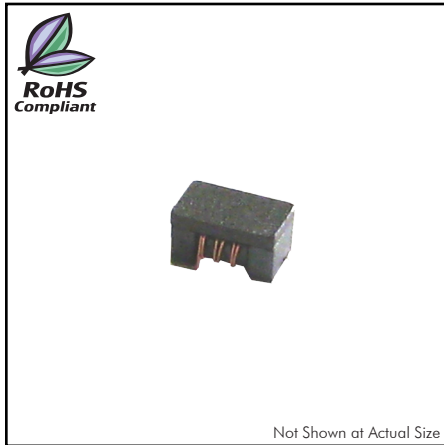


CTDLW21SF Series

From 30Ω to 370Ω

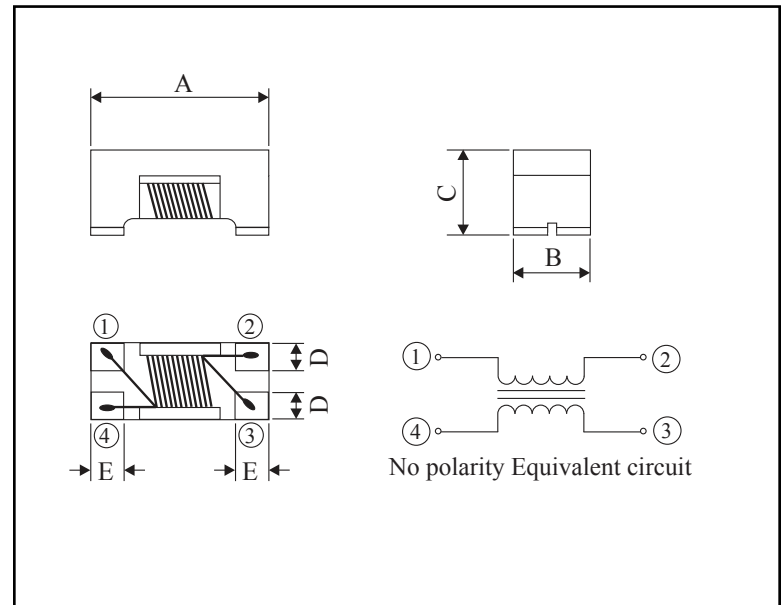


SPECIFICATIONS

| Part Number | Common Mode Imp. @100MHz (Ω) | DCR Max. (Ω) | Rated Current (mA) | Rated Voltage (Vdc) | Withstand Voltage (Vdc) | Insulation Resis. Min. (Ω) |
|------------------|------------------------------|--------------|--------------------|---------------------|-------------------------|----------------------------|
| CTDLW21SF-300T04 | 30±25% | 0.20 | 450 | 50 | 125 | 10M |
| CTDLW21SF-670T04 | 67±25% | 0.25 | 400 | 50 | 125 | 10M |
| CTDLW21SF-900T04 | 90±25% | 0.35 | 330 | 50 | 125 | 10M |
| CTDLW21SF-121T04 | 120±25% | 0.30 | 400 | 50 | 125 | 10M |
| CTDLW21SF-161T03 | 160±25% | 0.35 | 350 | 50 | 125 | 10M |
| CTDLW21SF-181T03 | 180±25% | 0.35 | 330 | 50 | 125 | 10M |
| CTDLW21SF-221T03 | 220±25% | 0.35 | 310 | 50 | 125 | 10M |
| CTDLW21SF-261T03 | 260±25% | 0.40 | 300 | 50 | 125 | 10M |
| CTDLW21SF-301T03 | 300±25% | 0.40 | 290 | 50 | 125 | 10M |
| CTDLW21SF-361T01 | 360±25% | 0.45 | 280 | 50 | 125 | 10M |
| CTDLW21SF-371T01 | 370±25% | 0.45 | 280 | 50 | 125 | 10M |

PHYSICAL DIMENSIONS

| Size | A | B | C | D | E |
|--------|-------------|-------------|-------------|-------|-------|
| mm | 2.05±0.2 | 1.25±0.2 | 1.20±0.2 | 0.50 | 0.4 |
| inches | 0.080±0.008 | 0.049±0.008 | 0.047±0.008 | 0.020 | 0.016 |



CHARACTERISTICS

Description: SMD wire common mode choke coils for signal lines

Applications: Suitable for radiation noise suppression for any electronic devices. Used to counter common mode noise interference within high speed signal lines. Applications like: USB 2.0 Line for personal computers and peripheral devices, IEEE1394 line for personal computers, DVC etc and LVDS, panel link line for crystal display panels

Operating Temperature: -40°C to +105°C (including self-temperature rise)

Storage Temperature: 20°C to 25°C, R.H. 65% (In Tape & Reel Condition)

Testing: Impedance is tested on an HP4287A at 100MHz

Packaging: Tape & Reel

Marking: Reels marked with part number

Additional Information: Additional electrical & physical information available upon request

Miscellaneous: RoHS Compliant

Samples available. See website for ordering information.

PAD LAYOUT

