**NRSA Series**
SMD Power Inductors For Automotive
Size 6020

**FEATURES**

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**APPLICATION**

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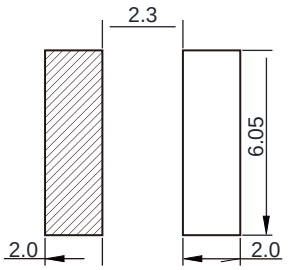
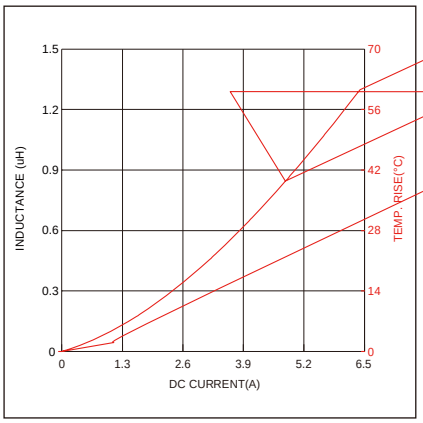
Dimensions: [mm]

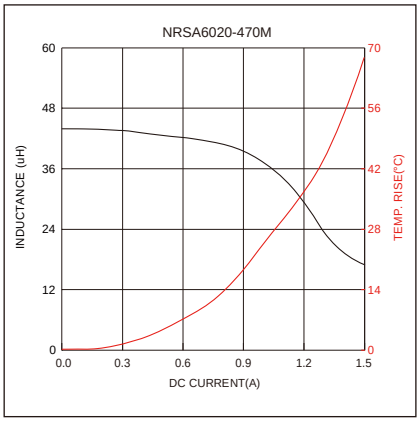
Land Pattern: [mm]




Electrical Properties:

# Typical Electrical Characteristics:




NRSA6020-470M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
60
48
36
24
12
0
70
56
42
28
14
0
0.0
0.3
0.6
0.9
1.2
1.5

## Soldering Reflow:

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

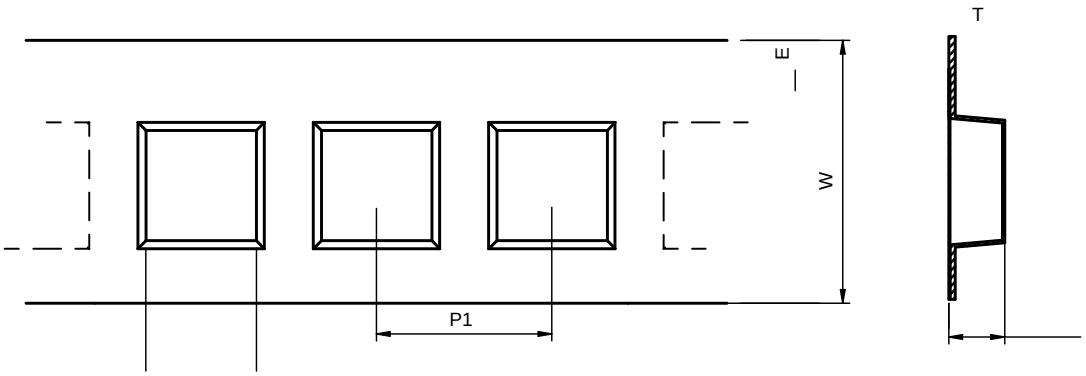
Allowed time above 217℃: 60~90 sec.

Max temperature: 260℃.

Allowed Reflow time: 2x max.

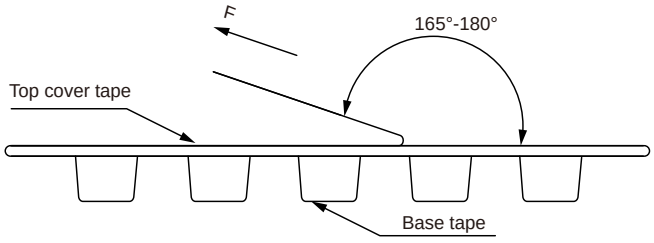
## Packaging Information:

### Tape Dimension:



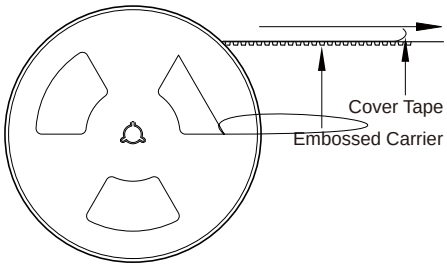

| Series | A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | W (mm) | K0 (mm) | E (mm) | T (mm) |
|---|---|---|---|---|---|---|---|---|---|
| NRSA6020 | 6.4±0.1 | 6.4±0.1 | 1.5±0.1 | 4.0±0.1 | 12.0±0.1 | 16.0±0.3 | 2.3±0.1 | 1.75±0.1 | 0.35±0.05 |

### Peel force of top cover tape:




The peel force of top cover tape shall be between 0.3 to 1.17 N

Reel Dimension：[mm]




Packaging Quantity: