

Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

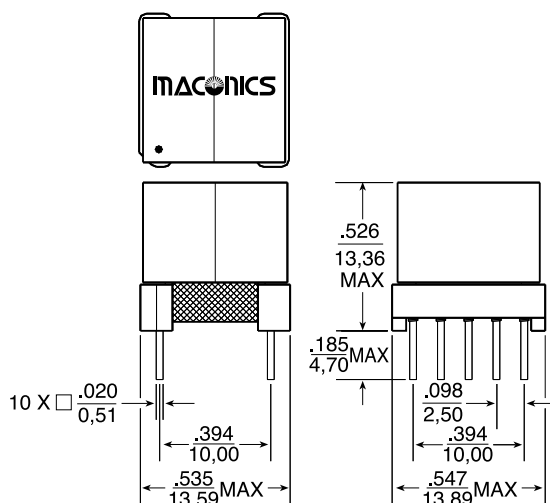
Part Number	Mounting	Turns Ratio (± 2%)	OCL @ 10 KHz, 0.1 V (mH ± 10%)		Leakage Inductance @ 100 KHz, 0.1 V (MAX) (1-4) with 2-3, 8-9, 10-7 shorted	Longitudinal Balance (25 KHz - 1.1 MHz)
			(1-4) with 2-3 shorted	(10-7) with 8-9 shorted		
BD3142	THT	1:1	5.0	5.0	18.0 μ H	40 dB MIN
BD3143	SMT	1:1	5.0	5.0	18.0 μ H	40 dB MIN

Additional Specifications

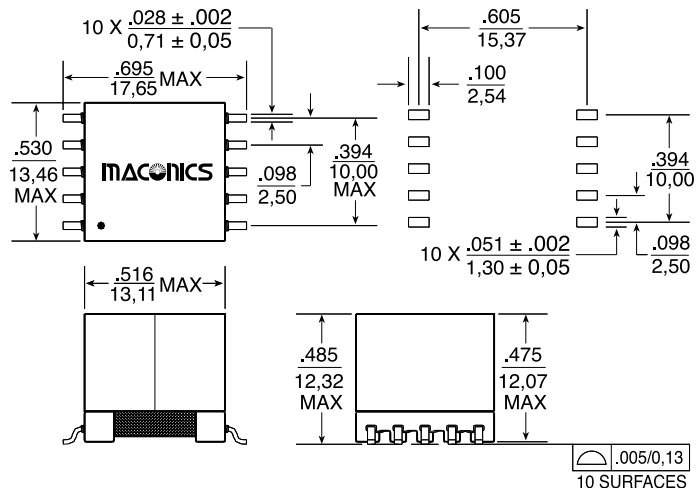
Part Number	THD (Linearity)	Load Resistance (W)	DC Resistance (1-4), (10-7)	Isolation Voltage (Vrms)	Insertion Loss (dB @ 100 KHz)
BD3142	-80 dB @ 30 KHz	100	3 Ω MAX	1500	<0.5
BD3143	-60 dB @ 300 KHz	100	3 Ω MAX	1500	<0.5

Mechanical

BD3142



BD3143



Schematic

