Time Delay | 2410(6.5x1.6mm)
Brick Fuses

2410LC Series

2410LC Series fuse for the small size and good electrical performance, reliability and quality.

Features

- Designed to UL 248-14
- Ceramic body and silver plated copper terminal
- Compatible with reflow
- Excellent environmental integrity
- One time positive disconnect
- RoHS compliant



Electrical Characteristics

Amp Rating	% of Amp Rating	Opening Time
500mA~2A	100%	4 Hours Min.
	200%	120sec Max.

Specifications

Part Number	Ampere Rating (A)	Voltage Rating (Vac)	Interrupting Rating	Typical Cold Resistance (Ohms)	Typical Melting I^2t (A^2Sec)	Typical Voltage Drop (V)
2410LC-R500	0.50	250	100A @250Vac	0.560	0.053	0.410
2410LC-R630	0.63	250	100A @250Vac	0.400	0.155	0.390
2410LC-R750	0.75	250	100A @250Vac	0.299	0.520	0.380
2410LC-R800	0.80	250	100A @250Vac	0.306	0.470	0.370
2410LC-1A	1.00	250	100A @250Vac	0.242	1.10	0.360
2410LC-1.25A	1.25	250	100A @250Vac	0.172	1.03	0.300
2410LC-1.6A	1.60	250	100A @250Vac	0.127	2.57	0.290
2410LC-2A	2.00	250	100A @250Vac	0.095	3.20	0.273

- AC Interrupting Rating (measured at designated voltage, 100% power factor)
- DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃
- Typical Pre-arcing I2t are measured at 10In Current

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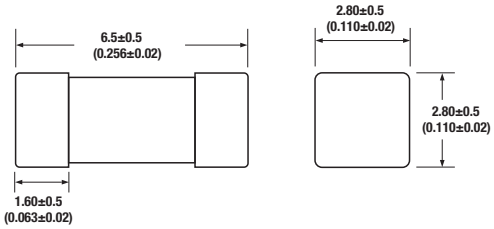
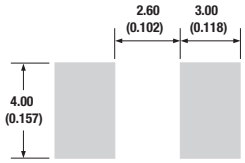
Dimension

Unit: mm/inch



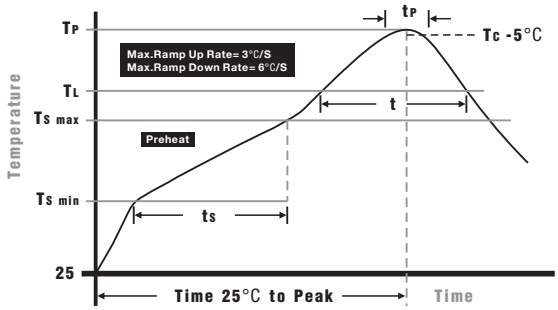
Pad layout



Packaging

- Quantity: 1,000pcs
- 12mm wide tape on 178mm(7 inch) diameter reel -specification EIA Standard 481.

Soldering Parameters

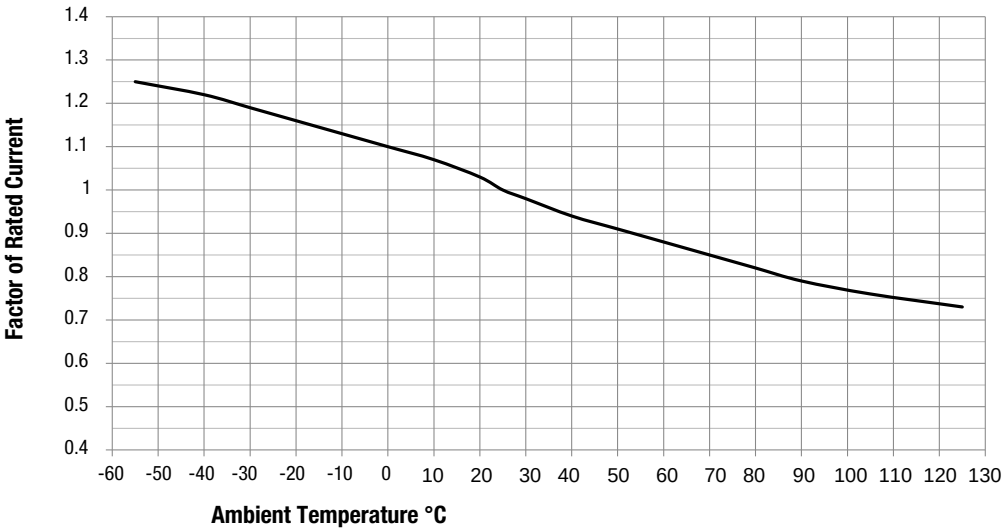


Infrared Reflow: 260°C, 30 seconds max.

