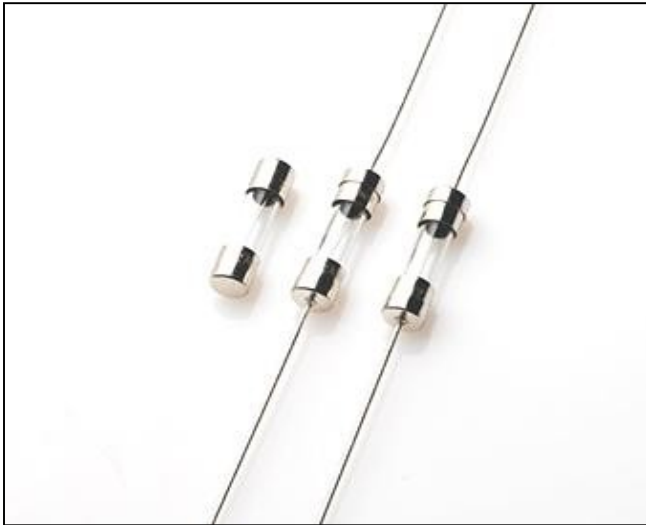


Type TEB

Time-Lag Glass Tube Fuses Series



Description

TEB Time-Lag type in accordance to UL248-1,248-14

Features

- Lead-free
- Internationally approved
- Reduced PCB space requirements
- Direct solderable or plug-in versions
- Low internal resistance
- Shock safe casing
- Vibration resistant
- Halogen free

Applications

- Power supplies
- Battery Chargers
- Consumer Electronics
- Industrial Controllers

Agency Approvals.

Safety Agency	Agency File Number	Ampere Range Volt@I.R.ABILITY
	E485357	250mA-10A 350VAC@100A 250mA-10A 350VDC@50A 250mA-10A 250VAC@200A 250mA-10A 125VAC@10KA

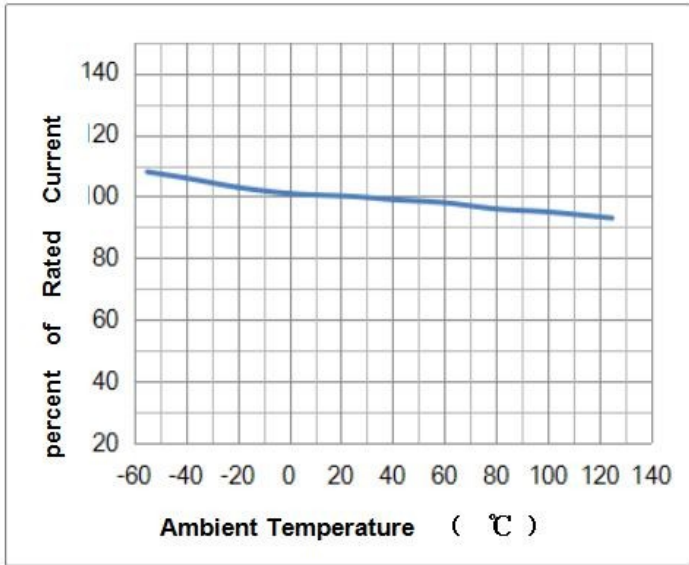
Electrical Characteristics for Series

% of Ampere Rating	Opening Time
100%	4 Hour, Min
135%	1H Max
200%	1Sec. Min. 120Sec. Max

