



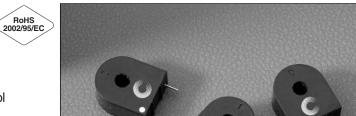
Current Sense Current Sense Inductors

Description

- Encapsulated Through Hole Design
- Isolation between Pri and Sec of 3750 Volts
- Materials meet UL Class B

Applications

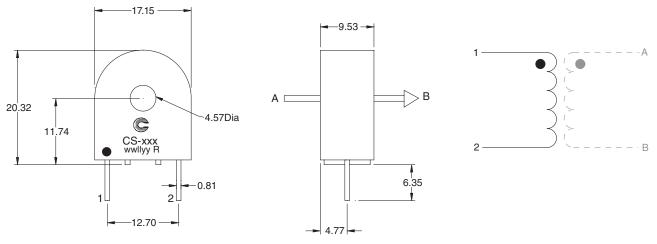
- Feedback elements linking the output and pulse control circuitry
- Switch Mode Power Supplies: PFC, Half-bridge, Full-bridge, Forward
- Off-Line
- Telecom



| Part Number | Inductance (mH) | Turns +/-1% | Current Range AMPS | DCR (Ω) +/-15% @ 20°C | Recommended Terminating Resistor | Frequency Range |
|----------------|--------------------|-------------|-----------------------|--------------------------|--|--------------------|
| CS-1050-R | 5.6 | 50 | 1-10 | 0.60 | 50 ohms | 20k-200kHz |
| CS-1100-R | 22.4 | 100 | 2-20 | 1.3 | 100 ohms | 20k-200kHz |
| CS-1200-R | 89.7 | 200 | 4-40 | 3.3 | 200 ohms | 20k-100kHz |

- 1) Test Parameters: 10kHz, 0.25 Vrms
- 2) Dimensions in Millimeters
- 3) Output Voltage is 1v/A with the terminating resistor and is linear over the
- 4) Hipot is 3750 Volts from winding to test wire A-B
- 5) Materials meet UL Class B
- 6) Polarity Indicator Dot: (This lead is in phase with lead A of conductor A-B)

Mechanical Diagrams



xxx = Inductance value wwllyy = Date code R = Revision level



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