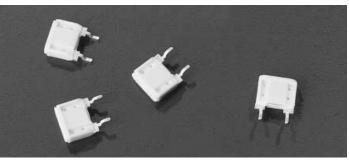
· Through-hole version of the 446 series.

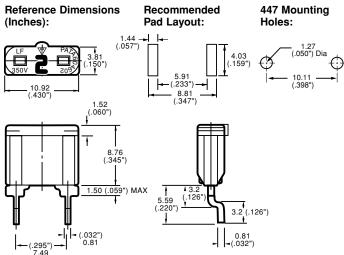
**ELECTRICAL CHARACTERISTICS:** Same as 446 Series.

**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)





#### **Average Time Current Curves**

