

查询"CTCDRH127-681M"供应商

## CTCDRH127 Series

From 1.2  $\mu\text{H}$  to 1,000  $\mu\text{H}$ 

## ENGINEERING KIT #32F



## 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:** -40°C to +125°C**Inductance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 15\%$ ,  $\pm 20\%$ ,  $+40\%$  -20%**Testing:** Inductance is tested on an HP4284A at specified frequency**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code**Miscellaneous:** RoHS Compliant available. Magnetically shielded**Additional Information:** Additional electrical & physical information available upon request**Samples available.** See website for ordering information.

## SPECIFICATIONS

Please specify tolerance code when ordering.

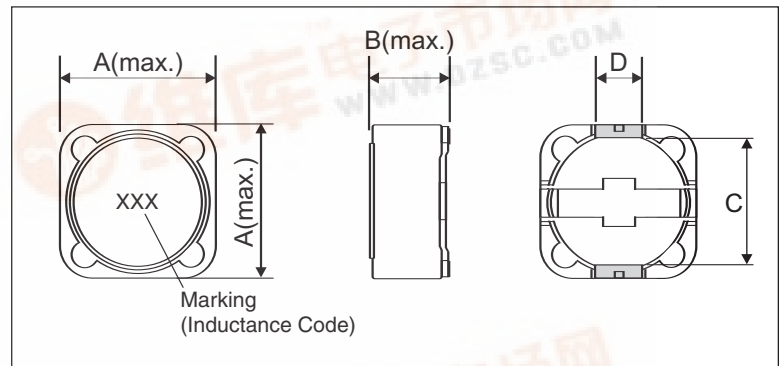
CTCDRH127-560  $\leftarrow$  J =  $\pm 5\%$ , K =  $\pm 10\%$  L =  $\pm 15\%$  M =  $\pm 20\%$ , N =  $+40\%$  -20%

CTCDRH127E Please specify "F" for RoHS compliant

| Part Number     | Inductance ( $\mu\text{H}$ ) | L Test Freq. (kHz) | DCR Max. (m $\Omega$ ) | IDC Max. (A) |
|-----------------|------------------------------|--------------------|------------------------|--------------|
| CTCDRH127_-1R2N | 1.2                          | 100                | 7.0                    | 9.80         |
| CTCDRH127_-2R4N | 2.4                          | 100                | 11.5                   | 8.00         |
| CTCDRH127_-3R5N | 3.5                          | 100                | 13.5                   | 7.50         |
| CTCDRH127_-4R7N | 4.7                          | 100                | 15.8                   | 6.80         |
| CTCDRH127_-6R1N | 6.1                          | 100                | 17.6                   | 6.60         |
| CTCDRH127_-7R6N | 7.6                          | 100                | 20.0                   | 5.90         |
| CTCDRH127_-100M | 10                           | 1.0                | 21.6                   | 5.40         |
| CTCDRH127_-120M | 12                           | 1.0                | 24.3                   | 4.90         |
| CTCDRH127_-150M | 15                           | 1.0                | 27.0                   | 4.50         |
| CTCDRH127_-180M | 18                           | 1.0                | 39.2                   | 3.90         |
| CTCDRH127_-220M | 22                           | 1.0                | 43.2                   | 3.60         |
| CTCDRH127_-270M | 27                           | 1.0                | 45.9                   | 3.40         |
| CTCDRH127_-330M | 33                           | 1.0                | 64.8                   | 3.00         |
| CTCDRH127_-390M | 39                           | 1.0                | 72.9                   | 2.75         |
| CTCDRH127_-470M | 47                           | 1.0                | 100                    | 2.50         |
| CTCDRH127_-560  | 56                           | 1.0                | 110                    | 2.35         |
| CTCDRH127_-680  | 68                           | 1.0                | 140                    | 2.10         |
| CTCDRH127_-820  | 82                           | 1.0                | 160                    | 1.95         |
| CTCDRH127_-101  | 100                          | 1.0                | 220                    | 1.70         |
| CTCDRH127_-121  | 120                          | 1.0                | 250                    | 1.60         |
| CTCDRH127_-151  | 150                          | 1.0                | 280                    | 1.42         |
| CTCDRH127_-181  | 180                          | 1.0                | 350                    | 1.30         |
| CTCDRH127_-221  | 220                          | 1.0                | 390                    | 1.16         |
| CTCDRH127_-271  | 270                          | 1.0                | 560                    | 1.06         |
| CTCDRH127_-331  | 330                          | 1.0                | 640                    | 0.95         |
| CTCDRH127_-391  | 390                          | 1.0                | 700                    | 0.88         |
| CTCDRH127_-471  | 470                          | 1.0                | 980                    | 0.79         |
| CTCDRH127_-561  | 560                          | 1.0                | 1070                   | 0.73         |
| CTCDRH127_-681  | 680                          | 1.0                | 1460                   | 0.67         |
| CTCDRH127_-821  | 820                          | 1.0                | 1640                   | 0.60         |
| CTCDRH127_-102  | 1000                         | 1.0                | 1820                   | 0.55         |

## PHYSICAL DIMENSIONS

| Size   | A     | B     | C               | D               |
|--------|-------|-------|-----------------|-----------------|
| mm     | 12.5  | 8     | 7.6 $\pm$ 0.2   | 5 $\pm$ 0.2     |
| inches | 0.492 | 0.314 | 0.3 $\pm$ 0.007 | 0.2 $\pm$ 0.007 |



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Manufacturer of Inductors, Chokes, Coils, Beads, Transformers &amp; Toroids

800-684-5322 Inside US

949-453-1811 Outside US

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