

## 2.5G Base-T DIP Transformer

Part Number: 9608DP-C

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- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Power over Ethernet(PoE) Magnetics, 1500mA current capability.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range:-20°C to +125°C

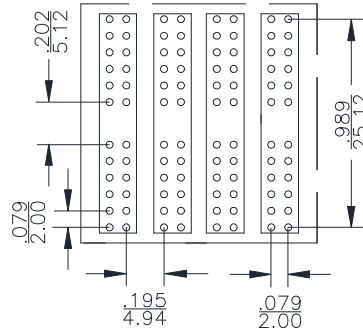
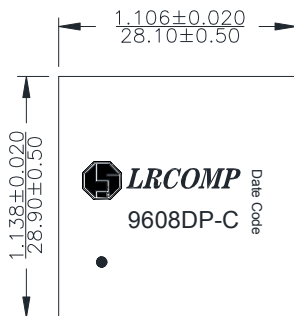
### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V	Insertion Loss (dB Max)	CMRR (dB Min)	HI-POT (Vrms)
	TX	RX		1-200MHz	1-200MHz	
9608DP-C	1CT:1CT	1CT:1CT	180	-2.0	-28	1500

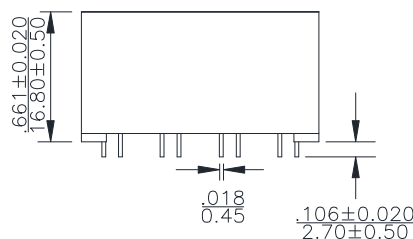
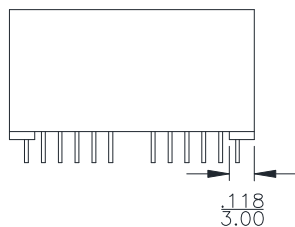
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Part Number	Return Loss (dB Min)					Cross Talk (dB Min)		
	1-40MHz	40MHz	80MHz	100MHz	200MHz	30MHz	10MHz	200MHz
9608DP-C	-18	-16	-14	-12	-10	-35	-30	-28

### Schematics:



Suggested PCB Layout



Dimension:mm[Inch]±0.25[0,010]

### PIN Describing

91◦ 85 79◦ 73 67◦ 61 55◦ 49  
 92◦ 86 80◦ 74 68◦ 62 56◦ 50  
 93◦ 87 81◦ 75 69◦ 63 57◦ 51  
 94◦ 88 82◦ 76 70◦ 64 58◦ 52  
 95◦ 89 83◦ 77 71◦ 65 59◦ 53  
 96◦ 90 84◦ 78 72◦ 66 60◦ 54

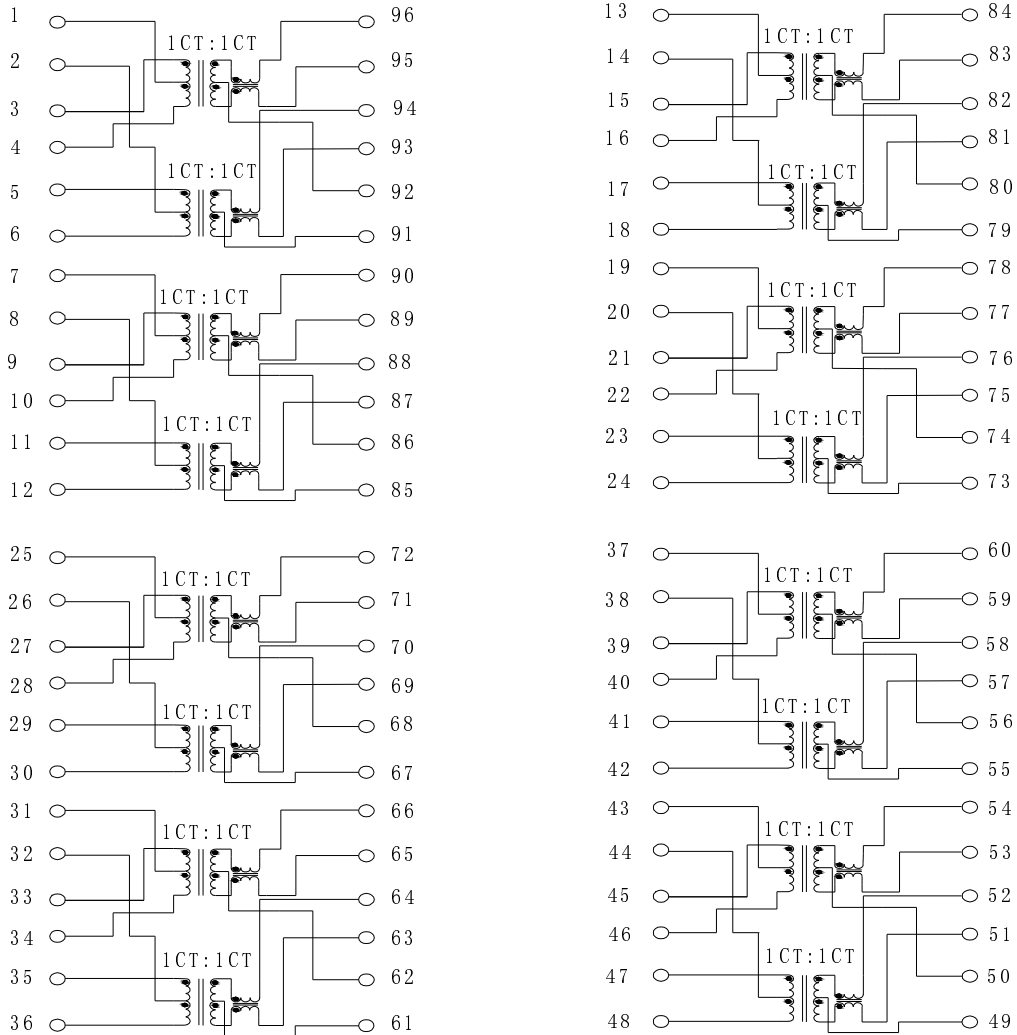
6 ◦ 12 18◦ 24 30◦ 36 42◦ 48  
 5 ◦ 11 17◦ 23 29◦ 35 41◦ 47  
 4 ◦ 10 16◦ 22 28◦ 34 40◦ 46  
 3 ◦ 9 15◦ 21 27◦ 33 39◦ 45  
 2 ◦ 8 14◦ 20 26◦ 32 38◦ 44  
 1 ◦ 7 13◦ 19 25◦ 31 37◦ 43

## 2.5GBase-T DIP Transformer

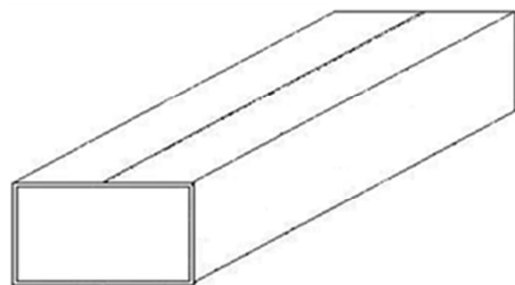
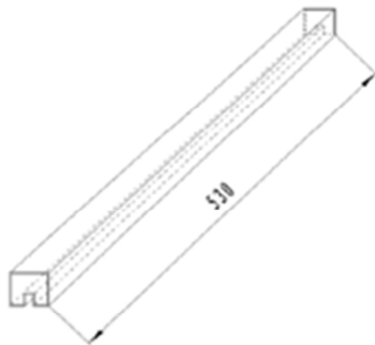
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### Schematics:



### Package:



Quantity per reel: 17 pcs

Quantity per big carton: 816 pcs