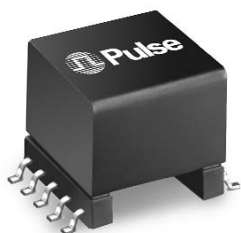


HDSL TRANSFORMER

For Level One Chipsets



-  Matched to Level One's ICs SK70704/06 and SK70721/25
-  Excellent THD performance
-  Maximum height .485" (12,32 mm)
-  Approved to UL 1950 supplementary insulation requirements for working voltages up to 250 Vrms

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

Part Number	Matched To Level One IC Numbers	Application (Kbps)	Turns Ratio Chip-Line ($\pm 2\%$)	Inductance Line Side (10-7)(w/6-9 shorted)	Leakage Inductance (10-7)(w/6-9, 1-4, 2-5 shorted)	Isolation Voltage (Vrms MIN)
B1013	SK70704/06 & SK70721/25	784	1CTS:1.8CTS	3.00 mH $\pm 10\%$	30 μ H MAX	2000

Additional Information

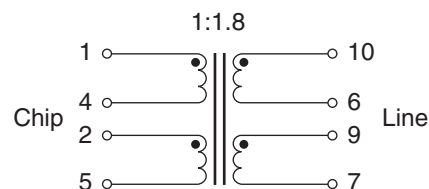
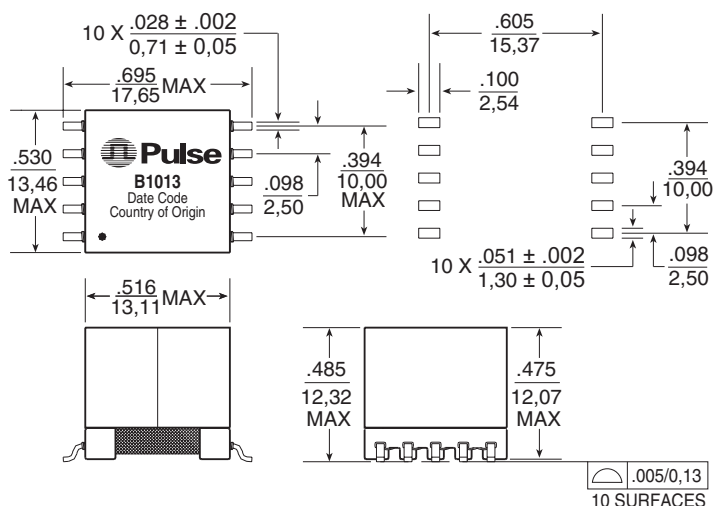
Part Number	DCR Line Side (10-6)=(9-7)	DCR Chip Side (1-5)(w/2-4 shorted)	Return Loss (40 -200 kHz)	Longitudinal Balance (dB MIN @ 135 Ω)	THD (db TYP @ 135 Ω)
B1013	1.5 Ω (MAX)	2.3 Ω (MAX)	16.5 dB MIN	50 @ 5-196 kHz	-75 (5 kHz, 6 V p-p)

NOTE: Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (ex: B1013T)

Mechanicals

Schematic

B1013



Weight62 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 6287 8998 FAX: 65 6280 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	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	

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

B1013 B1013T