



- 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			

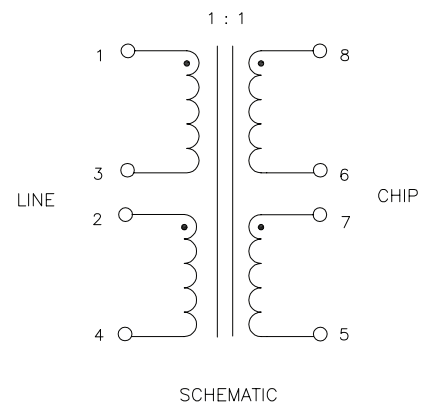
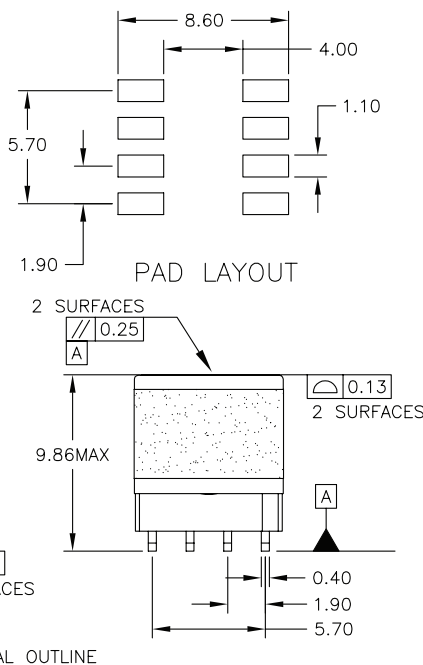
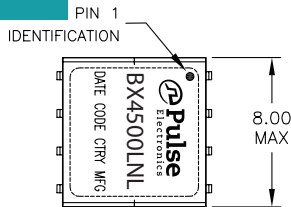
Notes:

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

Mechanical

Schematic

BX4500LNL



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

Pulse Worldwide Headquarters

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

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 78060
Fax: 49 7032 7806 135

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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