

Ordering Code: EL1G-245009-OI

Giga BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- IEEE 802.3ab complying performance for Giga Base-T.
- RoHS compliant and Halogen Free
- Operating temperature range: -40°C to +85°C.
- Storage temperature range:-45°C to +85°C.

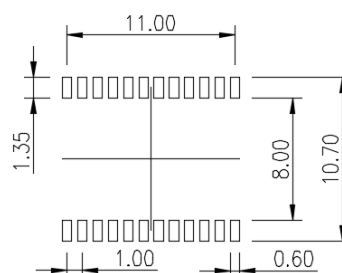
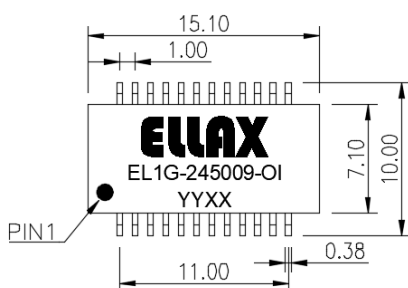
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V With 8mA DC BIAS	Insertion Loss (dB Max)	CMRR (dB Min)	HI-POT (Vrms) 1mA
			1MHz-100MHz	1MHz-100MHz	
EL1G-245009-OI	1CT:1CT	350	-1.0	-30	1500

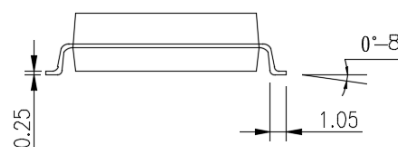
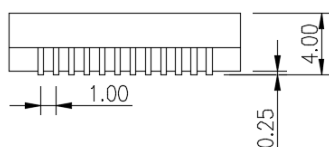
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Part Number	Return Loss (dB Min)				Cross Talk (dB Min)	DC Resistance (ohms Max)
	1-30MHz	30-50MHz	60-80MHz	100MHz	1-100MHz	
EL1G-245009-OI	-18	-16	-12	-10	-30	1.2 ohms Max.

Mechanicals:



SUGGESTED PAD LAYOUT



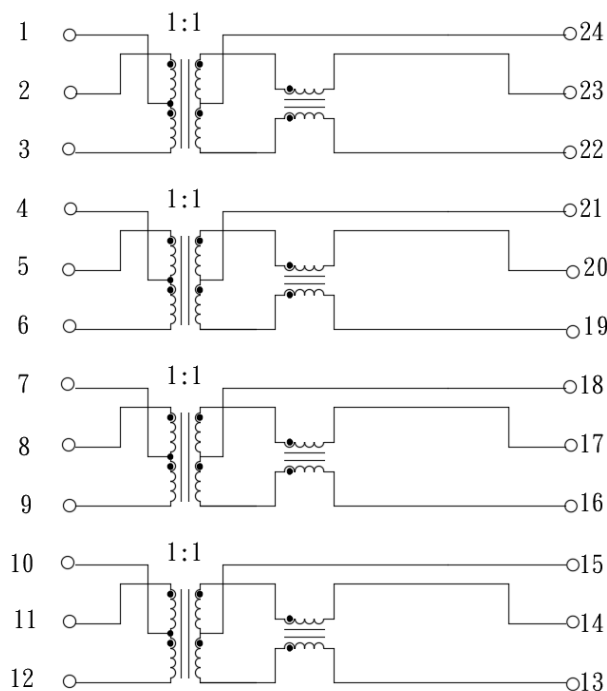
Units:mm Tolerances .XX:±0.25mm

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Schematics:



Package:

-800pcs / reel

-1,600 pcs / inner box

-8,000pcs / carton

