



## Approvals

UL Recognized 0.2A to 7A.

## Electrical Characteristics:

Rated Current	1 In Minimum	2 In Maximum	3 In Maximum
0.2A to 7A	4 Hour	5 Second	0.2 Second

Environmental Temperature at 25°C

## Interrupting Ratings:

50 amperes at 32V ac.

50 amperes 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).

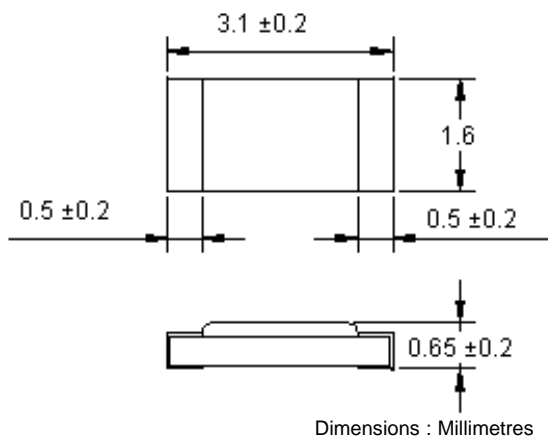
### Vibration:

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

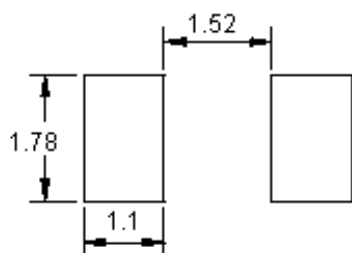
### Moisture Resistance:

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

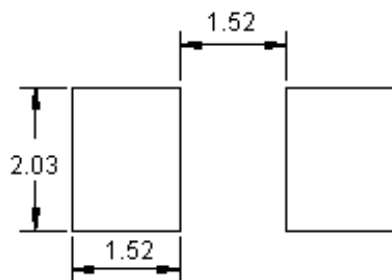
## Dimensions



## Recommended Land Pattern



**Reflow Solder**



**Waver Solder**

Dimensions : Millimetres

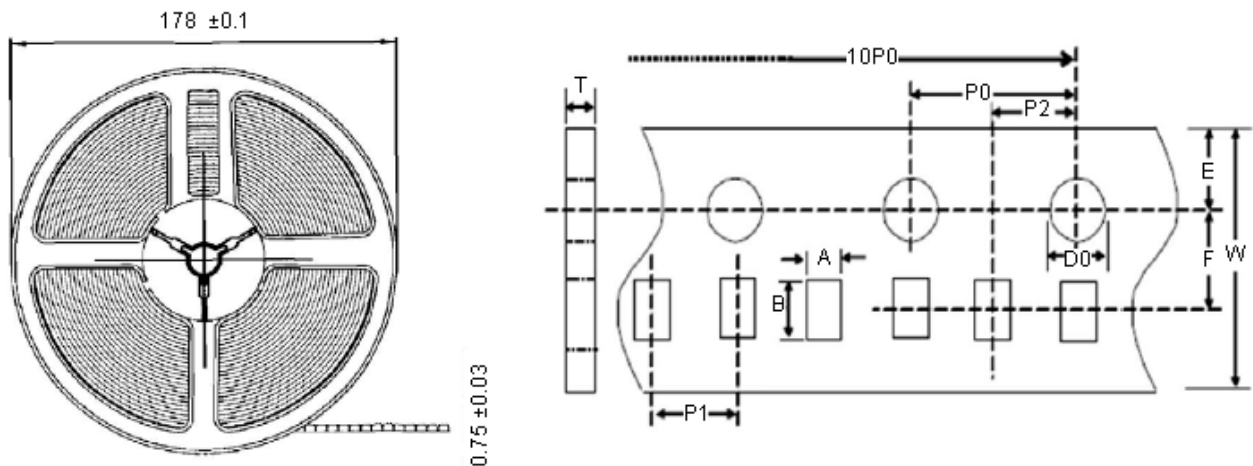
## Materials:

Construction body material : Ceramic.  
 Termination material : Copper (Cu), Nickel (Ni), Tin (Sn).  
 Fuse element : Copper (Cu), Tin (Sn).

## Specification Table:

Description	Marking	Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting $I^2t$ A <sup>2</sup> Second	Part Number
Fuse, SMD, 1206, 0.2A	C	200mA	63V	2.300	0.001	MC12CF.200
Fuse, SMD, 1206, 0.25A	D	250mA		1.300	0.005	MC12CF.250
Fuse, SMD, 1206, 0.375A	E	375mA		0.650	0.010	MC12CF.375
Fuse, SMD, 1206, 0.5A	F	500mA		0.440	0.022	MC12CF.500
Fuse, SMD, 1206, 0.75A	G	750mA		0.250	0.036	MC12CF 750
Fuse, SMD, 1206, 1A	H	1A		0.125	0.052	MC12CF 001
Fuse, SMD, 1206, 1.25A	J	1.25A		0.083	0.083	MC12CF 1.25
Fuse, SMD, 1206, 1.5A	K	1.5A		0.051	0.195	MC12CF 1.50
Fuse, SMD, 1206, 1.75A	L	1.75A		0.043	0.263	MC12CF 1.75
Fuse, SMD, 1206, 2A	N	2A		0.036	0.488	MC12CF 002
Fuse, SMD, 1206, 2.5A	O	2.5A		0.027	0.524	MC12CF 2.50
Fuse, SMD, 1206, 3A	P	3A		0.022	0.758	MC12CF 003
Fuse, SMD, 1206, 4A	S	4A		0.015	0.933	MC12CF 004
Fuse, SMD, 1206, 5A	T	5A		0.011	1.032	MC12CF 005
Fuse, SMD, 1206, 7A	U	7A		0.007	2.555	MC12CF 007

## Tape and Reel Specifications:



Dimensions : Millimetres

Item	A	B	W	E	F	P <sub>0</sub>	P <sub>1</sub>	P <sub>2</sub>	D <sub>0</sub>	T	10P <sub>0</sub>
Criterion	2.000	3.500	8.000	1.750	3.500	4.000	4.000	2.000	1.550	0.750	40.000
	0.050	0.050	0.100	0.050	0.050	0.100	0.100	0.050	0.050	0.030	0.100
	-0.050	-0.050	-0.100	-0.050	-0.050	-0.100	-0.100	-0.050	-0.050	-0.030	-0.100
Maximum	2.050	3.550	8.100	1.800	3.550	4.100	4.100	2.050	1.600	0.780	40.100
Minimum	1.950	3.450	7.900	1.700	3.450	3.900	3.900	1.950	1.500	0.720	39.900

**Tape and Reel Quantity :** 5000 pcs/reel.

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