

# 10/100/1000 Base-T DIP Transformer

Part Number: 88131DG

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- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Power over Ethernet(PoE) Magnetics,720mA current capability.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range:-20°C to +125°C

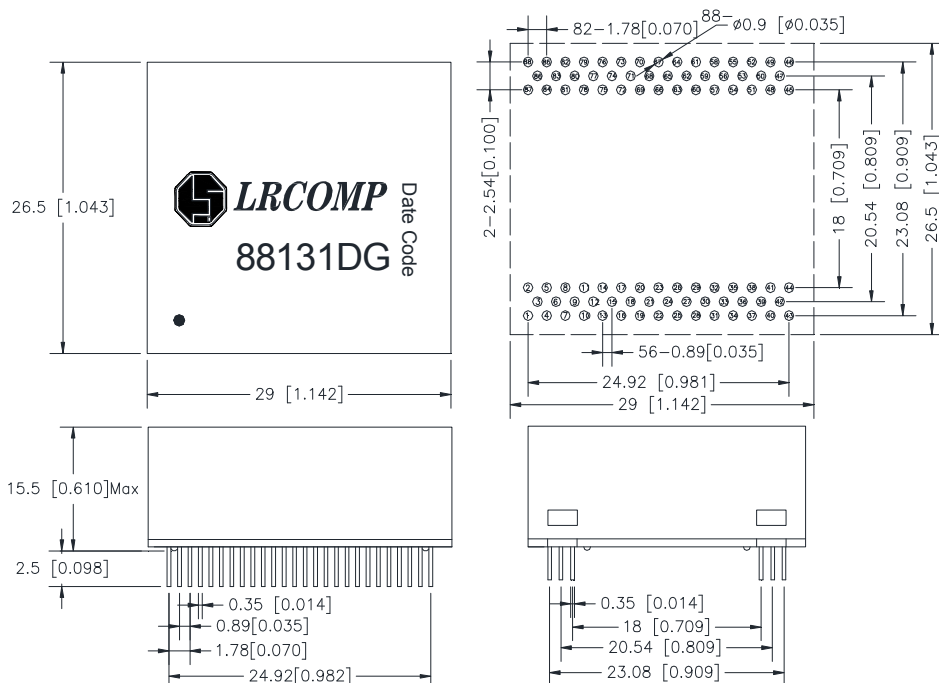
### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max) 1-100MHz	DCMR (dB Min) 1-100MHz	HI-POT (Vrms)
	TX	RX				
88101DG	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
88101DG	-18	-14.4	-13.1	-12	-10	-40	-35	-30

### Schematics:



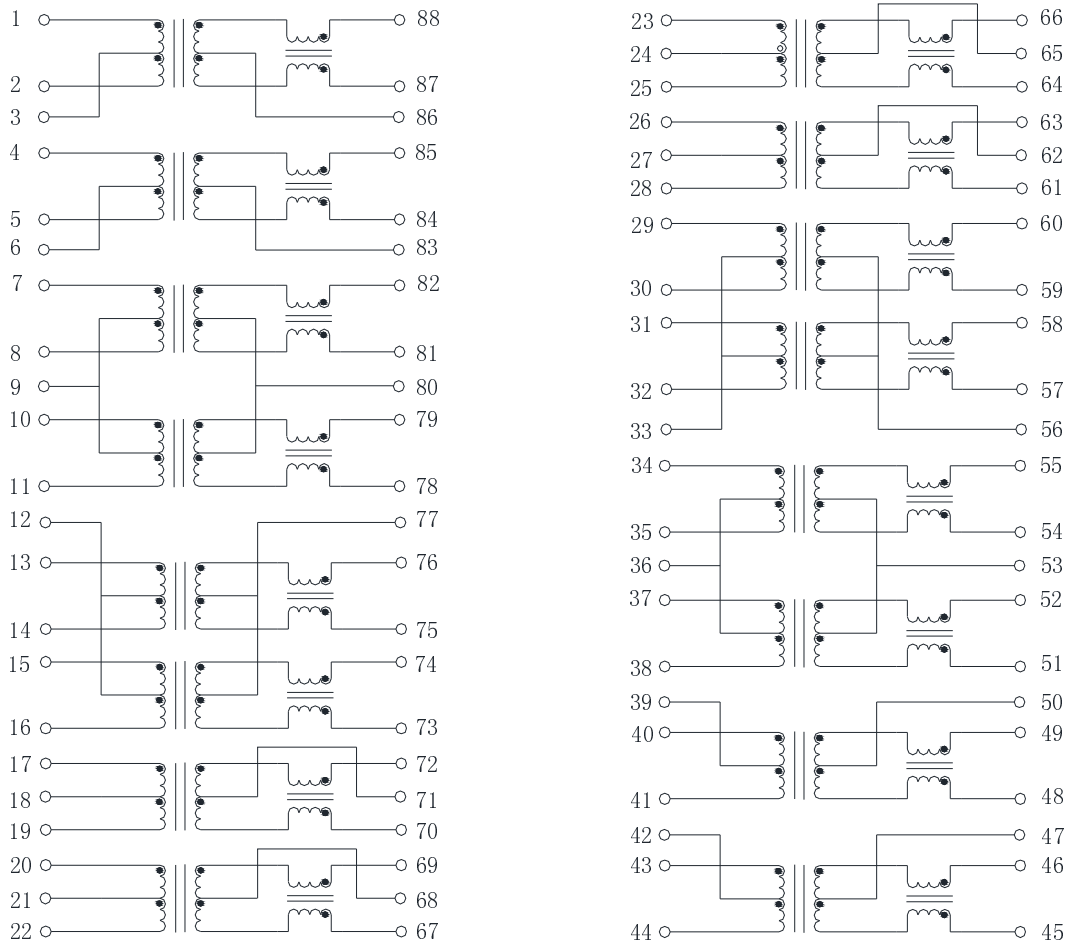
Dimension:mm[Inch]±0.25[0.010]

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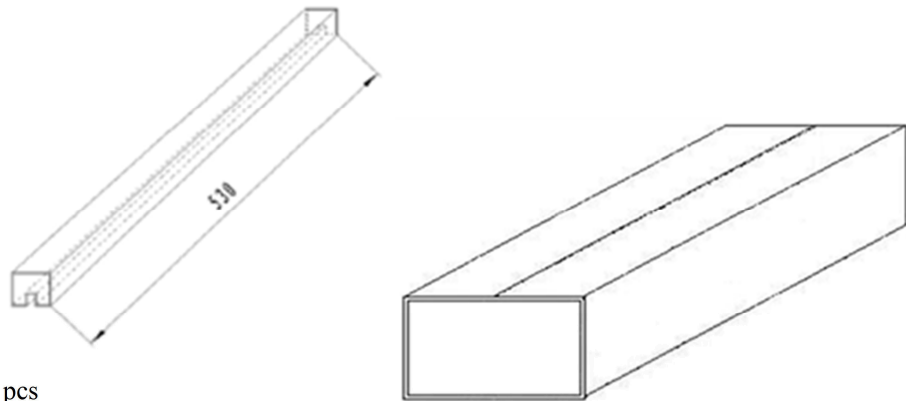
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**Schematics:**



**Package:**



Quantity per reel: 17 pcs  
 Quantity per big carton: 918 pcs