

ADSL LINE TRANSFORMER

For Broadcom Bladerunner CO Chipset



- Approved by Broadcom for use with Bladerunner Central Office BCM6410 and BCM6420 chipsets
- ADSL/POTS and ADSL/ISDN options available for Broadcom approved Line Drivers
- Compact footprint for high density Central Office board layouts

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

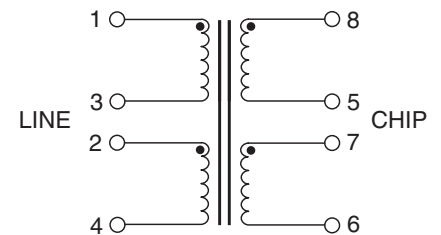
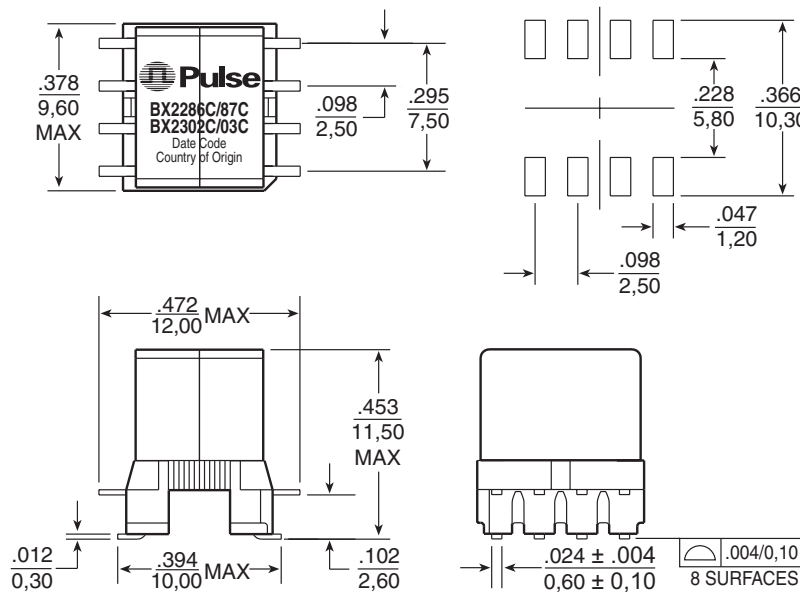
Part Number ¹	Turns Ratio Ratio (Line:Chip)	OCL Primary ($\mu\text{H} \pm 5\%$)	Isolation Voltage (Vrms)	THD @ 30kHz, 4V pk-pk (dB MAX)
BX2286C	2:1	410	1500	-80
BX2287C	2:1	100	1500	-78
BX2302C	1.41:1	410	1500	-80
BX2303C	1.41:1	100	1500	-80
BX2302WA	1.41:1	410	1500	-80

¹Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (BX2286CT)

Mechanical

Schematic

BX2286C/87C & BX2302/03C



Weight 2.7 grams
Tape & Reel400/reel
Tray80/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.004}{0.10}$

ADSL LINE TRANSFORMER

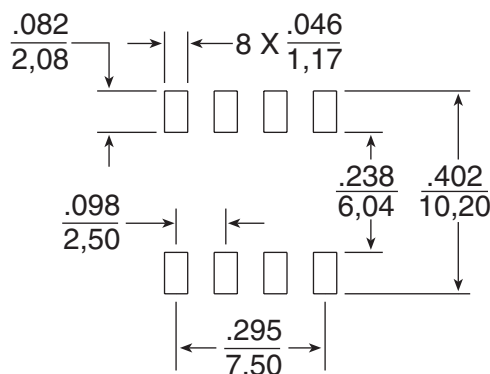
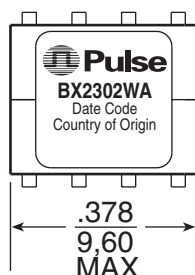
For Broadcom Bladerunner CO Chipset



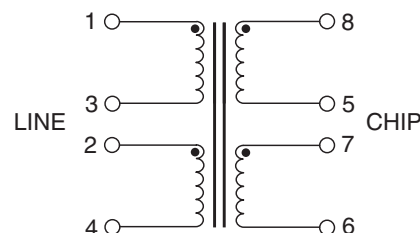
Mechanical

Schematic

BX2302WA



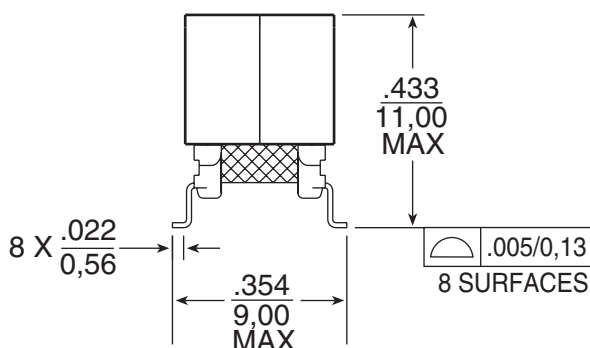
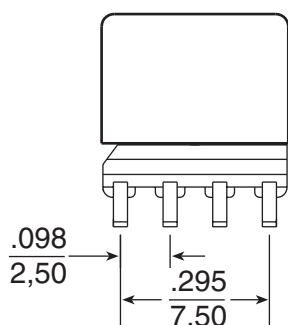
SUGGESTED PAD LAYOUT



Weight1.8 grams
Tape & Reel300/reel
Tray95/tray

Dimensions: Inches
mm

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$



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

DISTRIBUTOR

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.