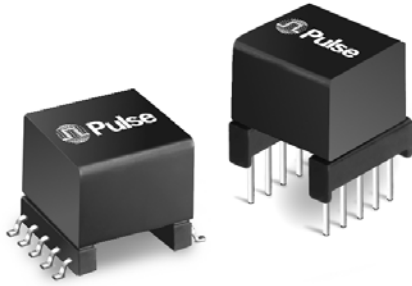


SHDSL LINE TRANSFORMERS



- 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

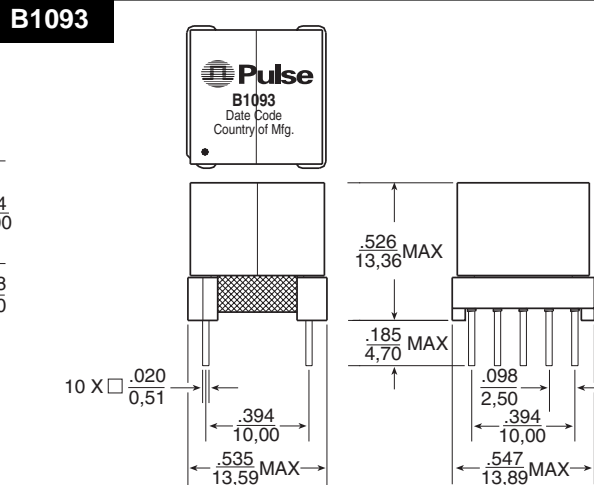
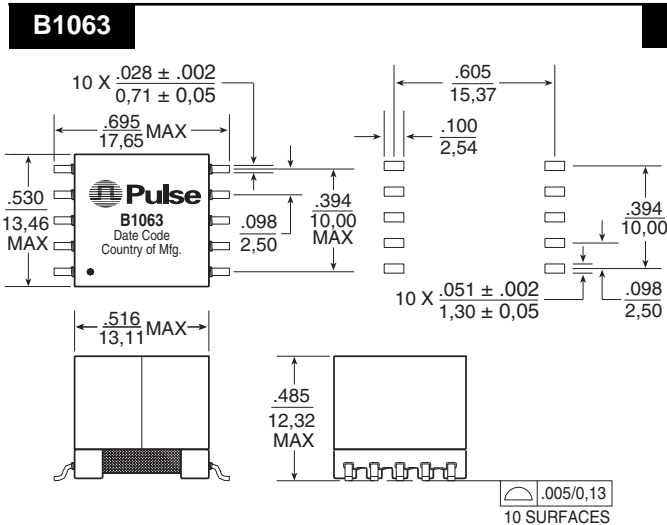
| Part Number | Mounting | Turns Ratio (line - chip) | OCL Primary (mH ±10%) | Leakage Inductance (µH MAX) | DC Current Capability (mA) |
|--------------------|----------|---------------------------|-----------------------|-----------------------------|----------------------------|
| B1063 ¹ | SMT | 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 | | | | | | |

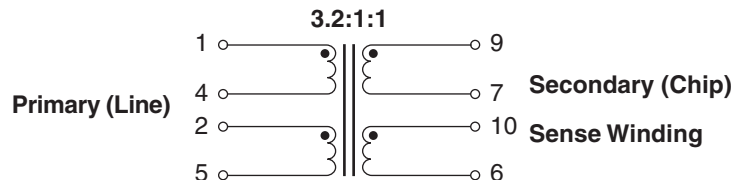
¹Transformers are shipped in tubes unless tape and reel is specified. Please add the suffix "T" (i.e. B1063T) for tape and reel orders.

Mechanicals



| | B1063 | B1093 |
|--|-----------|-----------|
| 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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