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Internal

RS PRO, Fuse, Ceramic SMD LTCC Chip Fuse, Slow Blow, 1A-20A 125V, 1206

RS Stock No.: 2522146
2522147

FEATURES

- Widely used in all kinds of battery packs
- High degree of inrush current capability
- Precise melting time
- Surface mount technology allows fuses to be directly attached to printed circuit boards
- Notebook Computer
  Wireless Base Station
  Networking
  Telecom System
- Significant savings in weight and real estate
- RoHS / REACH / AEC-Q200



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Surface Mount Fuse — LTCC Chip Fuse

Product Description

Ceramic SMD LTCC Chip Fuse, Slow Blow, 1A-20A, 1206
Applications:
- Cooling Fan System
- Battery Management System (Battery Pack)

General Specifications

Current Rating	**1A – 8A**	**10A, 12A, 15A, 20A**
Voltage Rating	**63V**	**24V**
Body Material	**Ceramic**	
Interrupting Ratings	**1A – 8A**	**100A @ 63V DC 50A @ 125V DC**
	10A – 20A	**150A @ 24V DC**
Operating Temperature	**-55°C to +125°C**	
Country of Origin	**Taiwan**	

Electrical Characteristics

Rated Current	Opening Time				
	1 In	2 In		3 In	10 In
	Min.	Min.	Max.	Max.	Max.
2A-8A	4 hr	1 sec	120 sec	3 sec	0.05 sec

Surface Mount Fuse — LTCC Chip Fuse

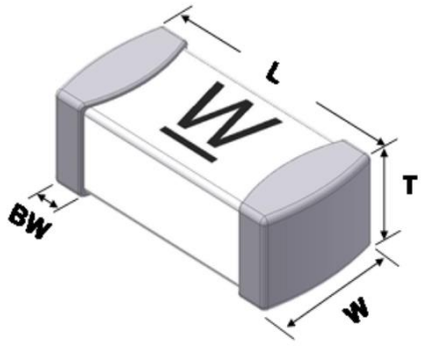
I^2t Nominal Cold Resistance & I^2t &Safety Approval:

Approvals	Marking	Interrupting rating	c UL us	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec.)
1A	H	100A @ 63V DC 50A @ 125V DC	*	0.1610 - 0.2990	0.170
1.5A	K		*	0.0875 - 0.1625	0.394
2A	N		*	0.0525 - 0.0975	0.720
2.5A	O		*	0.0350 - 0.0650	0.938
3A	P		*	0.0224 - 0.0416	1.350
4A	S		*	0.0126 - 0.0234	2.240
5A	T		*	0.0091 - 0.0169	3.000
6A	U		*	0.0063 - 0.0117	4.680
7A	V		*	0.0056 - 0.0104	6.370
8A	W		*	0.0049 - 0.0091	8.320
10A	10	150A @ 24V DC	*	0.0042 - 0.0078	12.00
12A	12		*	0.0035 - 0.0065	17.28
15A	15		*	0.0021 - 0.0039	29.25
20A	20		*	0.0014 - 0.0026	52.00

Surface Mount Fuse — LTCC Chip Fuse

Shape & Dimension:

Type	1206
L	3.1 ± 0.2 mm
W	1.6 ± 0.2 mm
T	0.9 ± 0.2 mm
BW	0.5 ± 0.25 mm



Recommended Pad Layout	
L1	1.10 mm
L2	1.52 mm
W	1.78 mm

