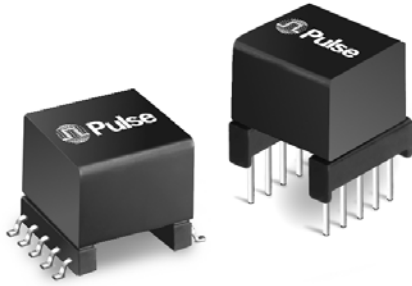





# SHDSL LINE TRANSFORMERS



-  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

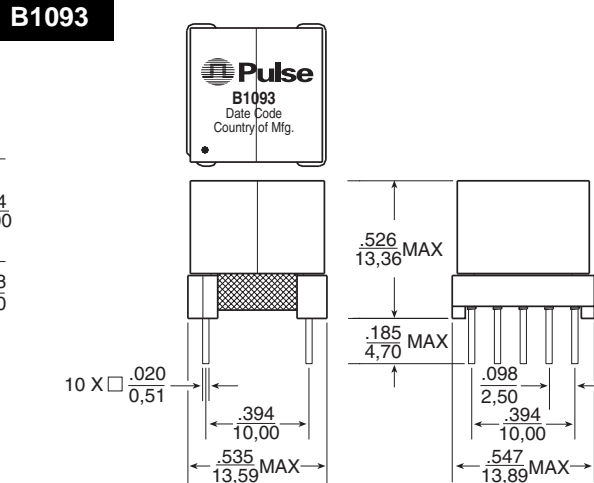
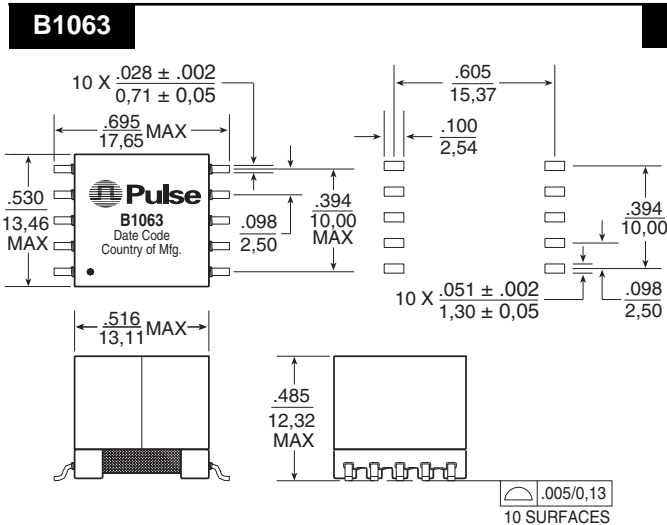
Part Number	Mounting	Turns Ratio (line - chip)	OCL Primary (mH ±10%)	Leakage Inductance (µH MAX)	DC Current Capability (mA)
B1063 <sup>1</sup>	SMT	3.2:1	3.0	25	60
B1093	THT				

## 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 <sup>1</sup>	3.2:1	-75 dB MIN @ 3 KHz	4.0 Ω MAX	0.8 Ω MAX	5.0 Ω MAX	2000
B1093						

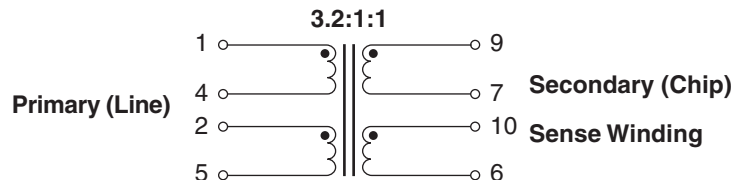
<sup>1</sup>Transformers are shipped in tubes unless tape and reel is specified. Please add the suffix "T" (i.e. B1063T) for tape and reel orders.

## Mechanicals



	B1063	B1093
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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**B993.A (12/03)**