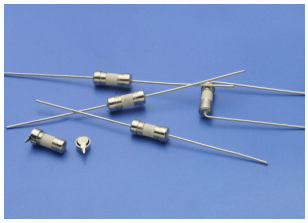
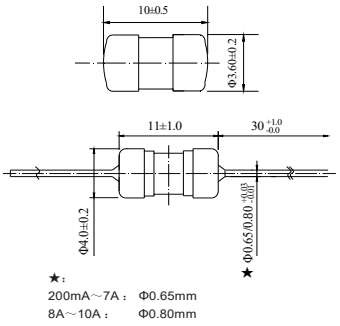
334 Subminiature Cartridge Fuse



Dimensions (unit: mm)



Main Characteristics

Subminiature cartridge fuse; Time-Lag (T)

Standard

IEC-60127-3/IV

Materials

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

Operating Temperature

-55℃ to +125℃

Storage Conditions

+10℃ to +60℃
Relative humidity:≤75% yearly average
Without dew, maximum 30 days at 95%

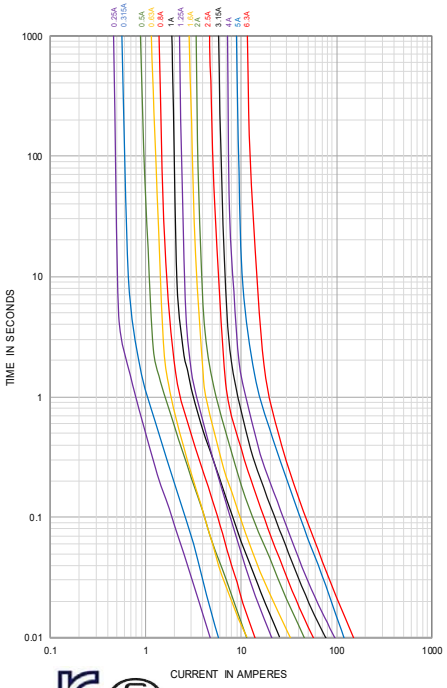
Vibration Resistance

24 cycles at 15 min. each (60068-6)
10-60Hz at 0.75mm amplitude
60-2000Hz at 10g acceleration

Soldering Parameters

260℃.≤5 sec (Wave Soldering)
350℃.≤3 sec (Hand Soldering)
Soldering Peak:
260℃. 10 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: IEC-60127-3/Ⅳ					
Rated current	150%	210%	275%	400%	1000%
200mA~6.3A	>1h	<2min	400ms~10s	150ms~3s	20ms~150ms
8A~10A	>1h	<5min	1s~20s	150ms~3s	20ms~150ms

Electrical Characteristics at 25℃

Amp	Ratede Current	Ratede Voltage	Max Voltage Drop(mV)	Max.Power Dissipation (mW)	Typical Cold Resistance (mΩ)	Nominal Melting I²t(A²sec)	Breaking Capacity	Approvals							
								cULus	cURus	VDE	CCC	TUV	PSE	KC	SEMKO
0200	200mA	250V AC	260	200	860	0.130	50A@125V AC 35A or 10In@250V AC	○	○	○	○	●	○	○	○
0250	250mA		240	220	600	0.221		●	●	○	●	●	○	○	○
0315	315mA		220	250	430	0.336		●	●	○	○	●	○	○	○
0500	500mA		190	310	250	1.00		●	●	●	●	○	○	○	○
0630	630mA		180	360	154.5	1.35		●	●	●	●	○	○	○	○
0750	750mA		170	430	154.5	1.82		●	●	○	○	○	○	○	○
0800	800mA		160	430	113	1.56		●	●	●	●	○	○	○	○
1100	1.00A		140	500	80.0	6.50		●	●	●	●	○	●	●	●
1125	1.25A		130	600	56.0	4.62		●	●	●	●	○	●	●	●
1150	1.50A		120	730	43.0	10.6		●	●	○	○	○	○	○	○
1160	1.60A		120	730	41.0	10.9		●	●	●	●	○	●	●	●
1200	2.00A		100	870	38.0	20.3		●	●	●	●	○	●	●	●
1250	2.50A		100	1000	28.0	32.5		●	●	●	●	○	●	●	●
1300	3.00A		100	1200	17.0	59.3		●	●	○	○	○	○	○	○
1315	3.15A		100	1200	18.4	63.0		●	●	●	●	○	●	●	●
1400	4.00A		100	1400	13.5	94.1		●	●	●	●	○	●	●	●
1500	5.00A		100	1400	10.3	121		●	●	●	●	○	●	●	●
1630	6.30A		100	1400	8.50	225		●	●	○	●	●	○	○	○
1700	7.00A		100	1400	7.90	110	50A@125V AC 50A@250V AC	●	●	○	○	○	○	○	○
1800	8.00A		100	1400	6.40	121		●	●	○	○	○	○	○	○
2100	10.00A		100	1400	3.95	196		●	●	○	●	○	○	○	○

Note: (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
(2) The cULus and cURus certification by 125V and 250V; the others certification by 250V.
(3) The current values used for calculating I2T should be within the standard range of 8ms ~ 10ms.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
334			