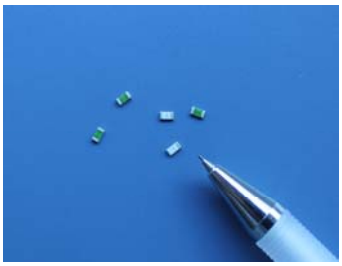
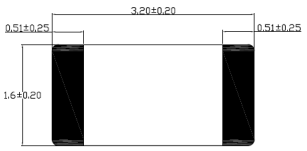
126 Chip Fuse

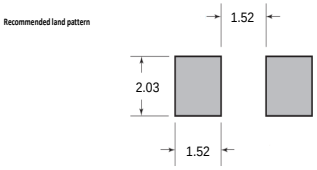


Dimensions (unit: mm)

Top view



Side view



Main Characteristics
Chip fuse; Time-Lag(T)

Standard
UL-248-14

Materials
Substrate: Ceramic
Termination: Silver over-plated with nickel and Tin

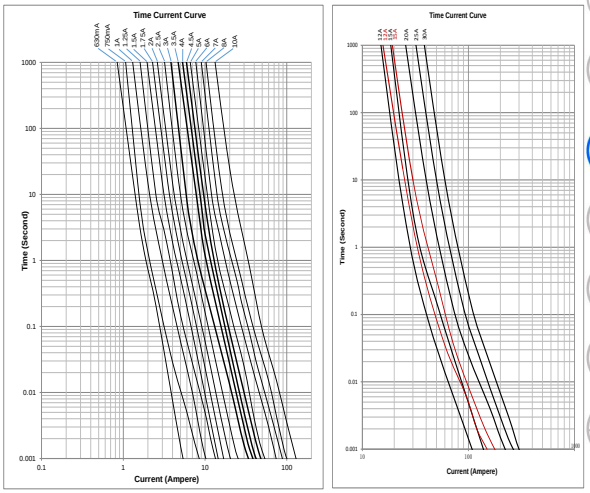
Operating Temperature
-55℃ to +150℃

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℃.≤10 sec (Wave Soldering)
300℃.≤2 sec (Hand Soldering)
Soldering Peak:
260℃. 10 sec.
280℃. 5 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL248-14					
Rated Current	100%	250%	300%	350%	1000%
630mA~5A	>4h	<5s	0.1s~3s	/	0.2ms~20ms
6A~30A	>4h	/	/	≤5s	0.2ms~10ms

cURus RoHS HF

Electrial Characteristics at 25℃								
Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop (mV)	Breaking Capacity	Typical Melting I²T (A²s)	Typical Cold Resistance (mΩ)	Alpha Mark	Approvals
								cURus
0630	630mA	63V/72VDC	960	50A@63V DC 50A@72V DC	0.0095	1000	B	●
0750	750mA		910		0.0125	840	.75	●
1100	1.00A		520		0.16	460	H	●
1125	1.25A		510		0.2	325	H	●
1150	1.50A		470		0.25	215	K	●
1175	1.75A		455		0.28	180	E	●
1200	2.00A		315		0.45	130	N	●
1250	2.50A		245		0.75	75	O	●
1300	3.00A		190		1.85	48	P	●
1350	3.50A		175		2.25	36.5	R	●
1400	4.00A		170		2.7	33.0	S	●
1450	4.50A	24V/32V DC	165	50A@32V DC 300A@24V DC	2.95	27.5	X	●
1500	5.00A		142		4.26	23.0	T	●
1600	6.00A		138		12.5	15.0	F	●
1700	7.00A		131		14.5	12.0	7	●
1800	8.00A		122	300A@24V DC 150A@32V DC	16.5	8.8	M	●
2100	10.00A		105		25	6.0	U	●
*2120	*12.00A		82		41.5	5.1	W	●
2120	12.00A		87		12.5	5.0	12	●
2150	15.00A		80		17.5	3.7	15	●
*2150	*15.00A		86		46.5	2.6	Y	●
2200	20.00A		82		51.5	2.9	Q	●
2250	25.00A		85		62.5	1.35	L	●
2300	30.00A		85		101	1.05	Z	●

(1) DC interrupting rating (measured at rated voltage, time constant of less than 50 microseconds, battery source)
(2) DC cold resistance are measured at <10% of rated current in ambient temperature of 25℃
(3) Typical pre-arcing I2t are measured at 10In current choice fuse for surge application (USB charger etc.), make sure the I2t of fuse is 4 times than surge.
(4) *2120&*2150 are higher I2t

Ordering Information

Series	Amp Code	Supplementary Code	Qty
126			