



Features

- Designed for isolation between line card and terminal
- Meets CCITT 1.430 when chip pairs and transformers are used
- Low leakage inductance
- 2.0 kVrms HIPOT PRI/SEC
- 60 dB min. longitudinal balance

- 10 kHz to 300 kHz
- Weight - 4 g
- Operating temperature 0 °C to +70 °C

Applications

- Telecom

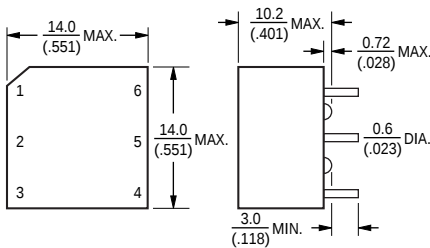
PT231 Series - ISDN S-Interface Isolation Transformers

Electrical Specifications @ 25 °C

Part Number	Turns Ratio (±2 %)	Primary Inductance (mH min.)	Leakage Inductance (μH max.)	Primary Pri/Sec Cw/w (pF max.)	Pri DCR (Ω±15 %)	Sec DCR (Ω±15 %)	Package Schematic
PT23101	1:1	28	5	130	2.4	2.4	A
PT23102	1:1.8	28	10	120	2.4	4.5*	B
PT23103	1:2	28	10	120	2.5	4.8	A
PT23104	1:2.5	28	12	125	2.5	5.5*	B
PT23105	1:2	28	35	120	2.5	4.5	A
PT73455	1:1	28	5	130	2.4	2.4	C

*SPLIT WINDINGS IN SERIES

Product Dimensions

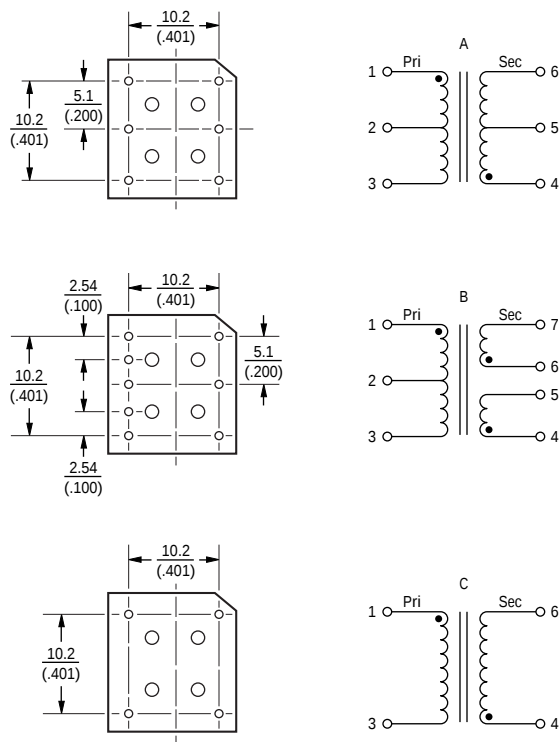


DIMENSIONS ARE: $\frac{\text{MM}}{(\text{INCHES})}$

Packaging Specifications

Tube36 pcs./tube

Electrical Schematic



Asia-Pacific: TEL +886-2 25624117
FAX +886-2 25624116

Europe: TEL +41-41 7685555
FAX +41-41 7685510

N. America: TEL +1-909 781-5500
FAX +1-909 781-5700

www.bourns.com