

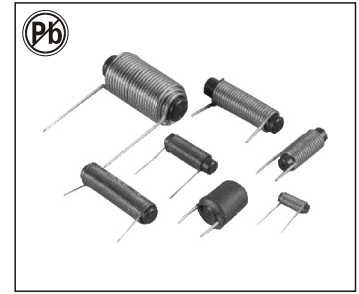
# THROUGH-HOLE HIGH CURRENT RADIAL ROD CHOKES RC0310 SERIES

## FEATURES:

- Low cost design general Purpose inductor
- High Saturation current
- Easy construction that uses Ferrite rod cores

## APPLICATIONS:

- Switching Regulators
- Automotive Systems
- Power Amplifiers
- Power Supplies
- EMI/RFI suppression
- DC line Filters



## ELECTRICAL CHARACTERISTICS:

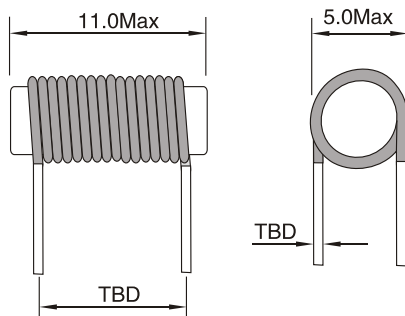
| Part Number | L<br>uH | DCR<br>Ω<br>Max | IDC<br>A<br>Max | SRF<br>(MHz)<br>Min | Wire size<br>(mm) | Turns |
|-------------|---------|-----------------|-----------------|---------------------|-------------------|-------|
| RC0310-1R8K | 1.8     | 0.026           | 1.90            | 160                 | 0.55              | 11.5  |
| RC0310-2R2K | 2.2     | 0.028           | 1.57            | 150                 | 0.50              | 13.5  |
| RC0310-2R7K | 2.7     | 0.030           | 1.57            | 140                 | 0.50              | 15.5  |
| RC0310-3R3K | 3.3     | 0.035           | 1.27            | 135                 | 0.45              | 17.5  |
| RC0310-3R9K | 3.9     | 0.050           | 1.00            | 110                 | 0.40              | 18.5  |
| RC0310-4R7K | 4.7     | 0.070           | 0.76            | 90                  | 0.35              | 19.5  |

Note:1. K= ± 10%, M= ± 20%

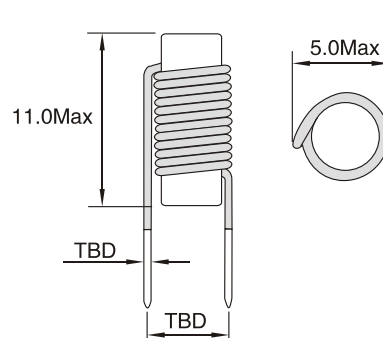
## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

DIMENSIONS IN:mm

Horizontal



Vertical



- Inductance measured with zero D.C current
- Increment current reduces inductance by ≤ 10%
- Operating temperature: -20°C~+80°C
- Test Equipment

Note:All specifications subject to change without notice.

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