

G. Fast Transformer - 106 MHz



- G. Fast Transformer - 106MHz
- Compatible with Skipio's DFE and AFE chipsets.
- EN60950-1 Functional Isolation Compliant - 250Vrms
- RoHS-6 Compliant SMD Product
- Available on Tape and Reel



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

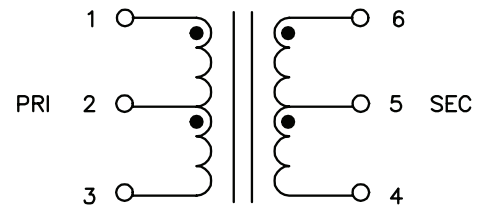
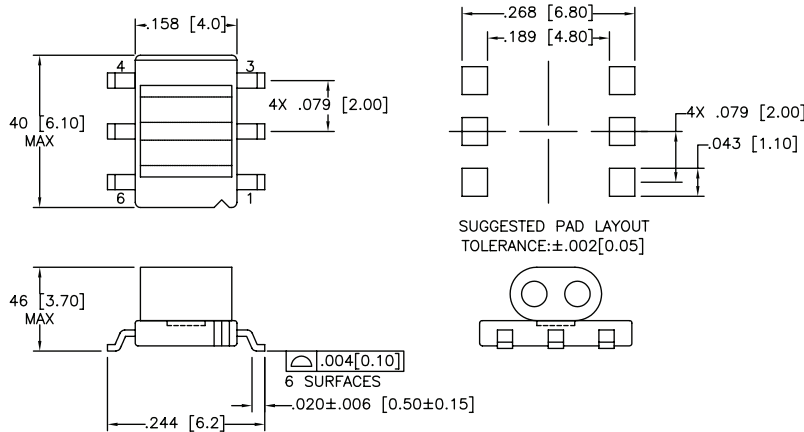
Part Number	OCL (1-3) 100KHz, 10mV (uH Min)	Turns Ratio (1-3):(4-6) 15.75KHz, 100mV +/-2%	Leakage Inductance (1-3) with (4-6) shorted, 100KHz, 10mV (uH Max)	CWW Pri to Sec 100KHz, 100mV (pF Max)	DCR (1-3) (Ω Max)	DCR (4-6) (Ω Max)	IL 1MHz to 106MHz (dB Max)	Isolation Voltage (Pri to Sec) (Vrms, 2 secs)
BX4503NL*	60	1.25 : 1	0.3	10	0.3	0.19	1.0	1500
BX4504NL*	60	1.25 : 1	0.3	10	0.3	0.19	1.0	1500
BX4506NL*	60	1CT : 1CT	0.3	10	0.3	0.19	1.0	1500

* To order on tape and reel, place a "T" after the part number i.e. BX4503NLT, BX4504NLT, or BX4506NLT.

Mechanicals

Schematics

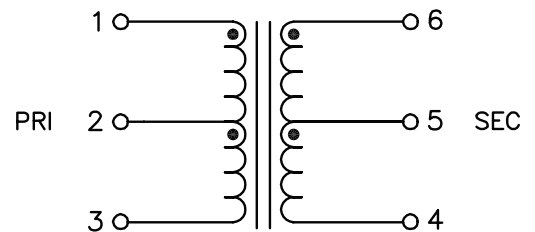
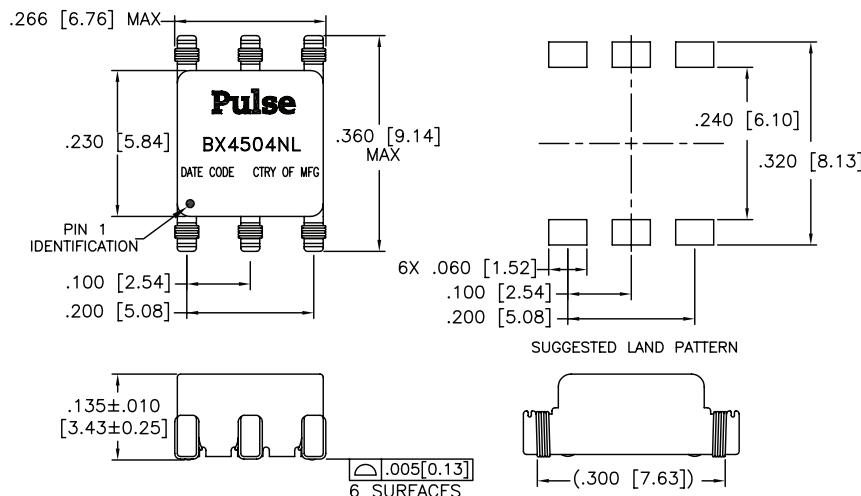
BX4503NL



Dimensions: Inches [mm]. Tolerance: .XX
±.010 [0.25]; .XXX ±0.008 [0.20].

Pan Size: 140pcs/Tray; 850pcs/Tape
& Reel.

BX4504NL



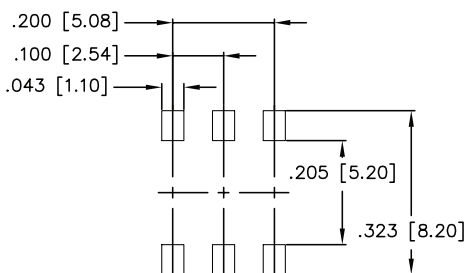
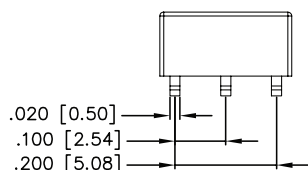
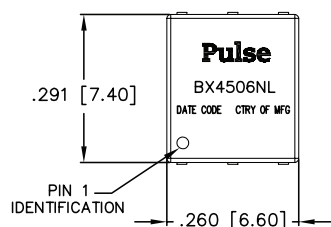
Dimensions: Inches [mm]. Tolerance: .XX
+/- .010 [0.25]; .XXX +/- 0.005 [0.13].

Pan Size: 60pcs/Tray; 800pcs/Tape &
Reel.

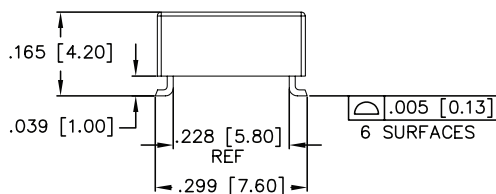
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Mechanicals

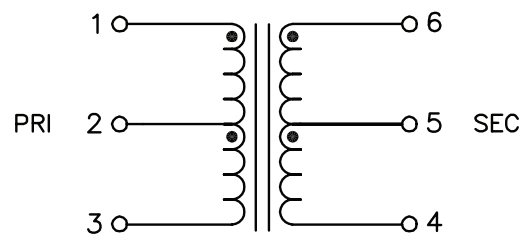
BX4506NL



SUGGESTED PCB LAYOUT



Schematics



Dimensions: Inches [mm]. Tolerance: .XX
+/- .010 [0.25] ; .XXX +/- 0.005 [0.13].

Pan Size: 60pcs/Tray ; 800pcs/Tape & Reel.

Pulse Part Number	Sckipio DFE	Sckipio AFE
BX4503NL	SCK1001	SCK1002
BX4504NL	SCK1001	SCK1002
BX4506NL	SCK3001	SCK1002

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