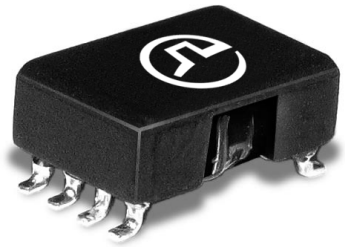
Home Phone Networking Transformer



- *Matched to Coppegate's HPNA3 chipset*
- *Small form factor*
- *For use in Gateways, Set-Top Boxes, and ONTs*
- *Excellent return loss*

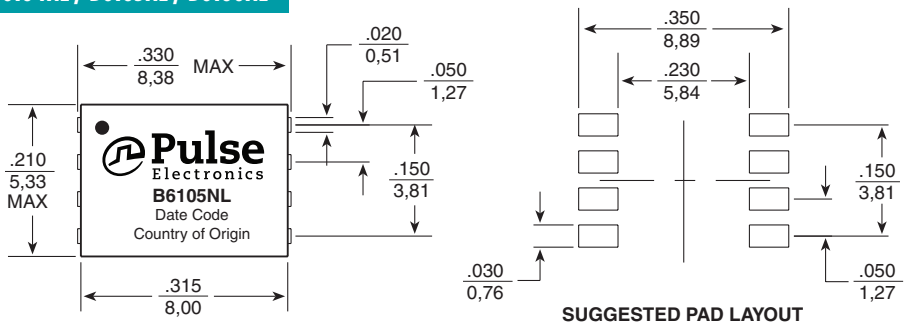
Electrical Specifications @ 25°C - Operating Temperature -40°C to +85°C

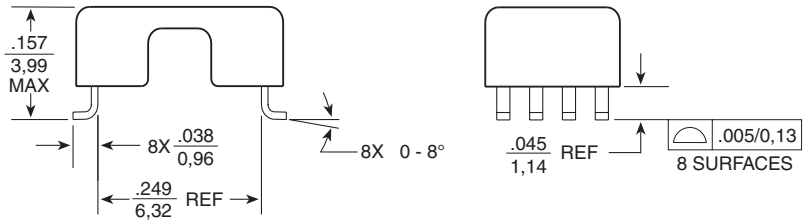
Part Number	Turns Ratio (±2%) (1-4):(5-8)	Inductance (@ 100kHz, 0.1Vrms)	Leakage Inductance (@ 100kHz, 0.1Vrms) (1-4) with (5-8) shorted	DC Resistance (1-4)	DC Resistance (5-8)	Interwinding Capacitance (@ 100kHz, 0.1Vrms)	Isolation Voltage (Vrms)
B6104NL	1:1	100µH MIN	0.5µH MAX	0.50Ω MAX	0.50Ω MAX	20pF MAX	1500
B6105NL	1.33:1	177µH MIN	0.5µH MAX	0.60Ω MAX	0.40Ω MAX	15pF MAX	1500
B6106NL	1.15:1	177µH MIN	0.5µH MAX	0.60Ω MAX	0.40Ω MAX	15pF MAX	1500

Notes: Transformers are shipped in tubes, unless Tape & Reel packaging is specified by adding a "**T**" suffix to the part number (ex: B6104NL**T**).

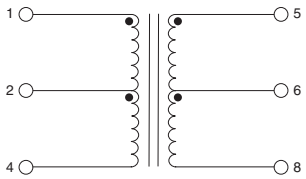
Mechanical

B6104NL / B6105NL / B6106NL





Schematic



Weight .....0.2 grams
Tape & Reel 95/reel
Tube 300/tube
Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0,25

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