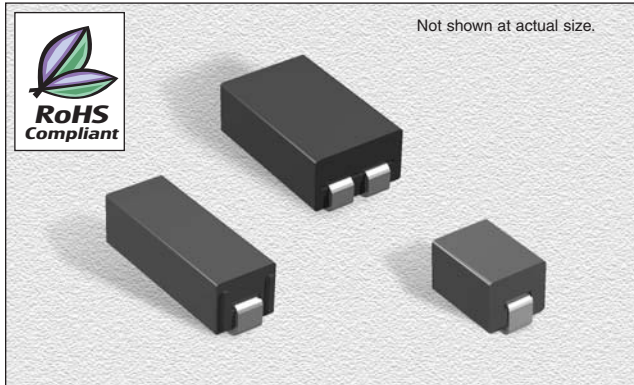


## CT274F Series

### SPECIFICATIONS

| Part Number   | Impedance ( $\Omega$ )<br>Min. at 25 MHz | Impedance ( $\Omega$ )<br>Min. at 100 MHz | DC Resistance<br>(m $\Omega$ ) Max. |
|---------------|--|---|-------------------------------------|
| CT2743019447F | 23                                       | 38  | .60                                 |
| CT2743021447F | 50                                       | 80  | .90                                 |
| CT2744045447F | 30                                       | 60 $\pm$ 20%                              | 1.2                                 |



### CHARACTERISTICS

**Description:** SMD ferrite chip beads

**Applications:** Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics

**Packaging:** Tape & Reel

**Current Rating:** Maximum rating is 5 Amps

**Testing:** Impedance is tested on an HP4286A at 25 MHz and 100 MHz

**Miscellaneous:** RoHS Compliant.

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

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

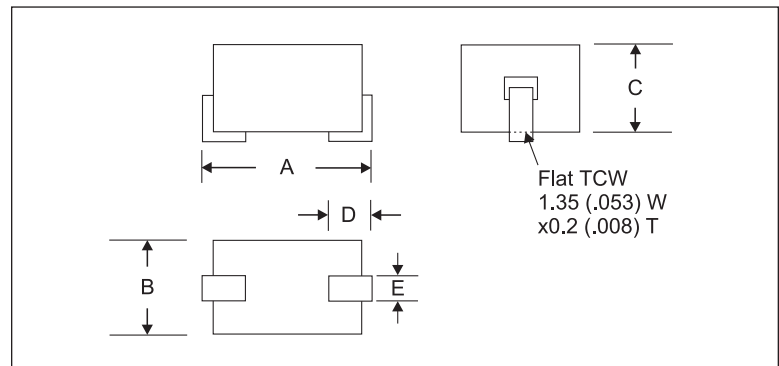
### PHYSICAL DIMENSIONS

#### CT2743019447F

| Size   | A               | B                | C                | D                | E                |
|--------|-----------------|------------------|------------------|------------------|------------------|
| mm     | 5.1 $\pm$ 0.95  | 3.05 $\pm$ 0.2   | 2.85 $\pm$ 0.2   | 1.27 $\pm$ 0.1   | 1.35 $\pm$ 0.65  |
| inches | 0.2 $\pm$ 0.037 | 0.12 $\pm$ 0.004 | 0.11 $\pm$ 0.008 | 0.05 $\pm$ 0.004 | 0.05 $\pm$ 0.026 |

#### CT2743021447F

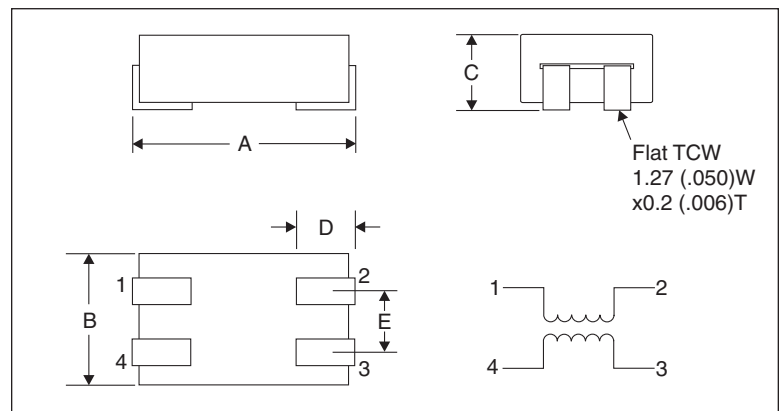
| Size   | A                 | B                | C                | D                | E                |
|--------|-------------------|------------------|------------------|------------------|------------------|
| mm     | 9.6 $\pm$ 0.95    | 3.05 $\pm$ 0.1   | 2.85 $\pm$ 0.2   | 1.27 $\pm$ 0.1   | 1.35 $\pm$ 0.65  |
| inches | 0.378 $\pm$ 0.037 | 0.12 $\pm$ 0.004 | 0.11 $\pm$ 0.008 | 0.05 $\pm$ 0.004 | 0.05 $\pm$ 0.026 |



### PHYSICAL DIMENSIONS

#### CT2744045447F

| Size   | A                | B                | C                | D               | E                |
|--------|------------------|------------------|------------------|-----------------|------------------|
| mm     | 8.9 $\pm$ 0.3    | 5.6 $\pm$ 0.2    | 2.85 $\pm$ 0.2   | 1.35 $\pm$ 0.25 | 2.54 $\pm$ 0.1   |
| inches | 0.35 $\pm$ 0.012 | 0.22 $\pm$ 0.008 | 0.11 $\pm$ 0.008 | 0.05 $\pm$ 0.01 | 0.10 $\pm$ 0.004 |



12.11.06



Manufacturer of Passive & Discrete Semiconductor Components  
**800-684-5322** Inside US **949-453-1811** Outside US

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