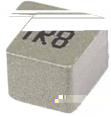


## MDTE Series

## Wire Wound Molded SMD Power Inductors Size 7030



## FEATURES

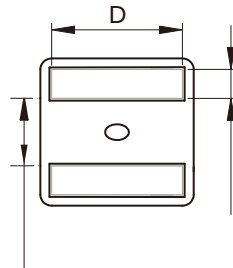
- ☐ ☐ ☐ ☐ ☐ ☐

 $\dot{C}$ 

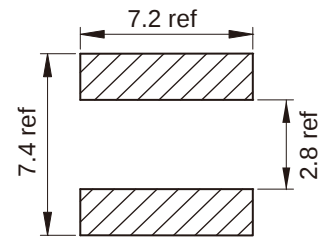
## APPLICATION

- 1001

Dimensions: [mm]



Land Pattern: [mm]



### Electrical Properties:

[illegible]

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^{\circ}\text{C}$

## Soldering Reflow:

Preheat condition: 150 ~200℃ / 60~120 sec.

Allowed time above 217℃ : 60~90 sec.

Max temperature: 260℃.

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

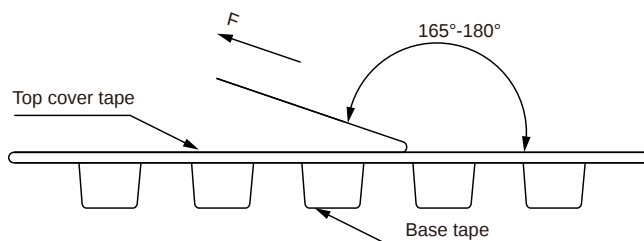


## Packaging Information:

### Tape Dimension :

| Series   | A0<br>(mm) | B0<br>(mm) | D<br>(mm) | P0<br>(mm) | P1<br>(mm) | W<br>(mm) | K0<br>(mm) | E<br>(mm) | T<br>(mm) |
|----------|------------|------------|-----------|------------|------------|-----------|------------|-----------|-----------|
| MDTE7030 | 8.2±0.1    | 8.0±0.1    | 1.5±0.1   | 4.0±0.1    | 12.0±0.1   | 16.0±0.3  | 3.3±0.1    | 1.75±0.1  | 0.35±0.05 |

### Peel force of top cover tape:



The peel force of top cover tape shall be between 0.1 to 1.3 N

Reel Dimension: [mm]



Packaging Quantity: