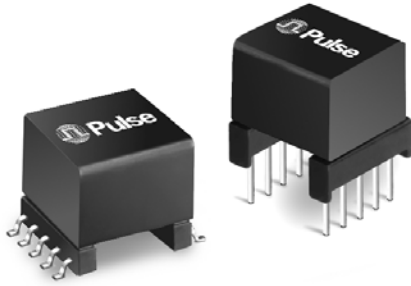


SHDSL LINE TRANSFORMERS



- Approved for use with Infineon's PEB22622, PEF22623 and PEF24622 SHDSL chipsets
- Excellent THD performance
- Designed to meet UL 1950 and EN 60950 requirements for supplementary insulation and 250 V working voltage

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

Part Number	Mounting	Turns Ratio (line - chip)	OCL Primary (mH $\pm 10\%$)	Leakage Inductance (μ H MAX)	DC Current Capability (mA)
B1063 ¹	SMT	3.2:1	3.0	25	60
B1093	THT				

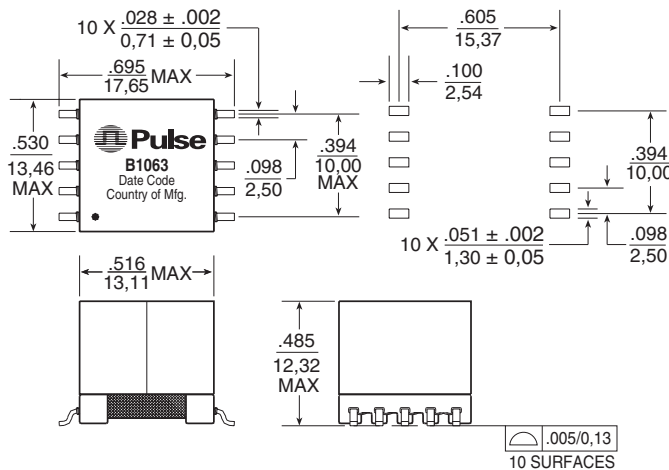
Additional Specifications

Part Number	Turns Ratio (line - sense)	THD (Linearity)	DC Resistance		DCR Sense Winding (10-6)	Isolation Voltage (Vrms)
			Primary (1-5, 2-4 short)	Secondary (9-7)		
B1063 ¹	3.2:1	-75 dB MIN @ 3 KHz	4.0 Ω MAX	0.8 Ω MAX	5.0 Ω MAX	2000
B1093						

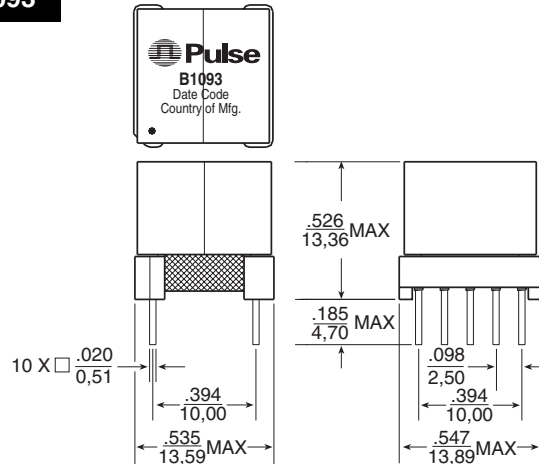
¹Transformers are shipped in tubes unless tape and reel is specified. Please add the suffix "T" (i.e. B1063T) for tape and reel orders.

Mechanicals

B1063

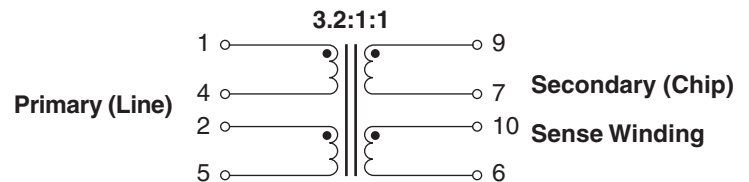


B1093



	B1063	B1093
Weight	6.2 grams	6.2 grams
Tape & Reel	150/reel	N/A
Tray/Tube	60/tray	60/tube
Dimensions: $\frac{\text{Inches}}{\text{mm}}$		
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$		

Schematic



For More Information :

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PRELIMINARY B993.P (12/01)