

RoHS  
Compliant

(See table on page 4 for markings)

## Specifications:

### Electrical Characteristics:

Rated Current	1 In Min.	2 In Max.	3 In Max.
0.2A to 7A	4 Hour	120 Second	3 Second

Environmental Temperature at 25°C

### Interrupting Ratings:

50A at 32V AC  
50A at 63V 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

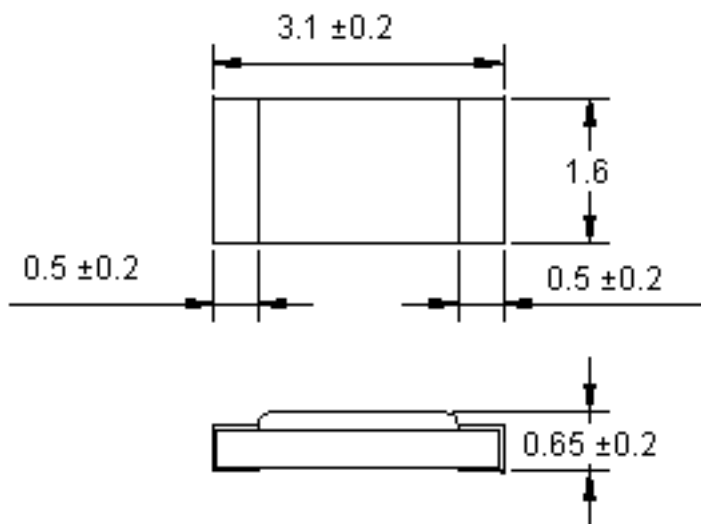
#### Moisture Resistance:

MIL-STD-202G, Method 106, 10 day cycle

### Materials:

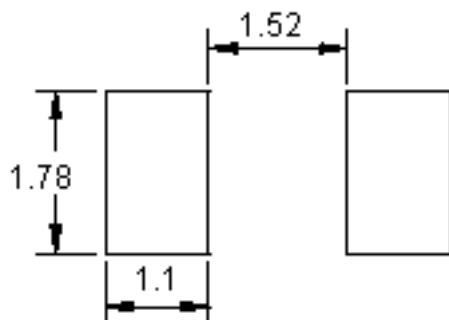
Construction Body Material : Ceramic  
Termination Material : Copper (Cu), Nickel (Ni), Tin (Sn)  
Fuse Element : Copper (Cu), Tin (Sn)

## Dimensions

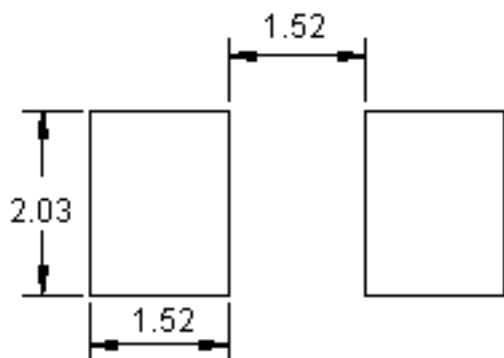


Dimensions : Millimetres

## Recommended Land Pattern



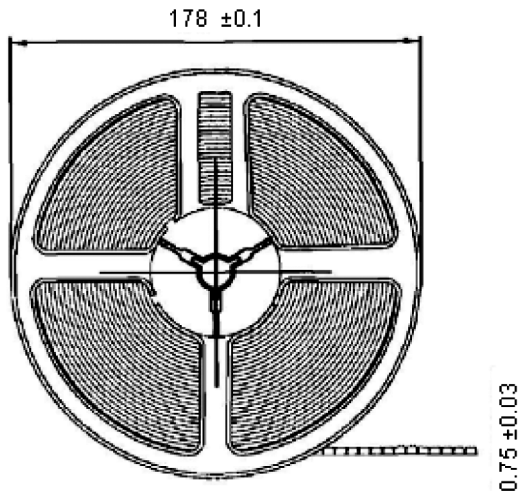
Reflow Solder



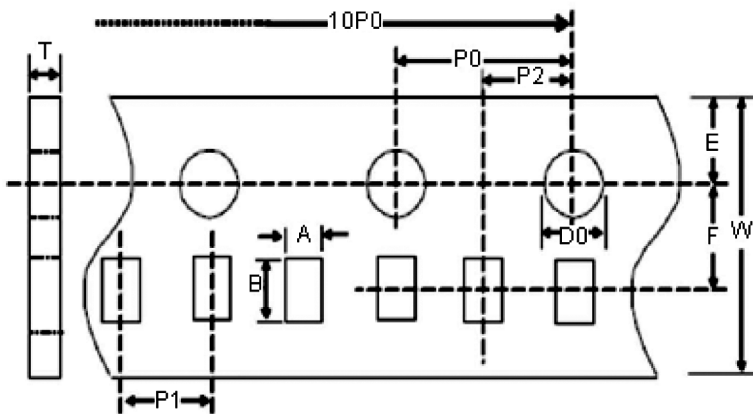
Waver Solder

Dimensions : Millimetres

## Tape and Reel Specifications:



Dimensions : Millimetres



Dimensions : Millimetres

Item	A	B	W	E	F	P0	P1	P2	D0	T	10P0
Criterion	2	3.5	8	1.75	3.5	4	4	2	1.55	0.75	40
	0.05	0.05	0.1	0.05	0.05	0.1	0.1	0.05	0.05	0.03	0.1
	-0.05	-0.05	-0.1	-0.05	-0.05	-0.1	-0.1	-0.05	-0.05	-0.03	-0.1
Maximum	2.05	3.55	8.1	1.8	3.55	4.1	4.1	2.05	1.6	0.78	40.1
Minimum	1.95	3.45	7.9	1.7	3.45	3.9	3.9	1.95	1.5	0.72	39.9

Tape and Reel Quantity : 5,000 pcs/reel.

## Part Number Table

Description	Marking	Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold ( $\Omega$ )	Nominal Melting $I^2t$ A <sup>2</sup> Second	Part Number
Fuse, SMD, 1206, 0.2A	C	200mA	63V	1.75	0.004	MC12CT.200
Fuse, SMD, 1206, 0.25A	D	250mA		1.1	0.006	MC12CT.250
Fuse, SMD, 1206, 0.375A	E	375mA		0.48	0.015	MC12CT.375
Fuse, SMD, 1206, 0.5A	F	500mA		0.37	0.027	MC12CT.500
Fuse, SMD, 1206, 0.75A	G	750mA		0.16	0.062	MC12CT 750
Fuse, SMD, 1206, 1A	H	1A	63V	0.1	0.111	MC12CT 001
Fuse, SMD, 1206, 1.25A	J	1.25A		0.068	0.173	MC12CT 1.25
Fuse, SMD, 1206, 1.5A	K	1.5A		0.044	0.249	MC12CT 1.50
Fuse, SMD, 1206, 1.75A	L	1.75A		0.038	0.339	MC12CT 1.75
Fuse, SMD, 1206, 2A	N	2A		0.031	0.444	MC12CT 002
Fuse, SMD, 1206, 2.5A	O	2.5A		0.024	0.693	MC12CT 2.50
Fuse, SMD, 1206, 3A	P	3A		0.017	0.999	MC12CT 003
Fuse, SMD, 1206, 4A	S	4A		0.013	1.776	MC12CT 004
Fuse, SMD, 1206, 5A	T	5A		0.008	2.775	MC12CT 005
Fuse, SMD, 1206, 7A	U	7A		0.006	5.493	MC12CT 007

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