

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

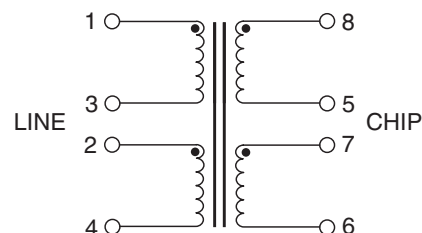
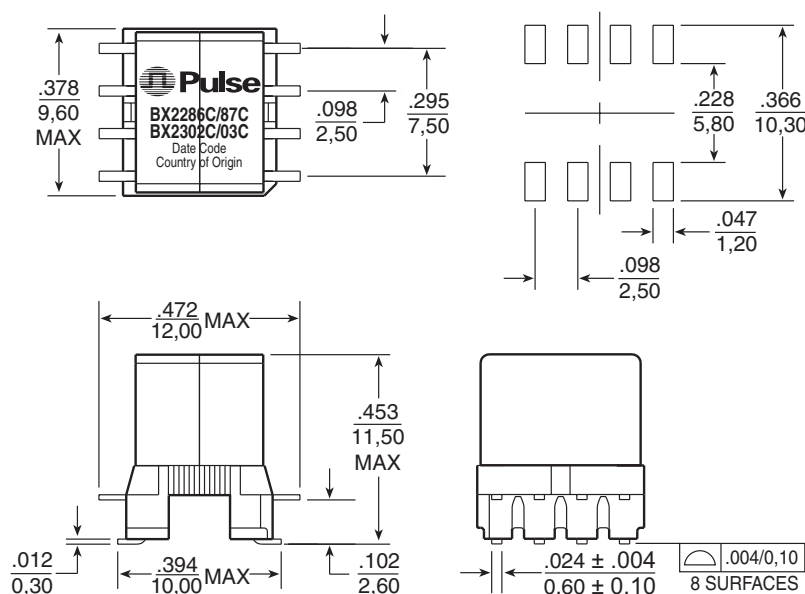
Part Number ¹	Turns Ratio Ratio (Line:Chip)	OCL Primary ($\mu\text{H} \pm 5\%$)	Isolation Voltage (Vrms)	THD @ 30kHz, 4V pk-pk (dB MAX)
BX2286C	2:1	410	1500	-80
BX2287C	2:1	100	1500	-78
BX2302C	1.41:1	410	1500	-80
BX2303C	1.41:1	100	1500	-80
BX2302WA	1.41:1	410	1500	-80

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 $\pm \frac{.004}{0.10}$

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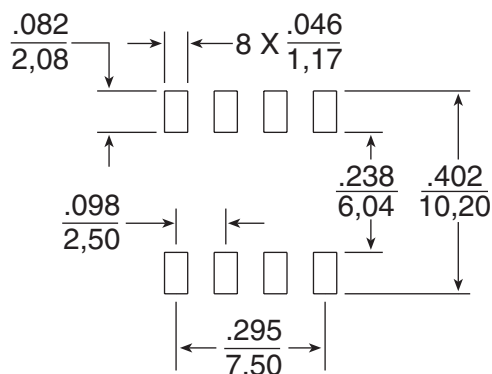
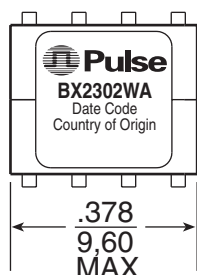
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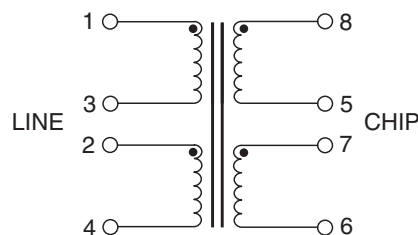
Mechanical

Schematic

BX2302WA

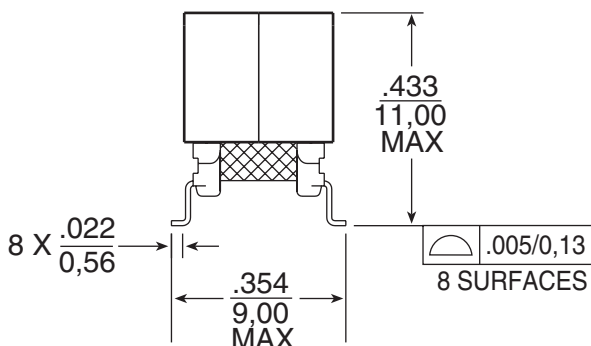
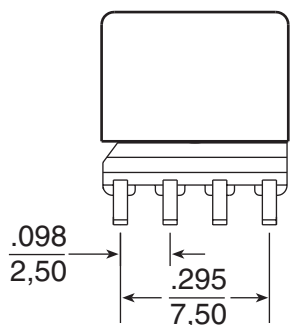


SUGGESTED PAD LAYOUT



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

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$



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