

## CTDLW5BF Series

From 190 Ω to 3000 Ω

### SPECIFICATIONS

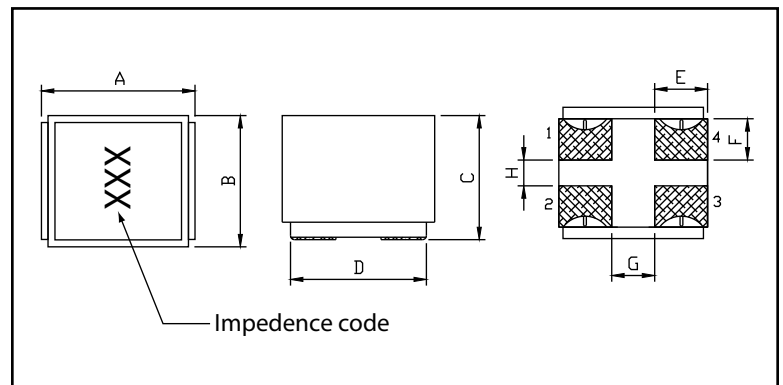
Impedance tolerance +50% / -20%

| Part Number  | Impedance 100 Mhz (Ω) | Rated Current (A) | DCR Max. (Ω) | Rated Voltage (Vdc) | Insulation Resistance (Ω) Min. |
|--------------|-----------------------|-------------------|--------------|---------------------|--------------------------------|
| CTDLW5BF-191 | 190                   | 5.00              | 0.02         | 50                  | 10M                            |
| CTDLW5BF-351 | 350                   | 2.00              | 0.04         | 50                  | 10M                            |
| CTDLW5BF-102 | 1000                  | 1.50              | 0.06         | 50                  | 10M                            |
| CTDLW5BF-152 | 1500                  | 1.00              | 0.10         | 50                  | 10M                            |
| CTDLW5BF-302 | 3000                  | 0.50              | 0.30         | 50                  | 10M                            |



### PHYSICAL DIMENSIONS

| Size   | A          | B          | C Max. | D         | E Ref. | F Ref. | G Ref. | H Ref. |
|--------|------------|------------|--------|-----------|--------|--------|--------|--------|
| mm     | 5.0±0.3    | 4.7±0.3    | 4.5    | 3.6±0.3   | 1.7    | 1.3    | 1.6    | 0.9    |
| inches | 0.197±0.01 | 0.185±0.01 | 0.177  | 0.14±0.01 | 0.06   | 0.05   | 0.06   | 0.03   |



### CHARACTERISTICS

**Description:** SMD Common Mode Choke.

**Applications:** Ideal for DC power lines in AC adapters of portable equipment.

**Operating Temperature:** -40°C to +85°C

**HI-POT:** (1 second between 1-4 Pin): 125VDC

**Testing:** Tested on a HP4285A at 100 MHz

**Packaging:** Tape & Reel.

**Marking:** Parts are marked with impedance code.

**Miscellaneous:** **RoHS Compliant.**

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

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

### EQUIVALENT CIRCUIT

