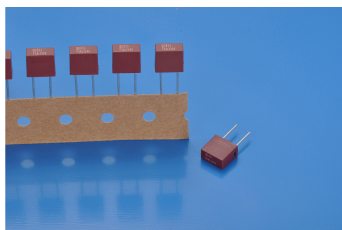
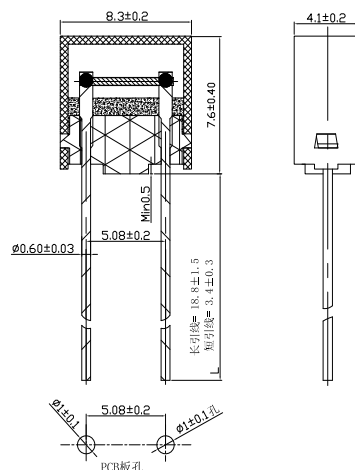




Bettel
Circuit protection components
manufacturer & Brand operator



Dimensions (unit: mm)



Conventional products are braided products, and refer to EPS specification for details.

Main Characteristics

Box subminiature fuse; fast-acting (F)

Standard

UL248-14

Materials

Fuse body: Thermoplastic

Lead: Tin plated copper

Operating Temperature

-55°C to +125°C

Storage Conditions

+10°C to +60°C

Relative humidity: $\leq 75\%$ yearly average
without dew, maximum 30 days at 95%

Vibration Resistance

120 cycles in 1 direction at 1 min. each
10-55Hz, 3 directions(X, Y, Z) in total
According to MIL-STD-202 Method 201A

Soldering Parameters

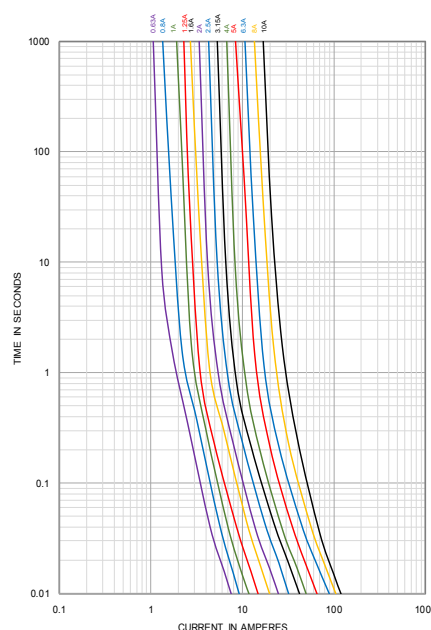
260°C. ≤ 5 sec (Wave Soldering)

350°C. ≤ 3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)

Average Time Current (I-T Curves)



Time vs Current Characteristics: UL248-14

Rated Current	150%	210%	275%	400%	1000%
630mA~10A	>1h	<30min	10ms-3s	3ms-300ms	≤20ms



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical Cold Resistance (mΩ)	Nominal Melting I²t (A²sec)	Breaking Capacity	Approval
						cURus
1100	1.00A	250VDC 400VAC	63.0	1.44	100A@250VDC 100A@400VAC	●
1125	1.25A		45.0	2.25		●
1160	1.60A		35.0	4.00		●
1200	2.00A		33.5	6.25		●
1250	2.50A		25.0	10.24		●
1315	3.15A		19.4	17.6		●
1400	4.00A		14.37	25.0		●
1500	5.00A		11.5	42.3		●
1630	6.30A		7.40	81.0		●
1800	8.00A		5.75	110		●
2100	10.00A		4.20	144		●

Notes: (1) Permissible continuous operating current is $\leq 100\%$ at ambient temperature of 23°C (73.4°F)
(2) The current values used for calculating I^2T should be within the standard range of $8\text{ms} \sim 10\text{ms}$.

Ordering Information

Series	Amp code	Supplementary Code	Qty
933			

**Sales Contact**

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Technical Support

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National High-tech Enterprise
SC 32C National Technical
Committee Member of China
Intertek ISO 9001 Certificated Company
Intertek ISO 14001 Certificated Company
Intertek QC 800000 Certificated Company
NQA IATF 16949 Certificated Company

国家高新技术企业
SC 32C 国内专家组成员单位
ISO 9001 认证企业
ISO 14001 认证企业
QC 080000 认证企业
IATF 16949 认证体系