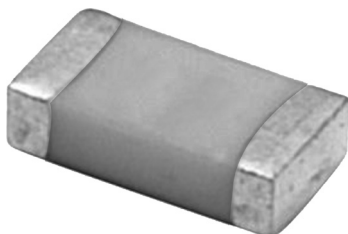


RoHS  
Compliant



## Specifications:

### Electrical Characteristics:

| Rated Current | 1 In<br>Min. | 2 In<br>Max. | 3 In<br>Max. |
|---------------|--------------|--------------|--------------|
| 0.2A to 5A    | 4 Hour       | 5 Second     | 0.2 Second   |

Environmental Temperature at 25°C

### Interrupting Ratings:

0.2A to 1A : 50A at 32V DC  
1.25A to 5A : 35A 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

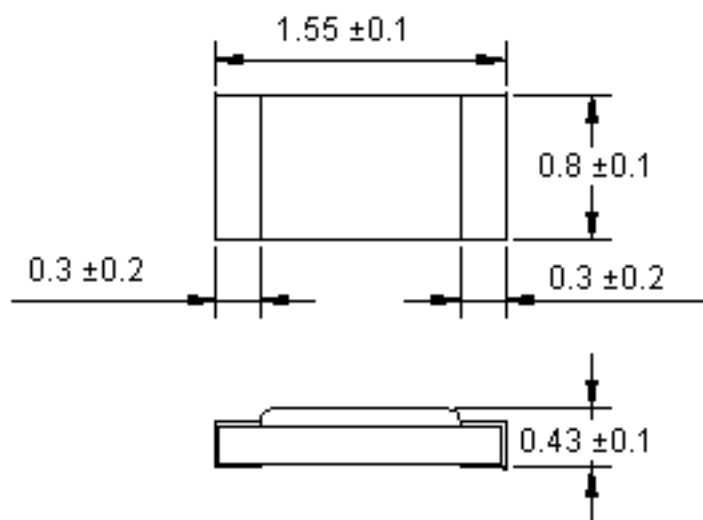
#### Moisture Resistance:

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

### Materials:

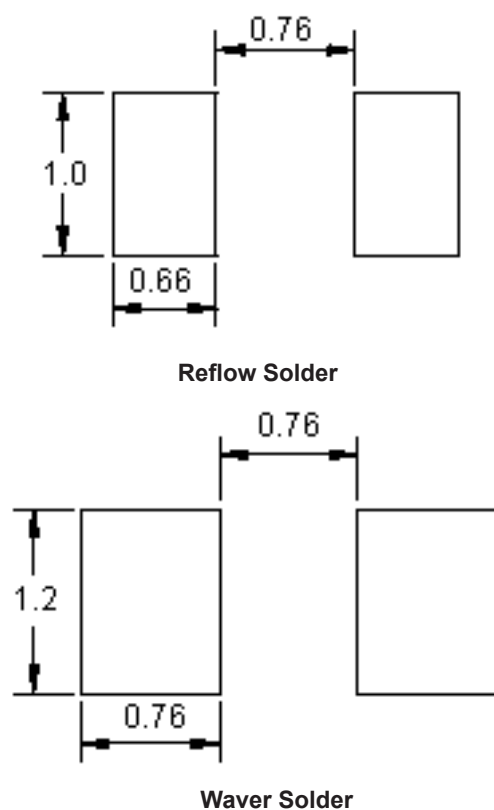
Construction Body Material : Ceramic  
Termination Material : Copper (Cu), Nickel (Ni), Tin (Sn)  
Fuse Element : Copper (Cu), Tin (Sn)

