

Fast Acting | 2410(6.5x1.6mm) Brick Fuses

2410FA-G Series

2410FA-G Series fuse for the small size and good electrical performance, reliability and quality.



Features

- Gold plated terminals
- Wide range of current ratings
- RoHS compliant
- Designed to UL 248-14

Electrical Characteristics

Amp Rating	% of Amp Rating	Opening Time
0.2~20A	100%	4 Hours Min.
0.2~20A	200%	120 sec Max.

Specification

Part Number	Ampere Rating (A)	Voltage Rating	Interrupting Rating	Typical Cold Resistance (Ω)	Typical Melting I^2t (A^2Sec)
2410FA-R200-G	0.2A	125VAC 125VDC	125VAC@50A 125VDC@50A		
2410FA-R400-G	0.4A				
2410FA-R500-G	0.5A			0.57000	0.37
2410FA-R800-G	0.8A			0.14700	1.90
2410FA-1A-G	1.0A			0.1300	3.20
2410FA-1.5A-G	1.5A			0.07800	7.20
2410FA-2A-G	2.0A			0.04800	10.0
2410FA-2.5-G	2.5A			0.03400	19.0
2410FA-3A-G	3.0A			0.0300	25.0
2410FA-3.5A-G	3.5A			0.02500	40.0
2410FA-4A-G	4.0A			0.01800	70.0
2410FA-5A-G	5.0A			0.01600	100
2410FA-6A-G	6.0A			0.01300	120
2410FA-7A-G	7.0A			0.01100	150
2410FA-8A-G	8.0A			0.00900	221

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Specification

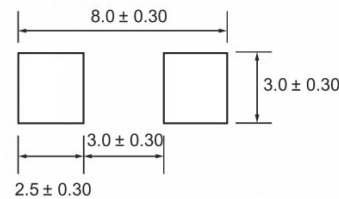
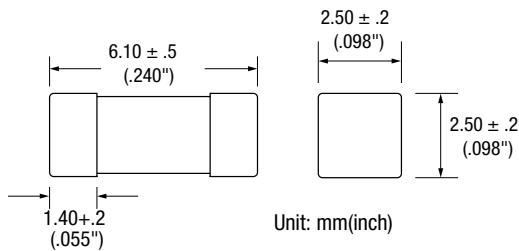
Part Number	Ampere Rating (A)	Voltage Rating	Interrupting Rating	Typical Cold Resistance (Ω)	Typical Melting I^2t (A^2Sec)
2410FA-10A-G	10A	125VAC 125VDC	125VAC@50A	0.00600	257
2410FA-12A-G	12A		125VDC@50A	0.00500	290
2410FA-15A-G	15A			0.00400	345
2410FA-20A-G	20A	72VDC	72VDC@100A	0.00300	400

- DC Interrupting Rating (measured at designated voltage, time constant of less than 50 microseconds, battery source)
- DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 C
- Typical Pre-arcing I^2t are measured at 10In Current
- Resistance and I^2t for ratings < 0.50A are pending because fuse elements need to be customized

Dimension

Recommended land pattern (mm)

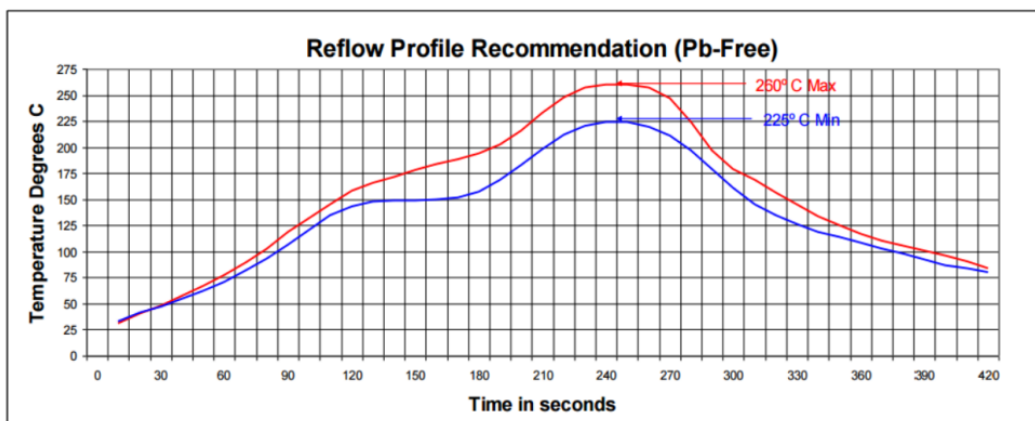
Unit: mm



Packaging

Quantity: 1,000pcs
12mm tape-and-reel per EIA Standard 481.

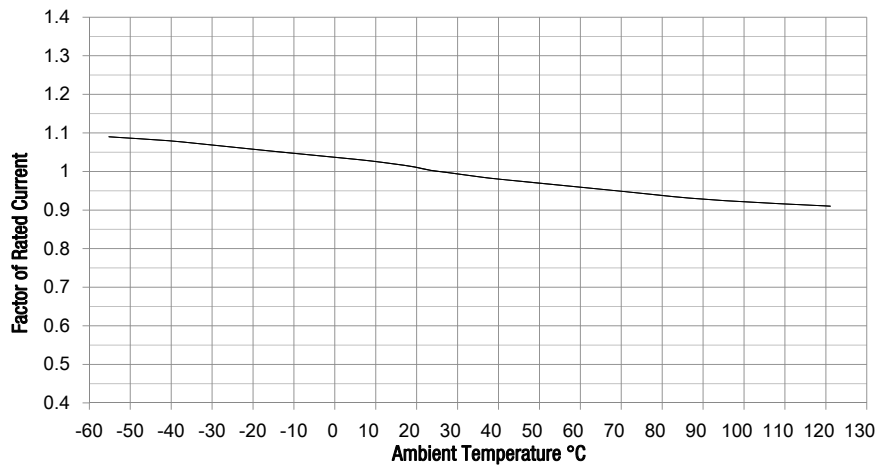
Pb-Free Reflow Recommendation



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Temperature Derating Curve



Normal Operating Temperature: 25 C ± 2 C
 Operating Temperature: -55 C to 125 C with proper correction factor applied.
 Chart of correction factor
 Storage Temperature: -55°C to 125°C

Time Current Curve

