

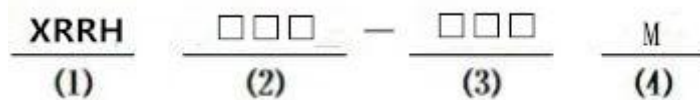
## ■ Features

- High current type.
- Ferrite bobbin core and compact size.
- Low core loss for high frequency power application.
- Large terminal surface for good PCB bonding.
- Operating temperature:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ .

## ■ Applications

- Portable communication equipment.
- Notebook PC, digital camera, LCD television set.
- Power supply for VTR, OA equipment.
- DC/DC converters.

## ■ Product Identification



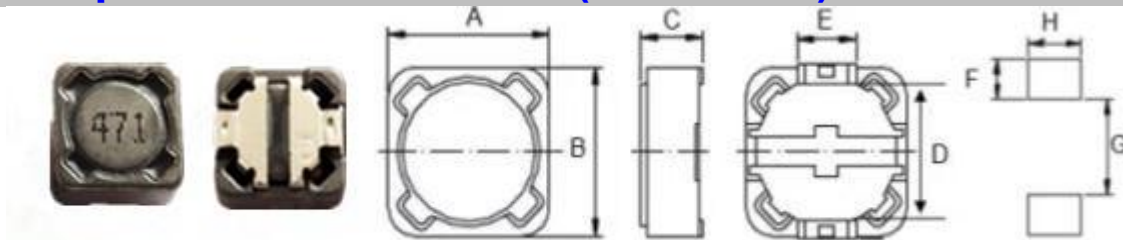
(1) : Type

(2) : Dimensions

(3) : Inductance value

(4) : Inductance Tolerance; M=±20%

## ■ Shapes and Dimensions (Unit: mm)



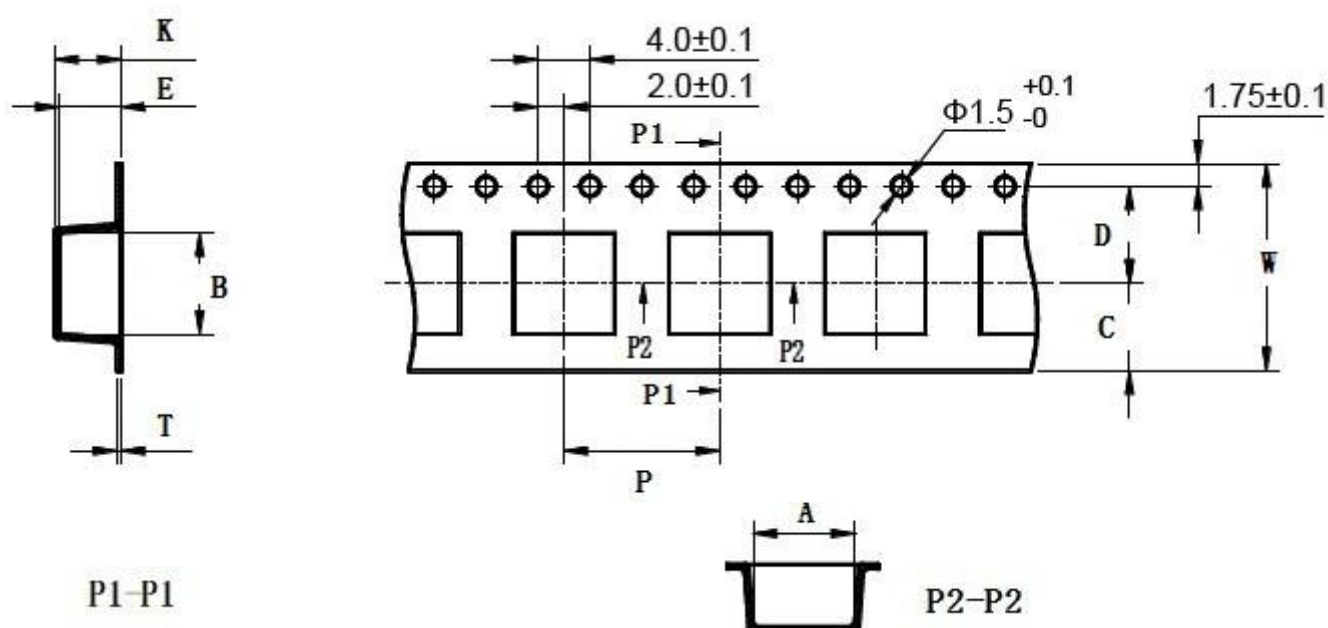
| TYPE    | A        | B        | C max | D        | E   | F Ref. | G Ref. | H Ref. |
|---------|----------|----------|-------|----------|-----|--------|--------|--------|
| XRRH124 | 12.0±0.5 | 12.0±0.5 | 5.0   | 7.60±0.2 | 5.0 | 2.8    | 7.0    | 5.4    |