## Dimensions



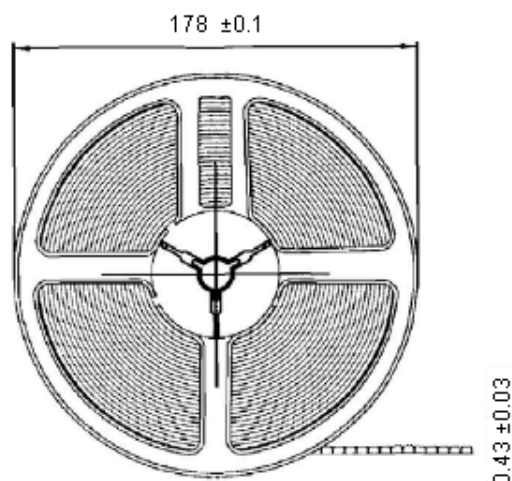
Dimensions : Millimetres

## Recommended Land Pattern

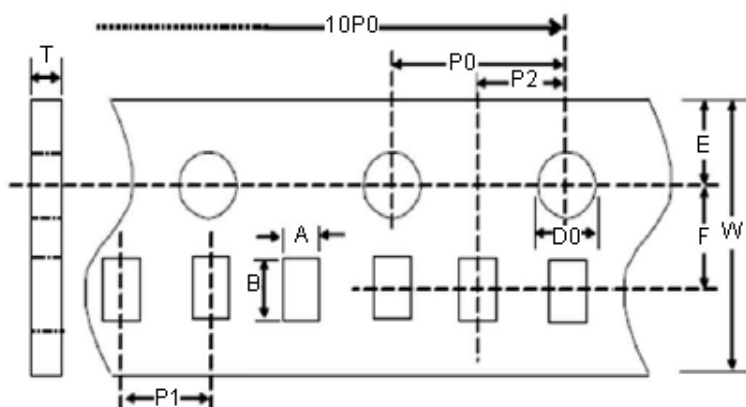


Dimensions : Millimetres

## Tape and Reel Specifications:



Dimensions : Millimetres



Dimensions : Millimetres

| Item      | A                     | B                     | W                | E                     | F                    | P0                 | P1                 | P2                 | D0                    | T                    | 10P0              |
|-----------|-----------------------|-----------------------|------------------|-----------------------|----------------------|--------------------|--------------------|--------------------|-----------------------|----------------------|-------------------|
| Criterion | 1.08<br>0.02<br>-0.03 | 1.88<br>0.02<br>-0.03 | 8<br>0.1<br>-0.1 | 1.75<br>0.05<br>-0.05 | 3.5<br>0.05<br>-0.05 | 4<br>0.05<br>-0.05 | 4<br>0.05<br>-0.05 | 2<br>0.05<br>-0.05 | 1.55<br>0.05<br>-0.05 | 0.6<br>0.03<br>-0.03 | 40<br>0.1<br>-0.1 |
| Max.      | 1.1                   | 1.9                   | 8.1              | 1.8                   | 3.55                 | 4.05               | 4.05               | 2.05               | 1.6                   | 0.63                 | 40.1              |
| Min.      | 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 : 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, 0603, 0.2A   | C       | 200mA              | 32V                | 2.8                                  | 0.001  | MC06CF.200  |
| Fuse, SMD, 0603, 0.25A  | D       | 250mA              |                    | 1.5                                  | 0.003  | MC06CF.250  |
| Fuse, SMD, 0603, 0.375A | E       | 375mA              |                    | 0.9                                  | 0.005  | MC06CF.375  |
| Fuse, SMD, 0603, 0.5A   | F       | 500mA              |                    | 0.46                                 | 0.008  | MC06CF.500  |
| Fuse, SMD, 0603, 0.75A  | G       | 750mA              |                    | 0.2                                  | 0.011  | MC06CF 750  |
| Fuse, SMD, 0603, 0.2A   | C       | 200mA              | 32V                | 2.8                                  | 0.001  | MC06CF.200  |
| Fuse, SMD, 0603, 0.25A  | D       | 250mA              |                    | 1.5                                  | 0.003  | MC06CF.250  |
| Fuse, SMD, 0603, 0.375A | E       | 375mA              |                    | 0.9                                  | 0.005  | MC06CF.375  |
| Fuse, SMD, 0603, 0.5A   | F       | 500mA              |                    | 0.46                                 | 0.008  | MC06CF.500  |
| Fuse, SMD, 0603, 0.75A  | G       | 750mA              |                    | 0.2                                  | 0.011  | MC06CF 750  |
| Fuse, SMD, 0603, 1A     | H       | 1A                 | 32V                | 0.1                                  | 0.015  | MC06CF 001  |
| Fuse, SMD, 0603, 1.25A  | J       | 1.25A              |                    | 0.08                                 | 0.021  | MC06CF 1.25 |
| Fuse, SMD, 0603, 1.5A   | K       | 1.5A               |                    | 0.055                                | 0.033  | MC06CF 1.50 |
| Fuse, SMD, 0603, 1.75A  | L       | 1.75A              |                    | 0.038                                | 0.043  | MC06CF 1.75 |
| Fuse, SMD, 0603, 2A     | N       | 2A                 |                    | 0.032                                | 0.056  | MC06CF 002  |
| Fuse, SMD, 0603, 2.5A   | O       | 2.5A               |                    | 0.028                                | 0.102  | MC06CF 2.50 |
| Fuse, SMD, 0603, 3A     | P       | 3A                 |                    | 0.02                                 | 0.158  | MC06CF 003  |
| Fuse, SMD, 0603, 3.5A   | R       | 3.5A               |                    | 0.017                                | 0.205  | MC06CF 3.50 |
| Fuse, SMD, 0603, 4A     | S       | 4A                 |                    | 0.014                                | 0.335  | MC06CF 004  |
| Fuse, SMD, 0603, 5A     | T       | 5A                 |                    | 0.01                                 | 0.569  | MC06CF 005  |

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