

查询"CTCDRH124F-3R9N"供应商

## CTCDRH124 Series

From 3.9  $\mu\text{H}$  to 330  $\mu\text{H}$ 

ENGINEERING KIT #23F



## SPECIFICATIONS

Part numbers indicate tolerance available.

N =  $\pm 30\%$ , M =  $\pm 20\%$ 

CTCDRH124E Please specify "F" for RoHS Compliant

| Part Number     | Inductance ( $\mu\text{H}$ ) | L Test Freq. (kHz) | DCR Max. ( $\Omega$ ) | IDC Max. (A) |
|-----------------|------------------------------|--------------------|-----------------------|--------------|
| CTCDRH124_-3R9N | 3.9                          | 100                | .02                   | 6.5          |
| CTCDRH124_-4R7N | 4.7                          | 100                | .02                   | 5.7          |
| CTCDRH124_-6R8N | 6.8                          | 100                | .02                   | 4.9          |
| CTCDRH124_-8R2N | 8.2                          | 100                | .03                   | 4.6          |
| CTCDRH124_-100M | 10                           | 100                | .03                   | 4.5          |
| CTCDRH124_-120M | 12                           | 100                | .04                   | 4.0          |
| CTCDRH124_-150M | 15                           | 100                | .05                   | 3.2          |
| CTCDRH124_-180M | 18                           | 100                | .06                   | 3.1          |
| CTCDRH124_-220M | 22                           | 100                | .07                   | 2.9          |
| CTCDRH124_-270M | 27                           | 100                | .08                   | 2.8          |
| CTCDRH124_-330M | 33                           | 100                | .10                   | 2.7          |
| CTCDRH124_-390M | 39                           | 100                | .13                   | 2.1          |
| CTCDRH124_-470M | 47                           | 100                | .16                   | 1.9          |
| CTCDRH124_-560M | 56                           | 100                | .19                   | 1.8          |
| CTCDRH124_-680M | 68                           | 100                | .22                   | 1.5          |
| CTCDRH124_-820M | 82                           | 100                | .26                   | 1.3          |
| CTCDRH124_-101M | 100                          | 100                | .31                   | 1.2          |
| CTCDRH124_-121M | 120                          | 100                | .38                   | 1.1          |
| CTCDRH124_-151M | 150                          | 100                | .53                   | 1.0          |
| CTCDRH124_-181M | 180                          | 100                | .62                   | 0.9          |
| CTCDRH124_-221M | 220                          | 100                | .70                   | 0.8          |
| CTCDRH124_-271M | 270                          | 100                | .87                   | 0.6          |
| CTCDRH124_-331M | 330                          | 100                | .99                   | 0.5          |

## CHARACTERISTICS

**Description:** SMD (shielded) power inductor**Applications:** Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.**Operating Temperature:**  $-25^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ **Inductance Tolerance:**  $\pm 20\%$ ,  $\pm 30\%$ **Testing:** Inductance is tested on an HP4284A at 100 kHz**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code.**Miscellaneous:** RoHS Compliant available**Additional Information:** Additional electrical & physical information available upon request**Samples available.** See website for ordering information.

## PHYSICAL DIMENSIONS

| Size   | A<br>Max. | B<br>Max. | C     | D     |
|--------|-----------|-----------|-------|-------|
| mm     | 12.5      | 4.5       | 7.6   | 5.0   |
| inches | 0.492     | 0.18      | 0.299 | 0.197 |

