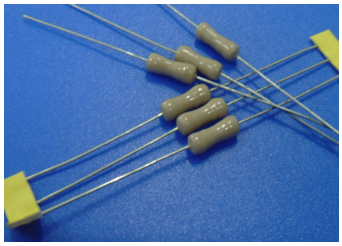
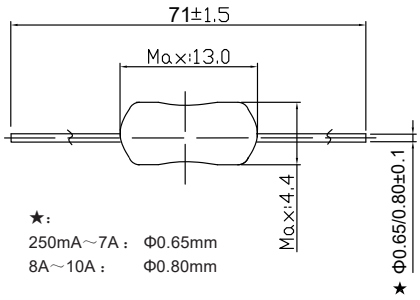
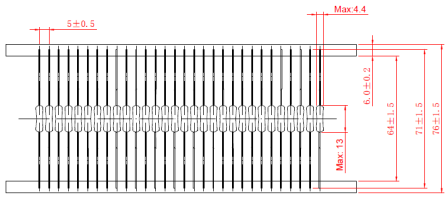
316 Subminiature cartridge Fuse

Bettel
Circuit protection components manufacturer & Brand operator



Dimensions (units: mm)





Main Characteristics

Subminiature cartridge fuse; Time-Lag (T)

Standard

UL248-14

Materials

Tube:	Ceramic Tube
End Caps:	Nickel plated brass
Axial Leads:	Nickel plated caps
	Tin plated copper wires
	Resin covered body

Operating Temperature

-55℃ to +125℃

Storage Conditions

+10℃ to +60℃

Relative humidity:≤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

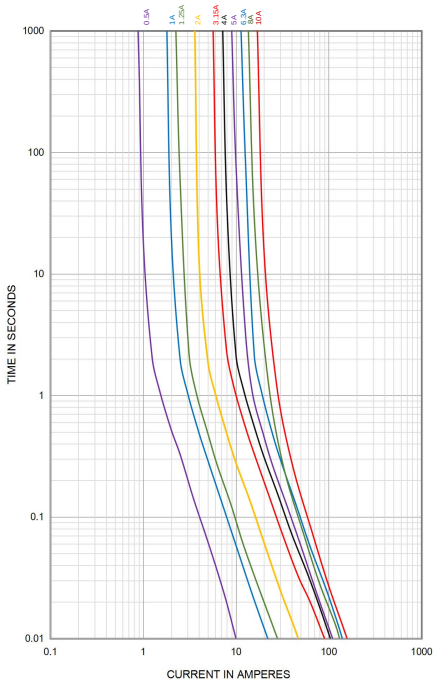
260℃.≤5 sec (Wave Soldering)

350℃.≤3 sec (Hand Soldering)

Soldering Peak:

260℃. 10 sec. (IEC 60068-20)

Average Current Curve(I-T Curve)



Time vs Current Characteristics: UL248-14		
Rated current	100%	200%
250mA~10A	>4h	5s~60s

c UL us RoHS

Electrical Characteristics at 25℃

Amp Code	Ratede Current	Rated Voltage	Typical cold Resistance（mΩ）	Nominal Melting I²t(A²sec)	Breaking Capacity	Approvals			
						cURus		TUV	
						250V	350V	250V	350V
0250	250mA	350V AC	600	0.221	100A @ 350V AC 150A @ 250V AC	●	●	○	○
0300	300mA		485	0.281		●	●	○	○
0315	315mA		415	0.302		●	●	○	○
0400	400mA		310	0.490		●	●	○	○
0500	500mA		250	1.00		●	●	●	●
0630	630mA		148	1.082		●	●	●	●
0750	750mA		135	1.85		●	●	○	○
0800	800mA		125	1.56		●	●	●	●
1100	1.00A		115	4.84		●	●	●	●
1125	1.25A		60.0	7.84		●	●	●	●
1150	1.50A		47.52	8.41		●	●	○	○
1160	1.60A		47.66	8.75		●	●	●	●
1200	2.00A		33.0	20.09		●	●	●	●
1250	2.50A		27.95	27.56		●	●	●	●
1300	3.00A		25.00	77.44		●	●	○	○
1315	3.15A		20.30	81.00		●	●	●	●
1400	4.00A		14.7	108		●	●	●	●
1500	5.00A		12.0	121		●	●	●	●
1630	6.30A		8.50	196		●	●	○	○
1800	8.00A		6.13	77		●	●	○	○
2100	10.00A		4.80	121		●	●	○	○

Note: 1.Permissible continuous operating current is 100% at ambient temperature of 23°C (73.4°F)
2.The current values used for calculating I2T should be within the standard range of 8ms ~ 10ms.

Ordering Information

Series	Amp code	Packaging Code	Qty
316			