

Ordering Code: EL5G-245011-AI

5G BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3bz standard.
- IEEE 802.3at complying performance, 600mA current capability.
- RoHS compliant
- Operating temperature range: -40°C to +85°C.
- Storage temperature range:-45°C to +85°C.

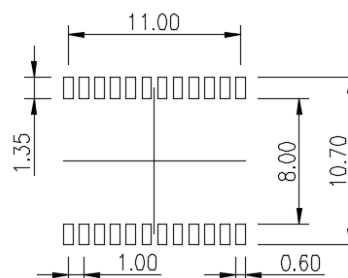
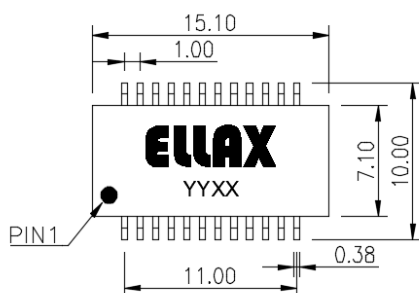
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V	Insertion Loss (dB Max)	CMRR (dB Min)	HI-POT (Vrms)
			1MHz-250MHz	1MHz-250MHz	1mA
EL5G-245011-AI	1CT:1CT	150	-1.0	-20	1500

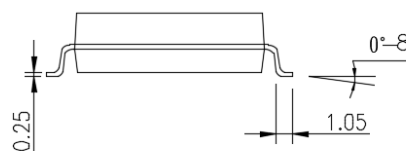
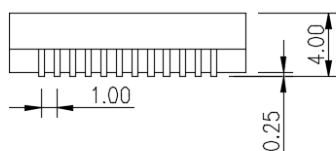
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Part Number	Return Loss (dB Min)		Cross Talk (dB Min)		DC Resistance (ohms Max)
	1-40MHz	40-250MHz	1-100MHz	100-250MHz	1.0 ohms Max.
EL5G-245011-AI	-20	-20+15*LOG(f/40) dB Min	-39	-25	

Mechanicals:



SUGGESTED PAD LAYOUT



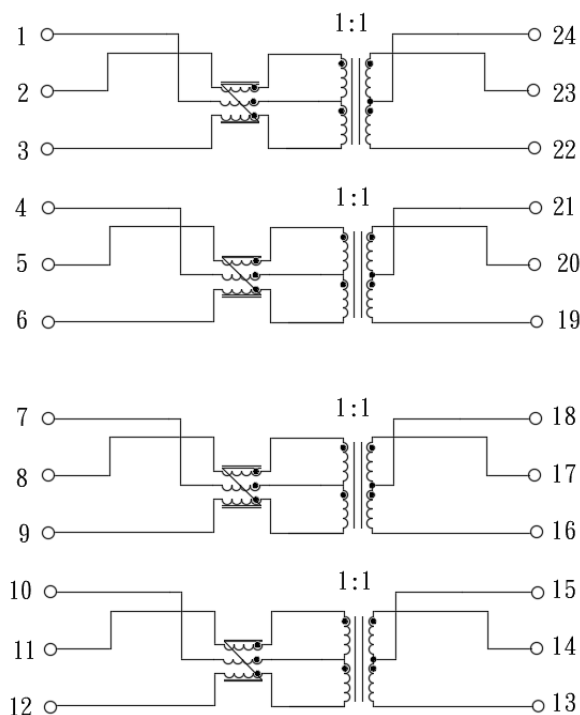
Units:mm Tolerances .XX:±0.25mm

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Giga BASE SINGLE PORT TRANSFORMER

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Schematics:



Package:

- 800pcs / reel
- 1,600 pcs / inner box
- 8,000pcs / carton

