

## FEATURES

- Specially customized for use in game consoles and controllers
- 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, Slow Blow, 2A-8A 63V, 0603

RS Stock No.: 2522128  
2522129



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, Slow Blow, 2A-8A 63V, 0603**

**Applications:**

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

### General Specifications

<b>Current Rating</b>	2A, 2.5A, 3A, 4A, 5A, 6A 8A
<b>Voltage Rating</b>	63V
<b>Body Material</b>	Ceramic
<b>Operating Temperature</b>	-55°C to +125°C
<b>Country of Origin</b>	Taiwan

### Electrical Characteristics

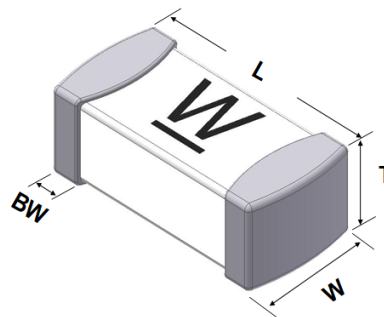
Rated Current	Opening Time				
	1 In	2 In		3 In	10 In
	Min.	Min.	Max.	Max.	Max.
2A-8A	4 hr	1 sec	120 sec	3 sec	0.05 sec

**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.)
2A	<u>N</u>	60A @ 32V DC 35A @ 63V DC	*	0.0364-0.0676	0.400
2.5A	<u>O</u>		*	0.0280-0.0520	0.625
3A	<u>P</u>		*	0.0182-0.0338	1.170
4A	<u>S</u>		*	0.0105-0.0195	2.210
5A	<u>T</u>		*	0.0070-0.0130	2.500
6A	<u>U</u>		*	0.0049-0.0091	5.040
8A	<u>W</u>		*	0.0035-0.0065	7.680

**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

