

VDSL LINE TRANSFORMERS

For Use with Ikanos Chipset



-  Matched to Ikanos SmartLeap chipset
-  Both versions designed to meet IEC950 operational or supplementary insulation requirements for working voltages up to 250Vrms
-  Compact industry standard surface mount footprint
-  Extended temperature range

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

Part Number	Turns Ratio (Line:Chip)	OCL Line (μH ±7%)	Leakage Inductance (μH MAX)	Insertion Loss @80kHz to 12.5 MHz (dB MAX)	THD @ 80kHz, 4Vp-p (dB MIN)	Hi-Pot (Vrms)
BX4052W	3:1	220	1.0	1.30	-80	1500
BX4082W						
BX4090WA	3.5:1	200	1.0	1.30	-80	1500
BX4091WA						

NOTES: BX4052W and BX4091WA is the supplementary insulation version as per IEC950 for working voltage up to 250Vrms.

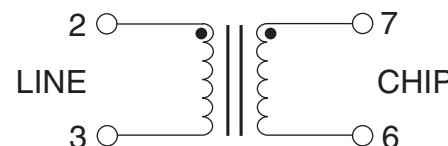
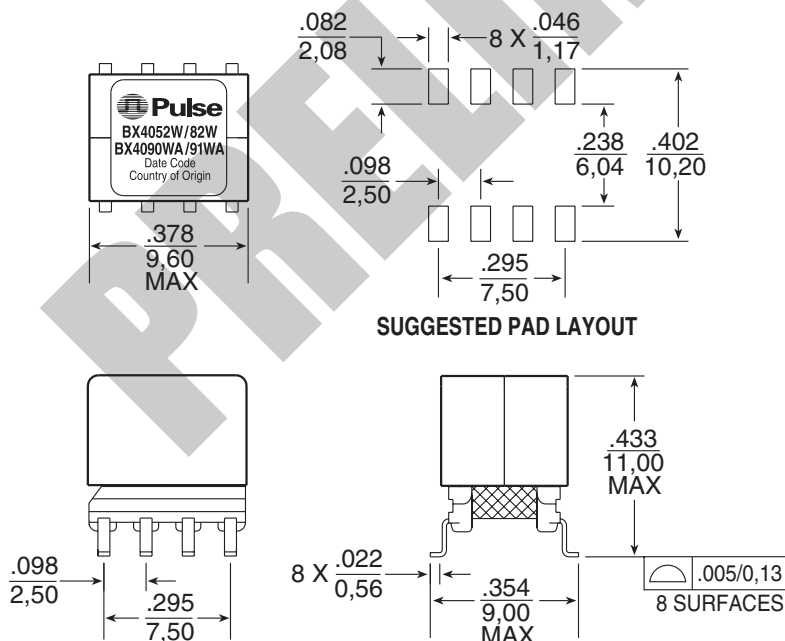
BX4082W and BX4090WA is the operational insulation version as per IEC950 for working voltage up to 250Vrms.

Optional Tape & Reel packaging can be ordered for either part by adding a "T" suffix to the part number (ex: BX4052WT).

Mechanical

Schematic

BX4052W/82W & BX4090WA/91WA



Weight 1.8 grams
Tape & Reel 300/reel
Tray 95/tray

Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are ± .010
0,25

For More Information :

UNITED STATES (Worldwide)

12220 World Trade Drive
San Diego, CA 92128
U.S.A.
<http://www.pulseeng.com>
TEL: 858 674 8100
FAX: 858 674 8262

UNITED KINGDOM (Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

FRANCE (Southern Europe)

Zone Industrielle
F-39270
Orgelet
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

SINGAPORE (Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 6287 8998
FAX: 65 6280 0080

TAIWAN, R.O.C. (Northern Asia)

3F-4, No. 81, Sec. 1
HsinTai Wu Road
Hsi-Chih, Taipei Hsien
Taiwan, R.O.C.
Tel: 886 2 2698 0228
FAX: 886 2 2698 0948

HONG KONG (China/Hong Kong)

9/F, Phase 2, Tai Sang
Shatin Warehouse Centre
6 Wong Chuk Yeung Street
Fotan, Shatin, Hong Kong
TEL: 852 2788 6588
FAX: 852 2776 1055

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