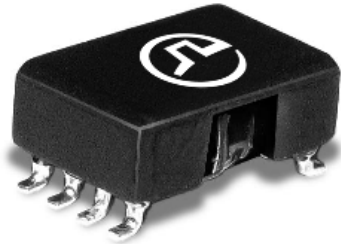


Home Phone Networking Transformer



- 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

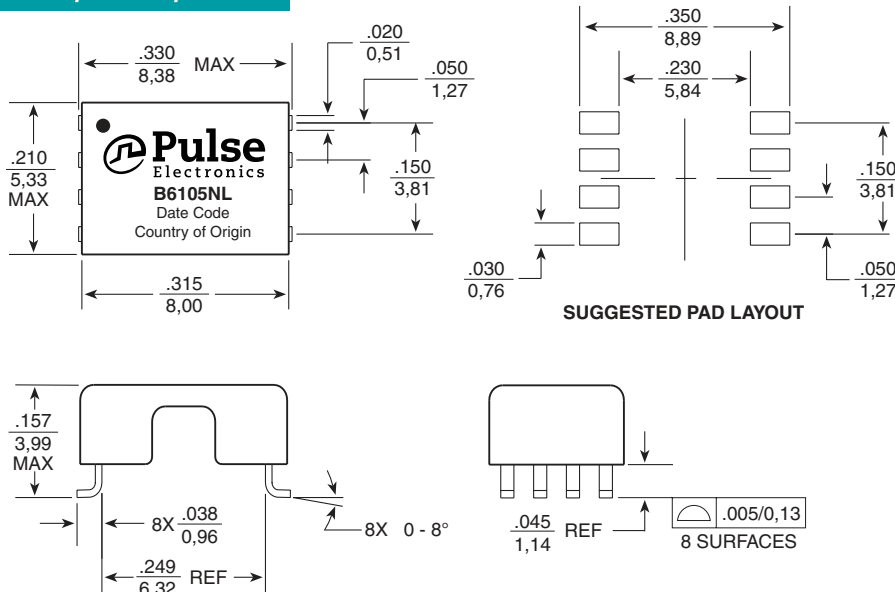
Part Number	Turns Ratio (±2%) (1-4):(5-8)	Inductance (@ 100kHz, 0.1Vrms)	Leakage Inductance (@ 100kHz, 0.1Vrms) (1-4) with (5-8) shorted	DC Resistance (1-4)	DC Resistance (5-8)	Interwinding Capacitance (@ 100kHz, 0.1Vrms)	Isolation Voltage (Vrms)
B6104NL	1:1	100µH MIN	0.5µH MAX	0.50Ω MAX	0.50Ω MAX	20pF 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: B6104NLT).

Mechanical

Schematic

B6104NL / B6105NL / B6106NL



Weight0.2 grams

Tape & Reel95/reel

Tube300/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{.025}$

For More Information

Pulse Worldwide Headquarters
12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Pulse Europe
Einsteinstrasse 1
D-71083 Herrenberg
Germany

Pulse China Headquarters
B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzhen, PR China 518057
Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China
Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia
135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia
3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.
Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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