

Enter full or partial part number, keyword, certification #, etc.

Search

Home > Products > Fuses > Surface Mount Fuses > Thin Film Chip Fuses > 466 > 0466.500

Print

0466.500 - 466 Series



Series: 466 Series

[Fuse 466 Datasheet](#)

The 466 Series Fast-Acting Surface Mount Fuse (SMF) is a small (1206 size) thin-film device designed for secondary protection of circuits used in space constrained applications such as hand-held portable electronic devices.

This series is 100% lead-free and meets the requirements of the RoHS directive. New Halogen-Free 466 Series fuses are available to order using the "HF" suffix.

Features:

- Complies with electronic industry environmental standards for lead reduction.
- Product is compatible with lead-free solders and higher temperature profiles.
- Current ratings available up to 7A. If a 7A fuse is required please see the 429 series.
- High performance materials provide improved performance in elevated ambient temperature applications.
- Product is marked on top surface with code to allow amperage-rating identification without testing.
- Low profile for height sensitive applications.
- Flat top surface for pick-and-place operations.
- Element covering material is resistant to industry standard cleaning operations.
- Mounting pad and electrical performance is identical to Littelfuse 429 and 433 Series products.
- Alloy based element construction provides superior inrush withstand characteristics (I^2t) over ceramic or glass based 1206 chip fuse products.

Applications:

- Cell phones
- Battery packs
- Digital cameras
- DVD players
- Hard disk drives

Questions? [Contact Littelfuse Support](#)

Check Stock

Order Samples

Feedback

Electrical Characteristics	Technical Resources	Environmental Info
Property (Mouseover for details)	Value	
Ampere Rating (A)	0.5	
Body	Advanced High Temperature Substrate	
Nominal Melting I^2T (A ² sec)	0.006	
Interrupting Rating	50A@63VDC	
Marking Code	F	
Min Operating Temp °C	-55	
Max Operating Temp (°C)	90	
Nominal Power Dissipation (W)	0.0792	
Nominal Voltage Drop (mV)	158.47	
Nominal Cold Resistance (Ohms)	0.248	
Opening	Very Fast-Acting (FF)	
Package Size	1206 (3216)	

For more details about how we use your information, check our [Privacy Statement](#).



 [Mobile Site](#)

[Conflict Free Statement](#)

[History](#)

[Investor Relations](#)

[Legal](#)

[Press Room](#)

[Privacy Statement](#)

[Supply Chain Transparency](#)

[Website Feedback](#)

[Careers](#)

[Check Distributor Stock](#)

[Competitor Cross Reference](#)

[Industries](#)

[Order Samples](#)

[Products](#)

[Services](#)

[Education](#)

[FAQs](#)

[iDesign™](#)

[Littelfuse University](#)

[Product Catalogs](#)

[Quality Documents](#)

[Technical Documents](#)

Littelfuse, Inc. 8755 West Higgins Road Suite 500, Chicago, IL, A, 773-628-1000 Copyright © 2017 Littelfuse, Inc.