



- G.Fast Transformer
- Compatible with Broadcoms DSP: BCM652xx and AFE: BCM659xx chipset family and Microsemi's Line Driver Le8728 integrating G.Fast Technology
- EN60950-1 Functional Isolation Compliant - 250Vrms
- RoHS-6 Compliant SMD Product
- Available on Tape & Reel

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

Part Number	OCL Line (1-4) with (2-3) shorted 10kHz, 100mVrms (uH, ±10%)	Turns Ratio (1-4): (8-5) with (2-3, 6-7) shorted 100kHz, 100mVrms ±2%	Leakage Inductance (1-4) with others shorted 100kHz, 100mVrms (uH, Max)	LB 12MHz (dB, Min)	LB 17MHz (dB, Min)	LB 30MHz (dB, Min)	LB 50MHz (dB, Min)	LB 80MHz (dB, Min)	LB 100MHz (dB, Min)	THD 80kHz 3.0Vrms (dB, Min) Line:Chip
BX4500LNL	10	1:1	0.4	-42	-38	-30	-25	-18	-15	-70
	DCR (1-4) with(2-3) shorted (OHMS Max)	DCR (8-5) with(6-7) shorted (OHMS Max)	C _{ww} Line to Chip 100kHz, IV (pF Max)	IL 2MHz - 3MHz (dB Max)	IL 3MHz - 80MHz (dB Max)	IL 80MHz to 100MHz (dBMax)	Isolation Voltage Line to Chip (Vrms, 60Sec)			
BX4500LNL	0.5	0.3	35	-1.5	-1.0	-1.5	1500			

Notes:

Add "T" suffix to part number to order on Tape & Reel i.e. BX4500LNLT

Mechanical

Schematic

BX4500LNL

PAD LAYOUT

FINAL OUTLINE

SCHEMATIC

1 : 1

LINE: 1, 2, 3, 4

CHIP: 5, 6, 7, 8

Weight1.4 grams

Tray100/tray

Tape & Reel.....300/tray

Dimensions: mm

Unless otherwise specified, all tolerances are ± 0.1

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For More Information

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