IR Reflow Profile

Preheat Heat **Temperature min (Tsmin)** **Temperature max(Tsmax)** **Time (Tsmin to Tsmax) (ts)**	 150°C 200°C 60 -120 seconds
Average ramp-up rate (Tsmax to Tp)	3°C/second max.
Liquidous temperature (TL) **Time at liquidous (tL)**	217°C 60 - 150 seconds
Peak temperature(Tp)	260°C
Time within 5°C of actual peak Temperature (tp)	30 seconds
Average ramp-down rate (Tp to Tsmax)	6°C/second max.
Time 25 °C to peak temperature	8 minutes max.

Temperature Derating Curve



Normal Operating Temperature: 23℃±3℃
Operating Temperature: -55℃ to 125℃ with proper correction factor applied.

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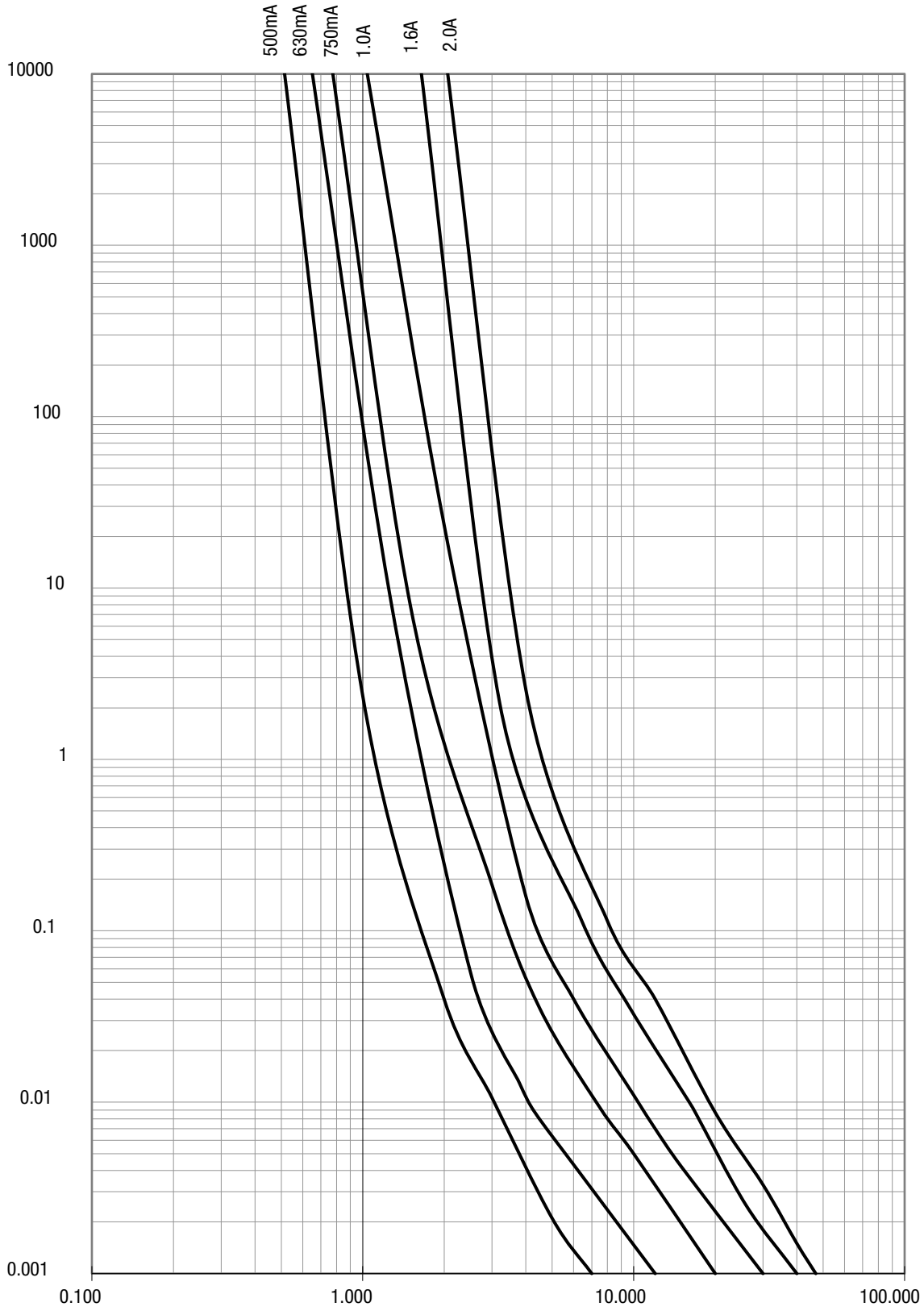
Time Current Curve



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Time Current Curve

