

Ordering Code: EL1G-485411-OS

Giga BASE DUAL PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- Support 8 pairs of CAT5 UTP Cable.
- RoHS compliant.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -40°C to +85°C.

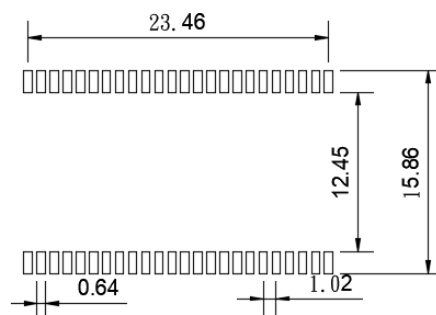
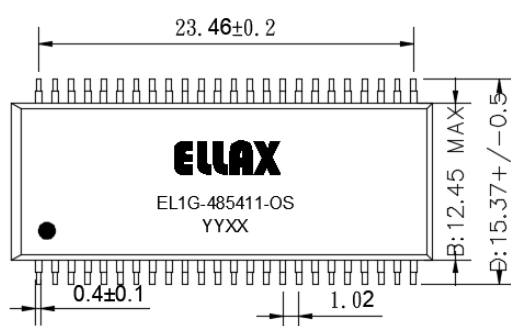
Electrical Specifications @ 25°C

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	1-30MHz	60MHz	80-100MHz	
EL1G-485411-OS	1CT:1CT	350	-1.1	-42	-40	-35	1500

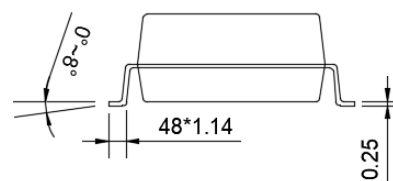
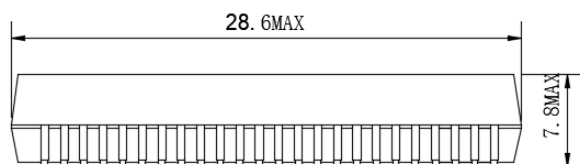
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Part Number	Return Loss (dB Min)				Cross Talk (dB Min)	DC Resistance (ohms Max)
	1-30MHz	30-50MHz	60-80MHz	100MHz	1-100MHz	1.0 ohms Max.
EL1G-485411-OS	-18	-16	-12	-10	-38	

Mechanicals:



SUGGESTED LAND PATTERN



Units:mm Tolerances XX.X0:±0.25mm
0.XX:±0.05mm

Address: No.21,Lu.39,Sec.2,Chang'an Rd.,Lnzhu dist.,Taoyuan City 338,Taiwan(R.O.C.)

Tel : + 886-3-3228575 Fax : + 886-3-3226955

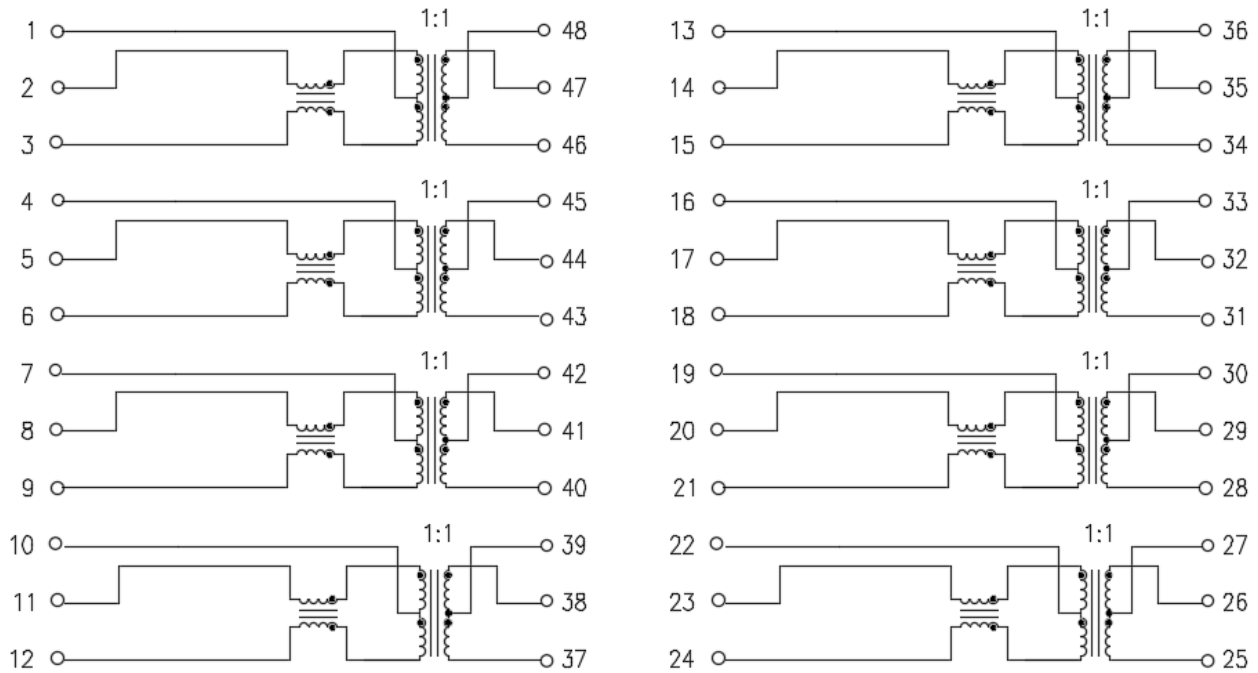
Http: www.ellax.com.tw E-mail: YL@ellax.com.tw

Part Number: EL1G-485411-OS

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Schematics:



Package:

-300 pcs / reel

-3,000pcs / carton

