

10/100/1000 Base-T DIP Transformer

Part Number: 96101DG

Page: 1/2

- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range:-20°C to +125°C

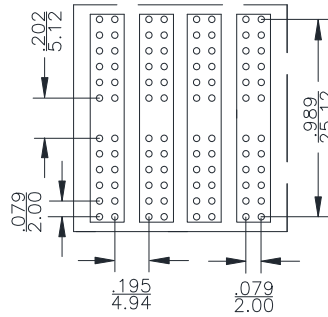
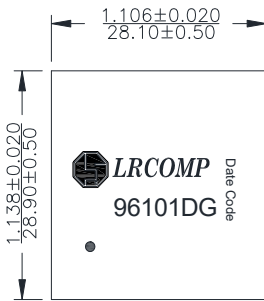
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max) 1-100MHz	DCMR (dB Min) 1-100MHz	HI-POT (Vrms)
	TX	RX				
96101DG	1CT:1CT	1CT:1CT	350	-1.1	-30	1500

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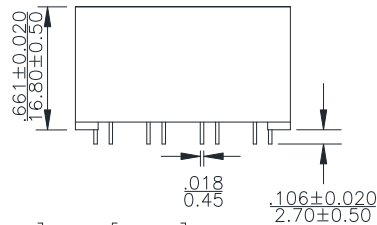
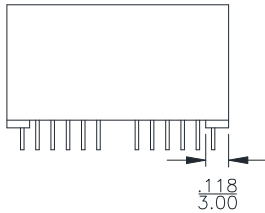
Part Number	Return Loss (dB Min)					Cross Talk (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
96101DG	-18	-14.4	-13.1	-12	-10	-40	-35	-30

Schematics:



PIN Describing

91 0 85 79 0 73 67 0 61 55 0 49
 92 0 86 80 0 74 68 0 62 56 0 50
 93 0 87 81 0 75 69 0 63 57 0 51
 94 0 88 82 0 76 70 0 64 58 0 52
 95 0 89 83 0 77 71 0 65 59 0 53
 96 0 90 84 0 78 72 0 66 60 0 54



Dimension:mm[Inch]±0.25[0,010]

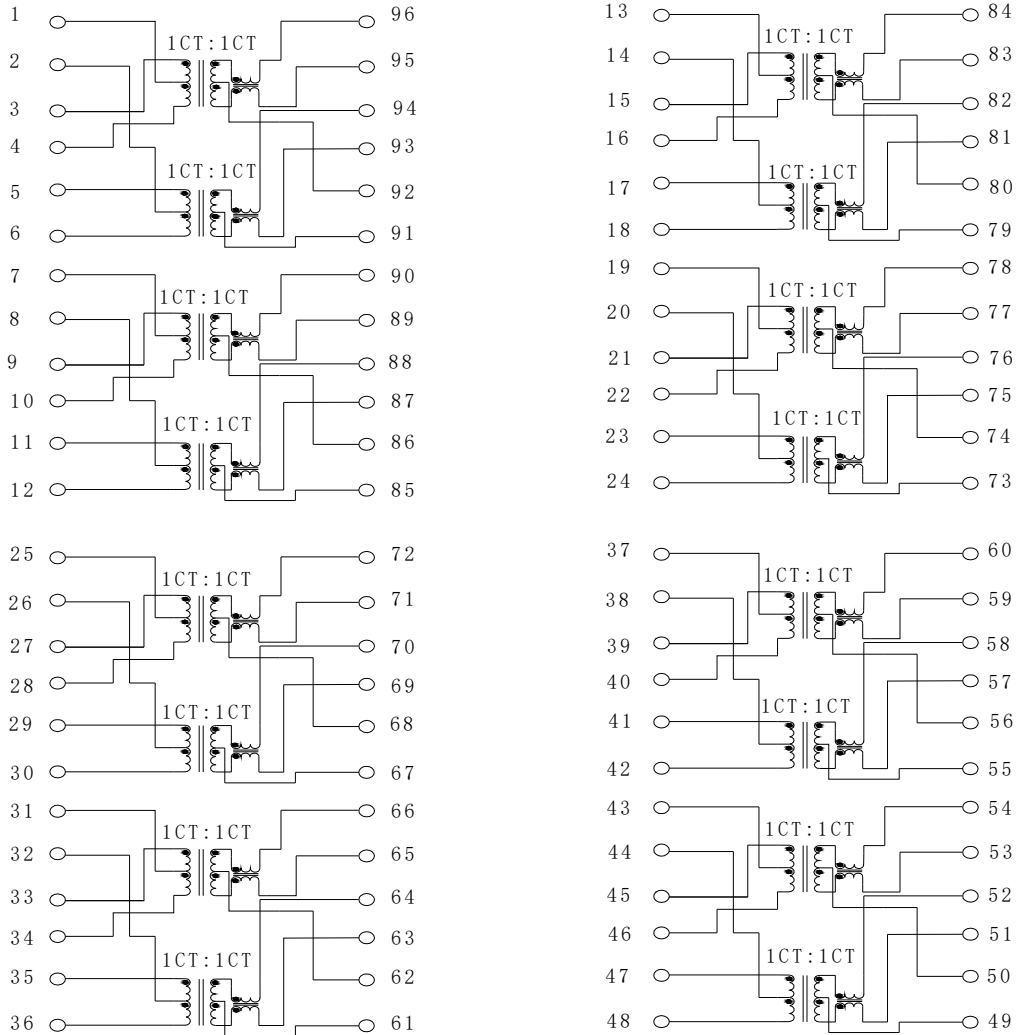
6 0 12 18 0 24 30 0 36 42 0 48
 5 0 11 17 0 23 29 0 35 41 0 47
 4 0 10 16 0 22 28 0 34 40 0 46
 3 0 09 15 0 21 27 0 33 39 0 45
 2 0 08 14 0 20 26 0 32 38 0 44
 1 0 07 13 0 19 25 0 31 37 0 43

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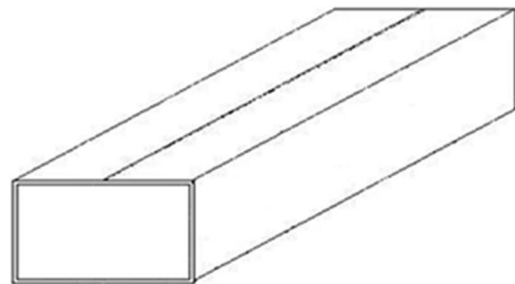
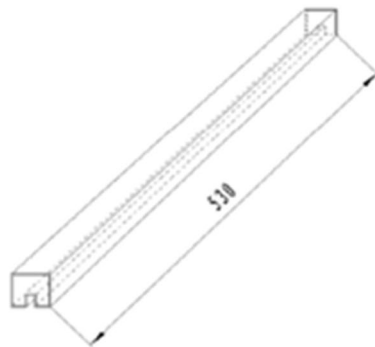
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Page: 2/2

Schematics:



Package:



Quantity per reel: 17 pcs

Quantity per big carton: 816 pcs