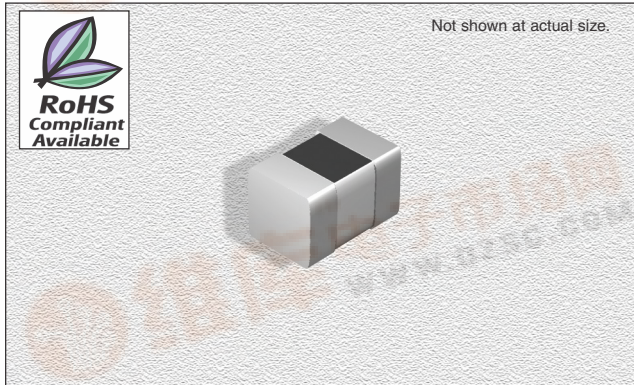


查询"CTLL1608F-FH62NK"供应商

## CTLL1608FH Series

From 1.0 nH to 220 nH

## ENGINEERING KIT #6F



## CHARACTERISTICS

**Description:** Ceramic core, multi-layer chip inductor for high frequency applications

**Applications:** Portable telephones, PMS, pagers and miscellaneous high frequency circuits

**Operating Temperature:** -40°C to +100°C

**Inductance Tolerance:**  $\pm 0.3\text{nH}$ ,  $\pm 5\%$ ,  $\pm 10\%$

**Testing:** Inductance and Q are tested on an HP4286A at specified frequency

**Packaging:** Tape & Reel

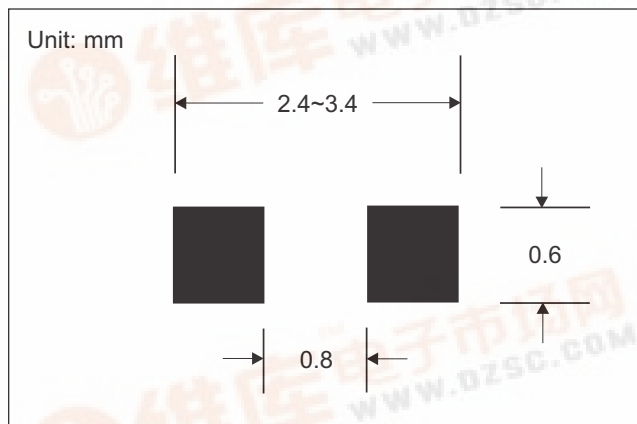
**Marking:** Reels marked with inductance code and tolerance

**Miscellaneous:** RoHS Compliant available.

**Additional Information:** Additional electrical & physical information available upon request

**Samples available.** See website for ordering information.

## PAD LAYOUT



## SPECIFICATIONS

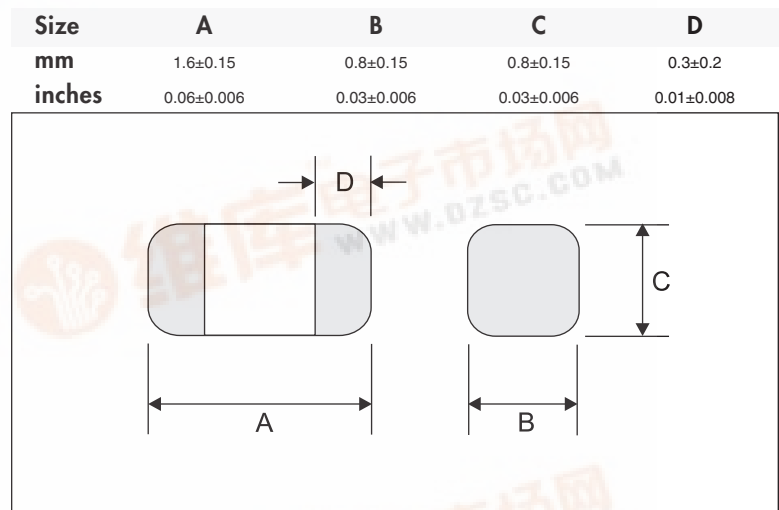
Please specify tolerance code when ordering.