| Part Number  | Inductance<br>(uH) | L Test Frequency<br>(KHz) | Max.DC Resistance<br>(Ω) | MAX.Rated Current<br>(A) |
|--------------|--------------------|---------------------------|--------------------------|--------------------------|
| XRRH124-1R8M | 1.80               | 100                       | 0.011                    | 9.00                     |
| XRRH124-2R2M | 2.20               | 100                       | 0.012                    | 8.20                     |
| XRRH124-2R7M | 2.70               | 100                       | 0.0125                   | 7.60                     |
| XRRH124-3R3M | 3.30               | 100                       | 0.014                    | 7.00                     |
| XRRH124-3R9M | 3.90               | 100                       | 0.015                    | 6.50                     |
| XRRH124-4R7M | 4.70               | 100                       | 0.018                    | 5.70                     |
| XRRH124-5R6M | 5.60               | 100                       | 0.021                    | 5.20                     |
| XRRH124-6R8M | 6.80               | 100                       | 0.023                    | 4.90                     |
| XRRH124-8R2M | 8.20               | 100                       | 0.026                    | 4.50                     |
| XRRH124-100M | 10.0               | 100                       | 0.028                    | 4.30                     |
| XRRH124-120M | 12.0               | 100                       | 0.038                    | 4.00                     |
| XRRH124-150M | 15.0               | 100                       | 0.050                    | 3.20                     |
| XRRH124-180M | 18.0               | 100                       | 0.057                    | 3.10                     |
| XRRH124-220M | 22.0               | 100                       | 0.066                    | 2.90                     |
| XRRH124-270M | 27.0               | 100                       | 0.080                    | 2.80                     |
| XRRH124-330M | 33.0               | 100                       | 0.097                    | 2.70                     |
| XRRH124-390M | 39.0               | 100                       | 0.132                    | 2.10                     |
| XRRH124-470M | 47.0               | 100                       | 0.150                    | 1.90                     |
| XRRH124-560M | 56.0               | 100                       | 0.190                    | 1.80                     |
| XRRH124-680M | 68.0               | 100                       | 0.220                    | 1.50                     |
| XRRH124-820M | 82.0               | 100                       | 0.260                    | 1.30                     |
| XRRH124-101M | 100                | 100                       | 0.308                    | 1.20                     |

| Part Number  | Inductance<br>( $\mu$ H) | L Test Frequency<br>(KHz) | Max.DC Resistance<br>( $\Omega$ ) | MAX.Rated Current<br>(A) |
|--------------|--------------------------|---------------------------|-----------------------------------|--------------------------|
| XRRH124-121M | 120                      | 100                       | 0.380                             | 1.10                     |
| XRRH124-151M | 150                      | 100                       | 0.530                             | 0.95                     |
| XRRH124-181M | 180                      | 100                       | 0.620                             | 0.85                     |
| XRRH124-221M | 220                      | 100                       | 0.700                             | 0.80                     |
| XRRH124-271M | 270                      | 100                       | 0.870                             | 0.60                     |
| XRRH124-331M | 330                      | 100                       | 0.990                             | 0.50                     |
| XRRH124-471M | 470                      | 100                       | 1.100                             | 0.25                     |
| XRRH124-102M | 1000                     | 100                       | 2.870                             | 0.20                     |

