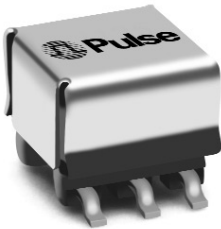


ADSL FREQUENCY FILTER INDUCTORS



- Matched to Globespan G7000 (DMT/CAP) chipset
- Excellent THD performance in a small footprint
- Used exclusively for frequency filtering

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

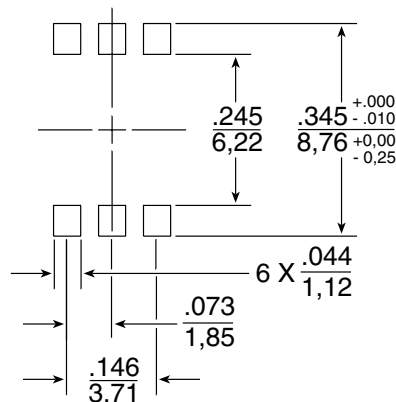
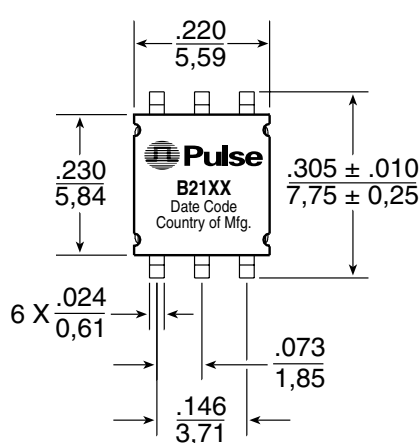
Part Number	Mounting	Application	Turns Ratio (1-6):(2-5) (± 2%)	Inductance (μH)	DC Resistance (Ω MAX)	Isolation Voltage (Vrms)	THD (TYP)
B2125A ¹	SMT	CO	1:1	(1-6) = 50 ± 7%	(1-6) = (2-5) = 2	500	-60 dB @ 75 kHz, 0.7 Vrms
B2126A ¹	SMT	CO	1:1	(1-6) = 170 ± 7%	(1-6) = (2-5) = 6.5	500	-60 dB @ 7 kHz, 1.0 Vrms
B2127A ¹	SMT	CO	1:1	(1-6) = 340 ± 7%	(1-6) = (2-5) = 7.5	500	-60 dB @ 75 kHz, 1.5 Vrms
B2155 ¹	SMT	CO	1:1	(1-6) = 205 ± 7%	(1-6) = (2-5) = 6	500	-60 dB @ 7 kHz, 1.0 Vrms

¹ Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (B2125AT)

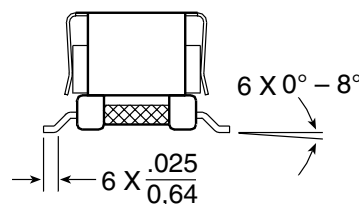
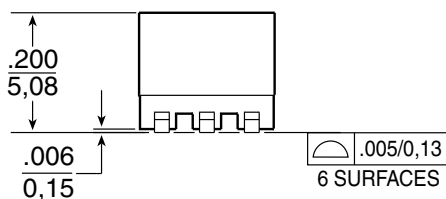
Mechanical

Schematic

B21XX



SUGGESTED PAD LAYOUT



Weight 0.38 grams
Tape & Reel 1000/reel
Tray80/tray
Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified,
all tolerances are ± $\frac{.010}{0.25}$

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PRELIMINARY B968.P (11/00)