

## FEATURES

- Ideal for use in a wide range of home appliance panels
- 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

# RS PRO, Fuse, Ceramic SMD LTCC Chip Fuse, Fast Acting, 1A-5A 63V, 0603

RS Stock No.: 2522124  
2522125



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.

### Product Description

**Ceramic SMD LTCC Chip Fuse, Fast Acting, 1A-5A 63V, 0603**

**Applications:**

- Notebook Computer
- Wireless Base Station
- Networking
- Telecom System

### General Specifications

<b>Current Rating</b>	<b>1A, 1.5A, 2A, 5A</b>
<b>Voltage Rating</b>	<b>63V</b>
<b>Body Material</b>	<b>Ceramic</b>
<b>Operating Temperature</b>	<b>-55°C to +125°C</b>
<b>Country of Origin</b>	<b>Taiwan</b>

### Electrical Characteristics

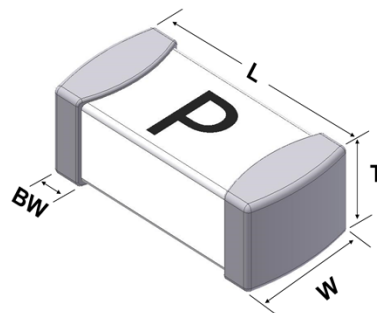
Rated Current	Opening Time			
	1 In	2 In	3 In	10 In
	Min.	Max.	Max.	Max.
1A-5A	4 hr	5 sec	0.5 sec	0.02 sec

**I<sup>2</sup>t Nominal Cold Resistance & I<sup>2</sup>t & Safety Approval:**

Approvals	Marking	Interrupting rating		Nominal Cold Resistance (Ohms)	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec.)
1A	H	60A @ 32V DC 35A @ 63V DC	*	0.2100 - 0.3900	0.041
1.5A	K		*	0.0910 - 0.1690	0.083
2A	N		*	0.0462 - 0.0858	0.098
5A	T		*	0.0084 - 0.0156	0.570

**Shape & Dimension:**

Type	0603
L	1.6 ± 0.2 mm
W	0.8 ± 0.2 mm
T	0.8 ± 0.2 mm
BW	0.36 ± 0.15 mm



Recommended Pad Layout	
L1	0.66 mm
L2	0.76 mm
W	1.00 mm