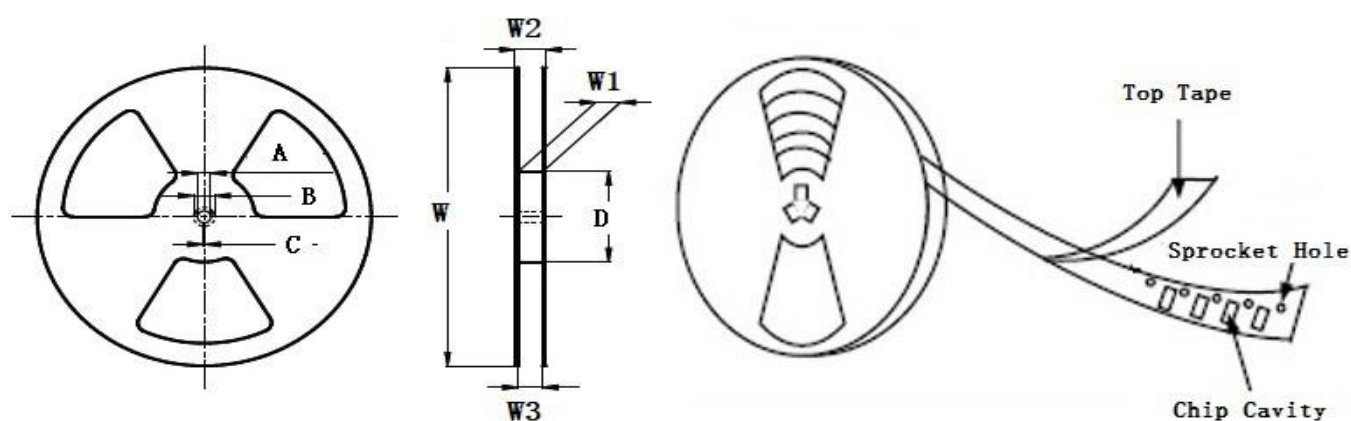
- ※ The saturation current value is the DC current value having inductance decrease down to 30%.(at 20℃)
- ※ The temperature rise current value is the DC current value having temperature increase up to 40℃. (at 20℃)
- ※ The rated current is the DC current value that satisfies both of current value saturation current value and temperature rise current value.

