

Wire Wound Chip Common Mode Choke Coil – ECCW-C Series

Operating Temp. : -40°C~+85°C



FEATURES

- Winding type and low profile
- Prevention of common mode noise at high frequency
- 67Ω~180Ω are optional for different noise level and signal frequency

APPLICATIONS

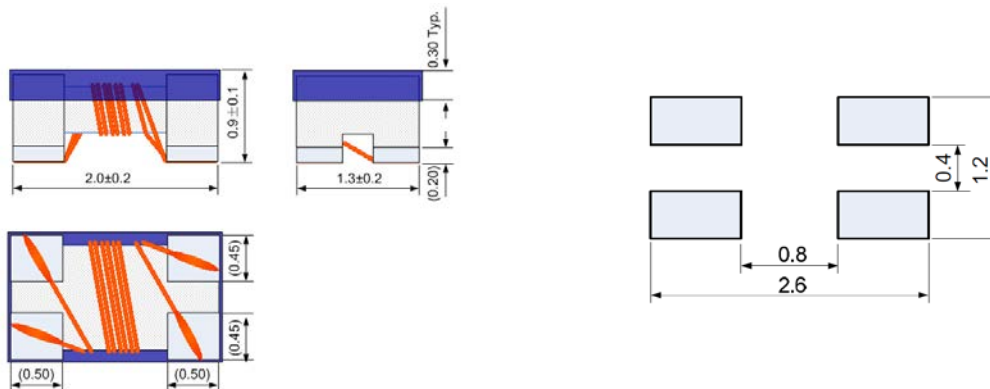
- USB2.0 of PC, peripheral equipments, small digital AV equipments, etc.
- LVDS lines of Note PC, LCD
- Audio lines

PRODUCT IDENTIFICATION

| <u>ECCW</u> ① | <u>2012</u> ② | <u>C</u> ③ | <u>-2</u> ④ | <u>-900</u> ⑤ | <u>T</u> ⑥ | <u>F</u> ⑦ |
|--|---|---------------------------|---------------------------|--|----------------------------------|--|
| ① Type ECCW Winding Type Common Mode Choke Coil | ② External Dimensions (LxW) (mm) 2012 [0805] 2.0x1.3 | ③ Code C Coating | ④ Number of Lines 2 | ⑤ Impedance Example 900 Nominal Value 90Ω | ⑥ Packing T Tape & Reel | ⑦ Hazardous Substance Free Products F |

SHAPE AND DIMENSIONS

ECCW2012C TYPE



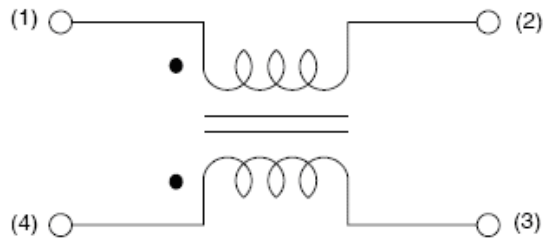
SPECIFICATIONS

ECCW2012-C TYPE

| Part Number | Common Mode Impedance @100MHz | Max. DC Resistance | Max. Rated Current | Rated Voltage | Min. Insulation Resistance |
|-------------------|-------------------------------|--------------------|--------------------|-----------------|----------------------------|
| Units | Ω | Ω | mA | Volts | MΩ |
| Symbol | Z | DCR | I _r | V _{DC} | IR |
| ECCW2012C-2-670TF | 67±25% | 0.35 | 330 | 50 | 10 |
| ECCW2012C-2-900TF | 90±25% | 0.35 | 330 | 50 | 10 |
| ECCW2012C-2-121TF | 120±25% | 0.45 | 280 | 50 | 10 |
| ECCW2012C-2-181TF | 180±25% | 0.50 | 250 | 50 | 10 |

※Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

EQUIVALENT CIRCUIT



TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency

