

Ordering Code: EL2G-96004P-PI

2.5G BASE QUAD PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- Power over Ethernet (PoE) Magnetics, 90W@57V.
- RoHS compliant.
- Operating temperature range:-40°C to +85°C.
- Storage temperature range:-20°C to +125°C.

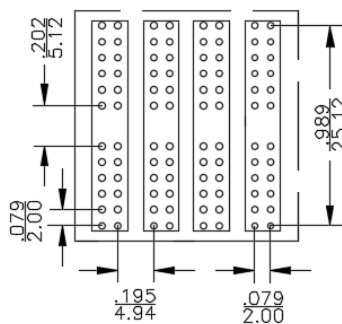
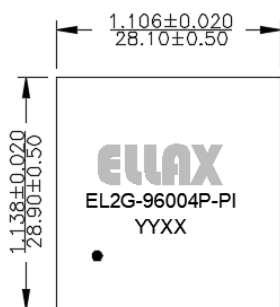
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V	Insertion Loss (dB Max)		CMMR (dB Min) 1MHz-200MHz	HI-POT (Vrms)
			1-100 MHz	100-200 MHz		
EL2G-96004P-PI	1CT:1CT	150	-1.0	-2.0	-20	1500

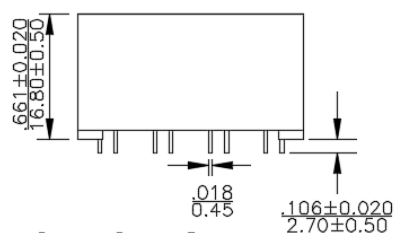
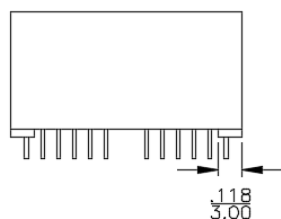
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Part Number	Return Loss (dB Min)				Cross Talk (dB Min)	
	30MHz	80MHz	125MHz	150MHz	1-125MHz	125-200MHz
EL2G-96004P-PI	-18.0	-12.0	-10.0	-8.0	-35	-25

Mechanicals:



Suggested PCB Layout



Dimension:mm[Inch]±0.25[0,010]

PIN Describing

91° 085 79° 073 67° 061 55° 049
 92° 086 80° 074 68° 062 56° 050
 93° 087 81° 075 69° 063 57° 051
 94° 088 82° 076 70° 064 58° 052
 95° 089 83° 077 71° 065 59° 053
 96° 090 84° 078 72° 066 60° 054

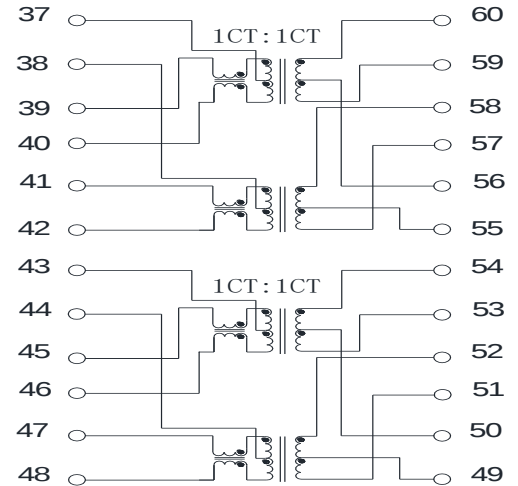
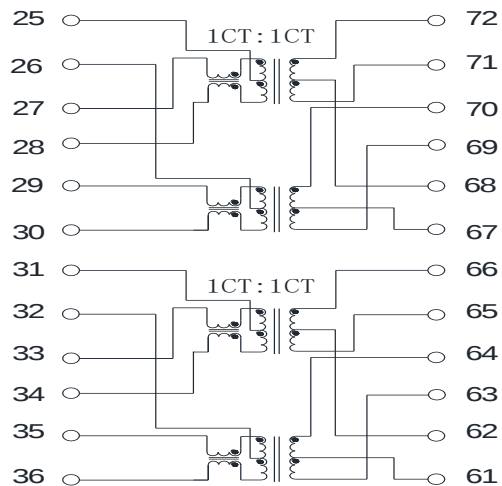
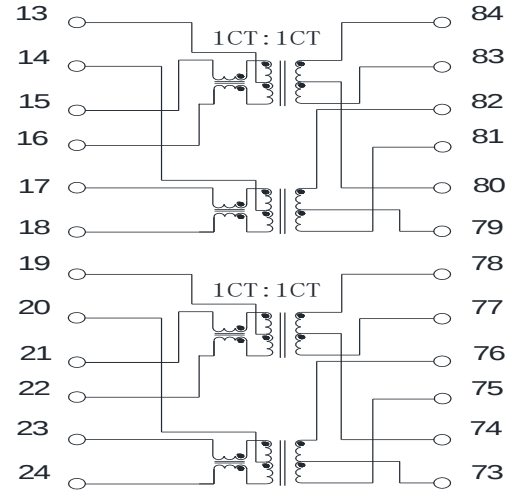
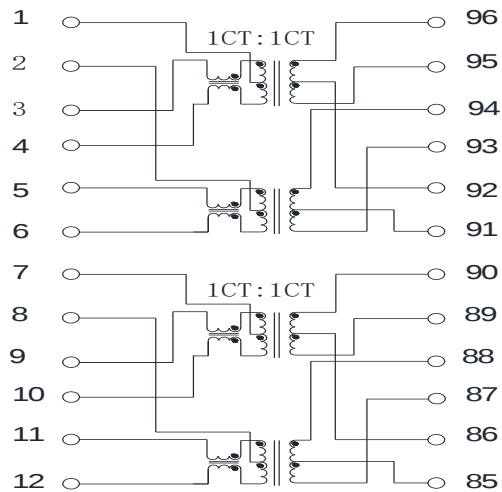
6° 012 18° 024 30° 036 42° 048
 5° 011 17° 023 29° 035 41° 047
 4° 010 16° 022 28° 034 40° 046
 3° 09 15° 021 27° 033 39° 045
 2° 08 14° 020 26° 032 38° 044
 1° 07 13° 019 25° 031 37° 043

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Schematics:



Package:

-17pcs / tube

-816pcs / carton