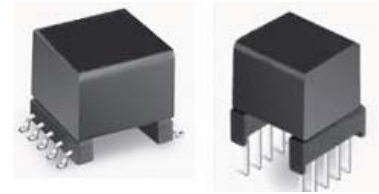


ADSL Line LPAnformers

Link-PP Int'l Technology

- ✳ For use with Alcatel's DynaMiTe MTK-20140 ADSL chipset
- ✳ Excellent THD performance
- ✳ Small footprint
- ✳ For RoHS part add suffix NL
- ✳ RoHS NL peak solder rating 235°C



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

Part Number	Application	Mounting	Turns Ratio (±2%) (1-4): (10-7)	OCL @10kHz,0.1V (1-4) with (2-3) shorted	Leakage Inductance @300kHz ,0.1 V (MAX) (1-4)with 2-3 7-10 and 8-9 shorted	Longitudinal Balance (from 30 KHz to 1.1 MHz)
LPA2068	CO	THT	2:1(Line to Chip)	410 μH (±10%)	6.5 μH MAX	-40 dB MIN
LPA2064	CPE	SMT	1:1(Line to Chip)	480 μH (±10%)	10.0 μH MAX	-40 dB MIN

Additional Specifications

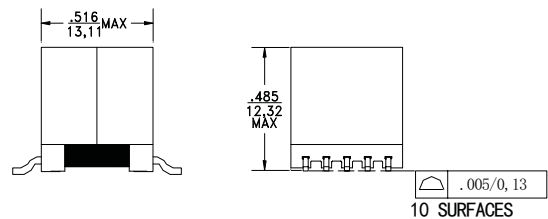
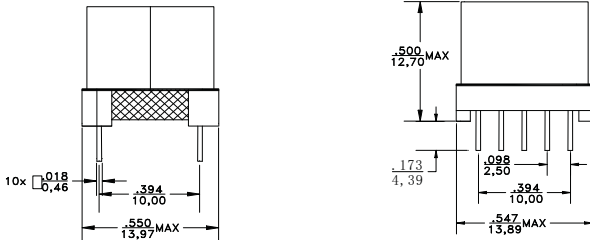
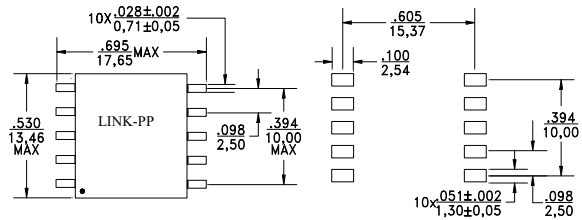
Part Number	THD (Linearity-Typical)	DC Resistance (1-4)(w/2-3 shorted)	Isolation Voltage (Vrms)	Insertion Loss ¹ (dB @ 100KHz)
LPA2068	-72dB MIN @ 20KHz	0.6 Ω MAX	1500	<1.0dB
LPA2064	-72dB MIN @20KHz	1.0 Ω MAX	1500	<1.0dB

Frequency Response: ±0.5dB MAX, from 100 KHz to 1.1 MHz; -1.5dB MAX, from 30 KHz to 100 KHz.

Mechanicals

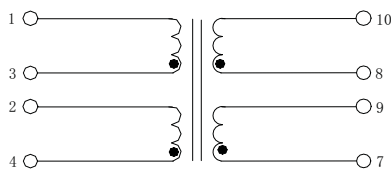
LPA2068

LPA2064



Schematic

LPA20XX



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