## ■ Taping Dimensions(Unit:mm)



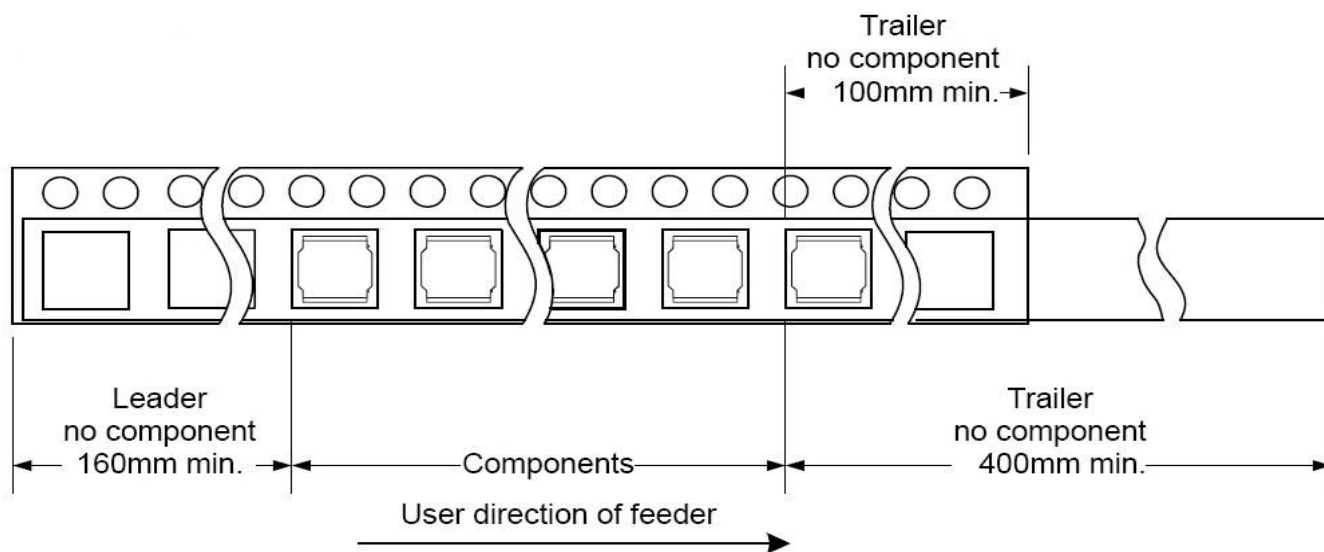
| TYPE    | MPQ | W      | A        | B        | C     | D        | E       | P      | K       | T        |
|---------|-----|--------|----------|----------|-------|----------|---------|--------|---------|----------|
| XRRH124 | 500 | 24±0.3 | 12.6±0.1 | 12.6±0.1 | 10.75 | 11.5±0.1 | 4.8±0.1 | 16±0.1 | 5.1 Ref | 0.4±0.05 |

## ■ Reel Dimensions(Unit:mm)

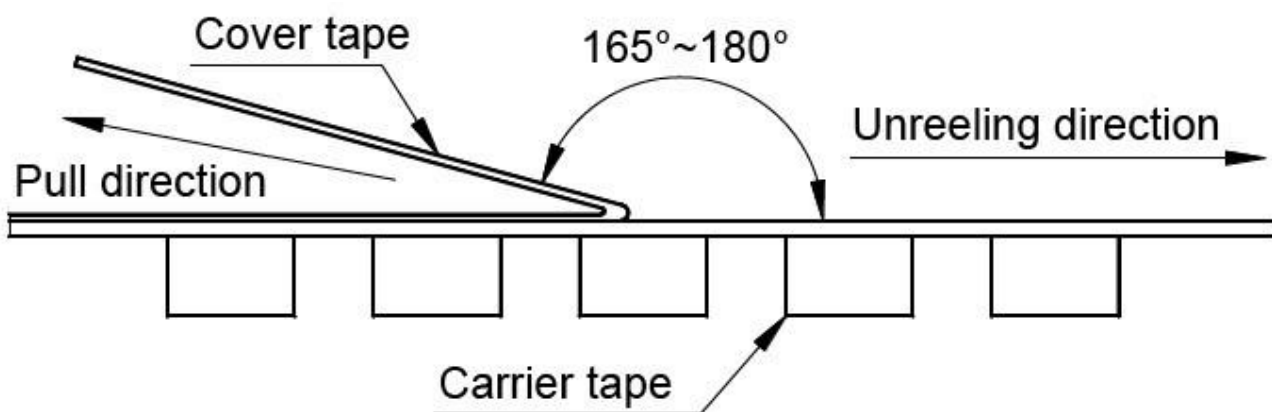


| TYPE    | W        | W1        | W2        | W3        | A         | B         | C        | D       |
|---------|----------|-----------|-----------|-----------|-----------|-----------|----------|---------|
| XRRH124 | 330±2.00 | 24.4±1.50 | 30.40 Max | 23.90 Min | 13.0±0.50 | 21.0±0.80 | 2.0±0.50 | 100 Min |

## Direction of rolling



## Cover tape peel off condition



Cover tape peel force shall be 0.1N to 1.3N.

Reference peel speed  $300 \pm 10$  mm/min.

单击下面可查看定价，库存，交付和生命周期等信息

[>>XR\(祥如\)](#)