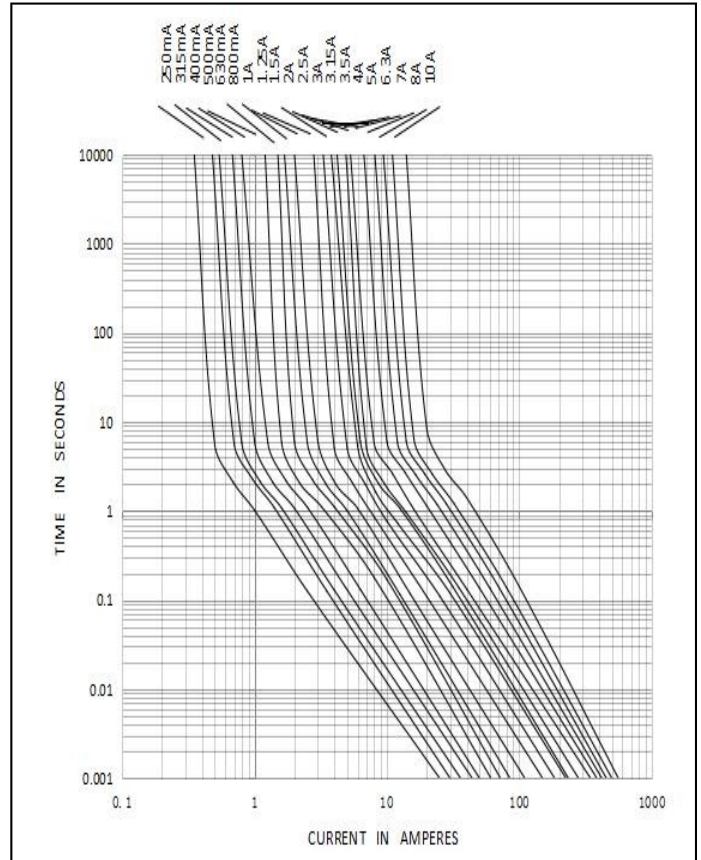
Electrical Characteristic Specifications by Item

Catalog Number	Rated Current	Voltage Rating	Breaking Capacity				Melting Integral 10In min(A ² S)	Agency Approvals
			350Vdc	350Vac	250Vac	125Vac		cULus
TEB0250	250mA	350V ac 350V dc 250V ac 125V ac	50A	100A	200A	10kA	0.787	●
TEB0350	350mA		50A	100A	200A	10kA	1.555	●
TEB0400	400mA		50A	100A	200A	10kA	2.064	●
TEB0500	500mA		50A	100A	200A	10kA	3.250	●
TEB0630	630mA		50A	100A	200A	10kA	5.199	●
TEB0800	800mA		50A	100A	200A	10kA	11.456	●
TEB1100	1.0A		50A	100A	200A	10kA	17.000	●
TEB1125	1.25A		50A	100A	200A	10kA	27.500	●
TEB1150	1.5A		50A	100A	200A	10kA	26.325	●
TEB1200	2.0A		50A	100A	200A	10kA	43.600	●
TEB1250	2.5A		50A	100A	200A	10kA	69.375	●
TEB1315	3.15A		50A	100A	200A	10kA	127.008	●
TEB1400	4.0A		50A	100A	200A	10kA	212.800	●
TEB1500	5.0A		50A	100A	200A	10kA	340.000	●
TEB1630	6.3 A		50A	100A	200A	10kA	486.000	●
TEB1700	7.0A		50A	100A	200A	10kA	681.100	●
TEB1800	8.0A		50A	100A	200A	10kA	883.200	●
TEB2100	10.0A	50A	100A	200A	10kA	1410.000	●	

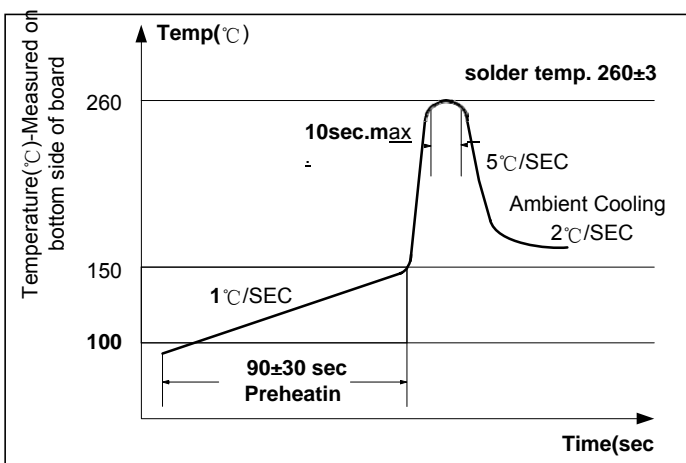
Temperature Re-rating Curve



Average Time Current Curves



Soldering Parameters-Wave Soldering



Recommended Process Parameters:

