

VDSL TRANSFORMERS

For Use With Metalink Chipsets



- ☐ Matched to Metalink's VDSL solution
- ☐ B4033 and B4064 for ANSI applications
- ☐ B4034 for ETSI applications
- ☐ Excellent return loss
- ☐ Extended temperature range

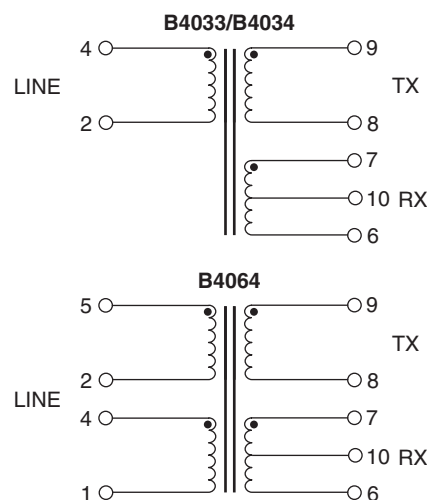
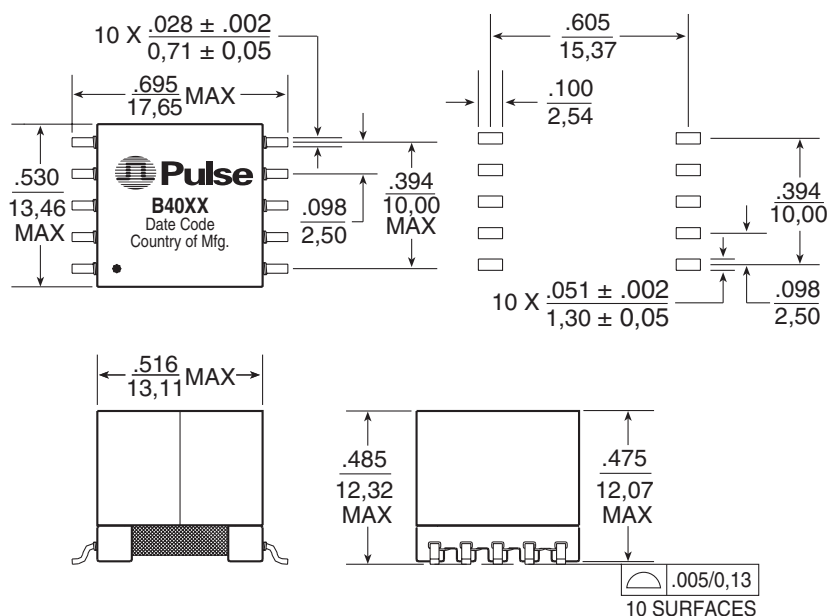
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

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
B4064	1 : 3.6	2 : 3.6	1.13	1.00	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
Tray60/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0,25}$

For More Information :

UNITED STATES (Worldwide)	UNITED KINGDOM (Northern Europe)	FRANCE (Southern Europe)	SINGAPORE (Southern Asia)	TAIWAN, R.O.C. (Northern Asia)	HONG KONG (China/Hong Kong)	DISTRIBUTOR
12220 World Trade Drive San Diego, CA 92128 U.S.A. http://www.pulseeng.com TEL: 858 674 8100 FAX: 858 674 8262	1 & 2 Huxley Road The Surrey Research Park Guildford, Surrey GU2 5RE United Kingdom TEL: 44 1483 401700 FAX: 44 1483 401701	Zone Industrielle F-39270 Orgelet France TEL: 33 3 84 35 04 04 FAX: 33 3 84 25 46 41	150 Kampong Ampat #07-01/02 KA Centre Singapore 368324 TEL: 65 287 8998 FAX: 65 280 0080	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	19/F, China United Plaza 1008 Tai Nan West Street Cheung Sha Wan, Kowloon Hong Kong, China TEL: 852 2788 6588 FAX: 852 2776 1055	

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.