CTLL1608-FH3N3  $\leftarrow$  S =  $\pm 0.3\text{nH}$ , J =  $\pm 5\%$ , K =  $\pm 10\%$   
 \* S, K only \*\* J, K only

CTLL1608F Please specify "F" for RoHS compliant

| Part Number       | L (nH) | Q Min. at (MHz) |     | Q Typ. at (MHz) |     |     |     | SRF Typ. (MHz) | DCR Max ( $\Omega$ ) | IDC Max. (mA) |
|-------------------|--------|-----------------|-----|-----------------|-----|-----|-----|----------------|----------------------|---------------|
|                   |        | 50              | 100 | 50              | 100 | 300 | 500 | 800            |                      |               |
| CTLL1608_-FH1N0S  | 1.0    | 8               |     | 12              |     |     |     | 60             | 10000                | 0.10          |
| CTLL1608_-FH1N2S  | 1.2    | 8               |     | 13              |     |     |     | 60             | 10000                | 0.10          |
| CTLL1608_-FH1N5S  | 1.5    | 8               |     | 13              |     |     |     | 57             | 8000                 | 0.10          |
| CTLL1608_-FH1N8S  | 1.8    | 8               |     | 13              |     |     |     | 51             | 8000                 | 0.10          |
| CTLL1608_-FH2N2S  | 2.2    | 8               |     | 13              |     |     |     | 46             | 7200                 | 0.10          |
| CTLL1608_-FH2N7S  | 2.7    | 10              |     | 13              |     |     |     | 46             | 6200                 | 0.10          |
| CTLL1608_-FH3N3*  | 3.3    | 10              |     | 13              |     |     |     | 47             | 5200                 | 0.12          |
| CTLL1608_-FH3N9*  | 3.9    | 10              |     | 13              |     |     |     | 47             | 5000                 | 0.14          |
| CTLL1608_-FH4N7*  | 4.7    | 10              |     | 13              |     |     |     | 41             | 4750                 | 0.16          |
| CTLL1608_-FH5N6*  | 5.6    | 10              |     | 13              |     |     |     | 41             | 4100                 | 0.18          |
| CTLL1608_-FH6N8** | 6.8    | 10              |     | 13              |     |     |     | 44             | 3750                 | 0.22          |
| CTLL1608_-FH8N2** | 8.2    | 10              |     | 13              |     |     |     | 44             | 3300                 | 0.24          |
| CTLL1608_-FH10N** | 10     | 12              |     | 13              |     |     |     | 45             | 3000                 | 0.26          |
| CTLL1608_-FH12N** | 12     | 12              |     | 15              |     |     |     | 46             | 2600                 | 0.28          |
| CTLL1608_-FH15N** | 15     | 12              |     | 15              |     |     |     | 48             | 2500                 | 0.32          |
| CTLL1608_-FH18N** | 18     | 12              |     | 15              |     |     |     | 48             | 2400                 | 0.35          |
| CTLL1608_-FH22N** | 22     | 12              |     | 17              |     |     |     | 45             | 2000                 | 0.40          |
| CTLL1608_-FH27N** | 27     | 12              |     | 17              |     |     |     | 43             | 1900                 | 0.45          |
| CTLL1608_-FH33N** | 33     | 12              |     | 18              |     |     |     | 39             | 1600                 | 0.55          |
| CTLL1608_-FH39N** | 39     | 12              |     | 18              |     | 37  |     | 1400           | 0.60                 | 300           |
| CTLL1608_-FH47N** | 47     | 12              |     | 18              |     | 35  |     | 1300           | 0.70                 | 300           |
| CTLL1608_-FH56N** | 56     | 12              |     | 18              |     | 32  |     | 1100           | 0.75                 | 300           |
| CTLL1608_-FH62N** | 62     | 12              |     | 18              |     | 34  |     | 1050           | 0.85                 | 300           |
| CTLL1608_-FH68N** | 68     | 12              |     | 18              |     | 34  |     | 1050           | 0.85                 | 300           |
| CTLL1608_-FH82N** | 82     | 12              |     | 18              |     | 32  |     | 900            | 1.0                  | 300           |
| CTLL1608_-FHR10** | 100    | 12              |     | 18              |     | 20  |     | 770            | 1.2                  | 300           |
| CTLL1608_-FHR12** | 120    | 8               | 14  | 20              |     |     |     | 850            | 2.3                  | 250           |
| CTLL1608_-FHR15** | 150    | 8               | 15  | 16              |     |     |     | 550            | 2.4                  | 250           |
| CTLL1608_-FHR18** | 180    | 8               | 15  | 16              |     |     |     | 520            | 2.7                  | 250           |
| CTLL1608_-FHR22** | 220    | 8               | 15  | 16              |     |     |     | 500            | 3.0                  | 250           |

## PHYSICAL DIMENSIONS



05.14.07

Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

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