Fuse



RoHS Compliant

#### **Specifications:**

#### **Electrical Characteristics:**

Rated Current	Rated Current 1 In Minimum		3 In Maximum		
0.2A to 5A	4 Hour	120 Second	3 Second		

Environmental Temperature at 25°C

## **Interrupting Ratings:**

 0.2A to 1A
 : 50 amperes at 32V DC

 1.25A to 5A
 : 35 amperes at 32V DC

#### **Environmental Specifications:**

#### **Operating Temperature:**

-55°C to +125°C

Thermal Shock: MIL-STD-202G, Method 213, Condition 1 (100G's peak for 6 milliseconds)

#### Vibration:

MIL-STD-202G, Method 204, Test Condition C

Moisture Resistance: MIL-STD-202G, Method 106, 10 day cycle

### Materials:

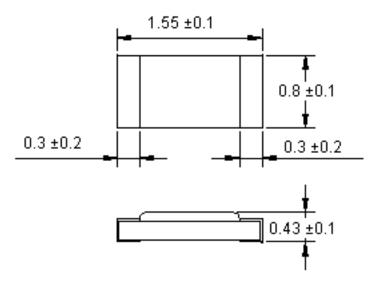
Construction Body Material: CeramicTermination Material: Copper (Cu), Nickel (Ni), Tin (Sn)Fuse Element: Copper (Cu),Tin (Sn)



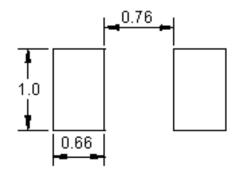
# Fuse



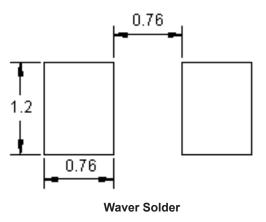
## Dimensions



**Recommended Land Pattern** 



**Reflow Solder** 

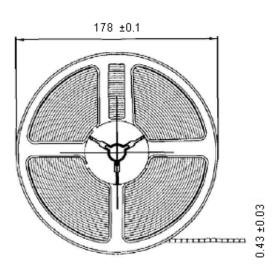


**Dimensions : Millimetres** 

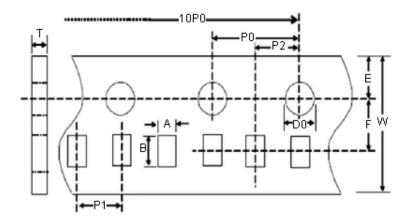




# Tape and Reel Specifications:



Dimensions : Millimetres



**Dimensions : Millimetres** 

Item	Α	В	W	Е	F	P0	P1	P2	D0	т	10P0
Criterion	1.08 0.02 -0.03	1.88 0.02 -0.03	8 0.1 -0.1	1.75 0.05 -0.05	3.5 0.05 -0.05	4 0.05 -0.05	4 0.05 -0.05	2 0.05 -0.05	1.55 0.05 -0.05	0.6 0.03 -0.03	40 0.1 -0.1
Maximum	1.1	1.9	8.1	1.8	3.55	4.05	4.05	2.05	1.6	0.63	40.1
Minimum	1.05	1.85	7.9	1.7	3.45	3.95	3.95	1.95	1.5	0.57	39.9

Tape and Reel Quantity : 5000 pcs/reel.





#### Part Number Table

Description	Marking	Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold (Ω)	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Second	Part Number
Fuse, SMD, 0603, 0.2A	С	200mA	32V	1.8	0.008	MC06CT.200
Fuse, SMD, 0603, 0.25A	D	250mA		1.3	0.018	MC06CT.250
Fuse, SMD, 0603, 0.375A	E	375mA		0.7	0.033	MC06CT.375
Fuse, SMD, 0603, 0.5A	F	500mA		0.35	0.062	MC06CT.500
Fuse, SMD, 0603, 0.75A	G	750mA		0.12	0.085	MC06CT 750
Fuse, SMD, 0603, 1A	н	1A		0.09	0.115	MC06CT 001
Fuse, SMD, 0603, 1.25A	J	1.25A		0.06	0.143	MC06CT 1.25
Fuse, SMD, 0603, 1.5A	к	1.5A		0.04	0.178	MC06CT 1.50
Fuse, SMD, 0603, 1.75A	L	1.75A		0.032	0.202	MC06CT 1.75
Fuse, SMD, 0603, 2A	N	2A	221/	0.029	0.254	MC06CT 002
Fuse, SMD, 0603, 2.5A	0	2.5A	32V	0.02	0.307	MC06CT 2.50
Fuse, SMD, 0603, 3A	Р	3A		0.016	0.388	MC06CT 003
Fuse, SMD, 0603, 3.5A	R	3.5A		0.014	0.558	MC06CT 3.50
Fuse, SMD, 0603, 4A	S	4A		0.01	0.633	MC06CT 004
Fuse, SMD, 0603, 5A	Т	5A		0.008	0.895	MC06CT 005

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