Lead-Free Wave Soldering Profile	
Wave Soldering Parameter	
Average ramp-up rate	200 °C/second
Heating rate during preheat	Typical 1-2°C/second Max 4°C/second
Final preheat temperature	Within 125°C of soldering temperature
Peak temperature Tp	260°C
Time within +0°C/-5°C of actual peak temperature	10 seconds
Ramp-down rate	5°C/second max

Type TEB

Time-Lag Glass Tube Fuses Series

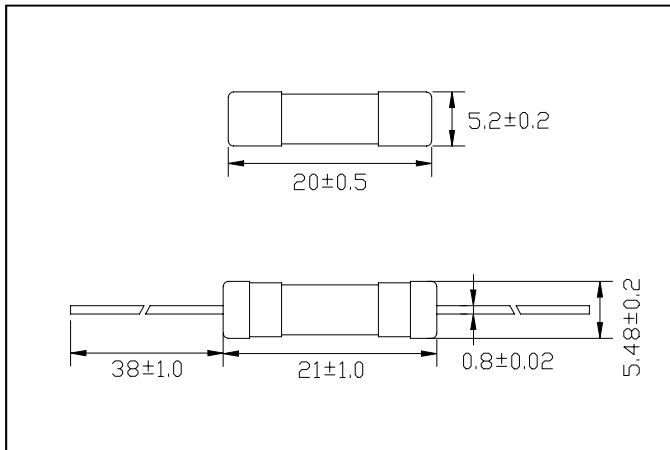


Product Characteristics

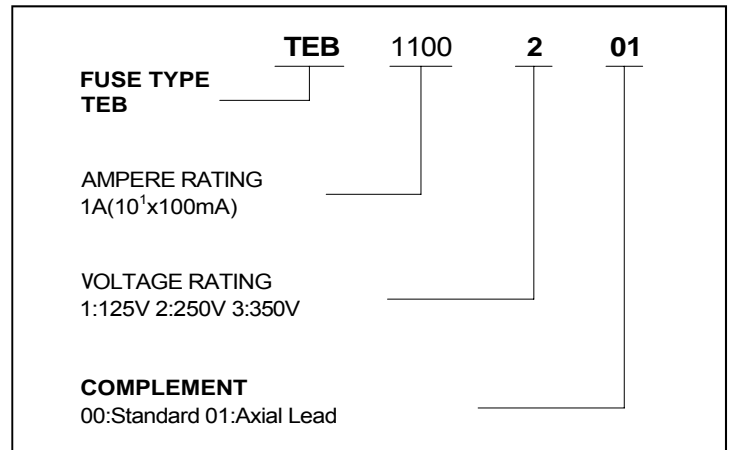
Materials	Ceramic Body Nickel Plated Brass Caps Lead Wire:Diameter 0.6mm
Lead Pull Strength	10 N(IEC 60068-2-21)
Solderability	260 °C, ≤3 sec.(wave) 350 °C, ≤3 sec.(soldering iron)
Soldering Heat Resistance	260 °C, 10 sec.(IEC 60068-2-20) 350 °C, ≤3 sec.(soldering iron)

Operating Temperature	-55 °C to +125 °C (consider de-rating)
Climatic Category	-55 °C to +125 °C/21 days (EN 60068-1, -2-1, -2-2, -2-78)
Stock Condition	+10 °C to +60 °C Relative humidity ≤75% yearly Average, without dew, maximum Value for 30 days -95%
Vibration Resistance	24 cycles at 15 min. each (EN 60068-2-6) 10-60 Hz at 0.75 mm amplitude 60-2000 Hz at 10 g acceleration

Mechanical Dimensions(Unit:mm)



Ordering Information



Packaging

Packaging Option	Packaging Specification	Quantity
Standard(00)	N / A	500
Axial Lead(01)	N / A	100