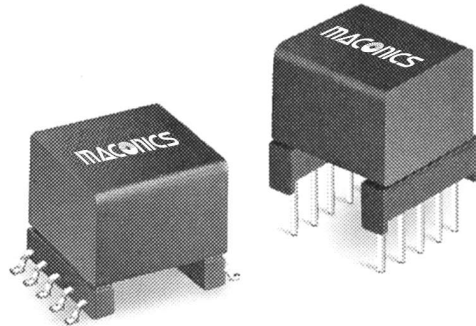




Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

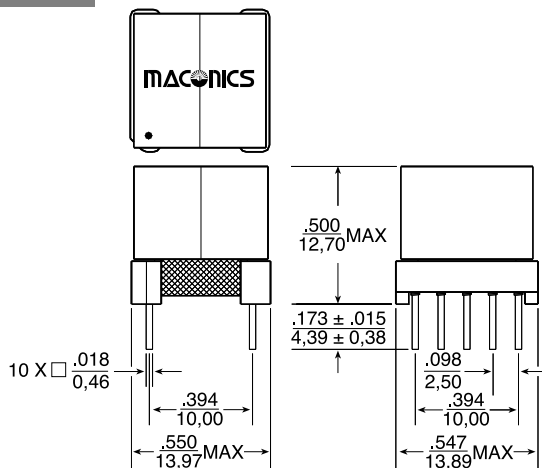
Part Number	Application	Mounting	Turns Ratio ($\pm 2\%$) (1-4):(10-7)	OCL @ 10 KHz, 0.1 V (10-7) with (8-9) shorted	Leakage Inductance @ 300 KHz, 0.1 V (1-4) with (2-3), (7-10) and (8-9) shorted	Longitudinal Balance (from 30 KHz to 1.1 MHz)
BD3179	CO	THT	2:1 (Line to Chip)	410 μ H ($\pm 10\%$)	6.5 μ H MAX	-40 dB MIN
BD3175	CPE	SMT	1:1 (Line to Chip)	480 μ H ($\pm 10\%$)	10.0 μ H MAX	-40 dB MIN

Additional Specifications

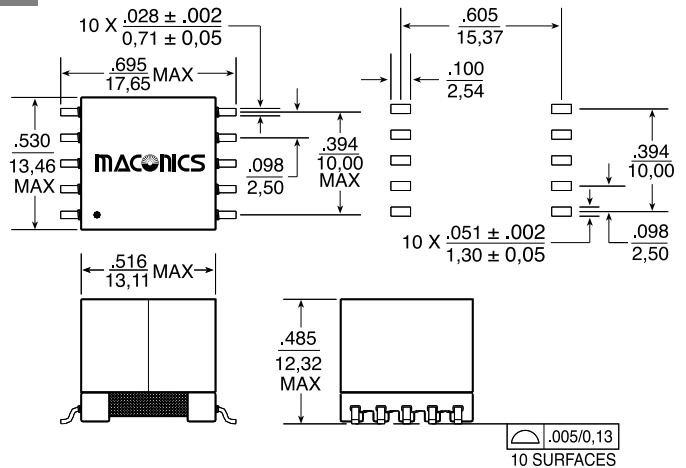
Part Number	THD (Linearity - Typical)	DC Resistance (1-4)(Ω /2-3 shorted)	Isolation Voltage (Vrms)	Insertion Loss ¹ (@ 100 KHz and 1.1 MHz)
BD3179	-72 dB MIN @ 20 KHz	0.6 Ω MAX	1500	<1.0 dB
BD3175	-72 dB MIN @ 10 KHz	1.0 Ω MAX	1500	<1.0 dB

Mechanical

BD3179



BD3175



Schematic

