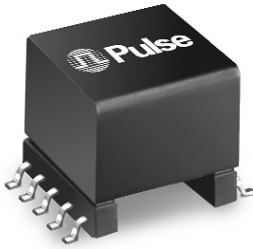







# VDSL TRANSFORMERS

## For Use With Metalink Chipsets



-  Matched to Metalink's VDSL solution
-  B4033 for ANSI applications
-  B4034 for ETSI applications
-  Excellent return loss
-  Extended temperature range

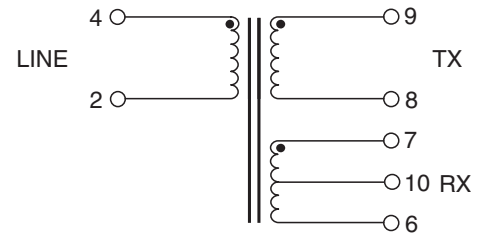
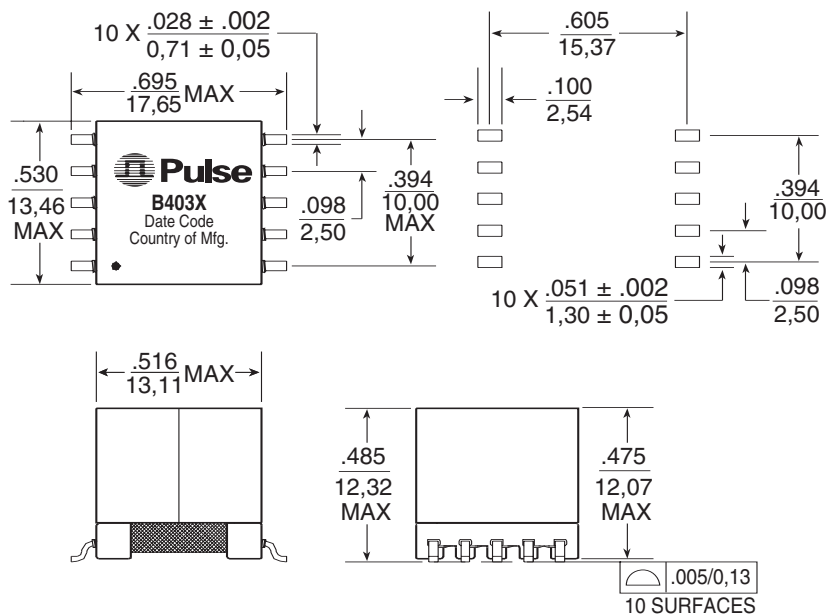
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	Turns Ratio		OCL Line @ 25°C (mH MIN)	DCR Line (Ω MAX)	Insertion Loss (dB MAX) 120 kHz–12 MHz	Return Loss (dB MIN)		Isolation Voltage (Vrms)
	TX: Line	RX: Line				120 kHz–12 MHz	12 MHz–30 MHz	
B4033	1 : 3.0	2 : 3.0	1.00	1.14	0.4	12.0	6.0	1500
B4034	1 : 3.5	2 : 3.5	1.60	1.35	0.4	12.0	6.0	1500

NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. B4033T).

### Mechanical

### Schematics



Weight . . . . . 6.2 grams  
 Tape & Reel . . . . . 150/reel  
 Tray . . . . . 60/tray

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

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