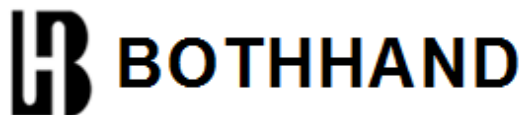
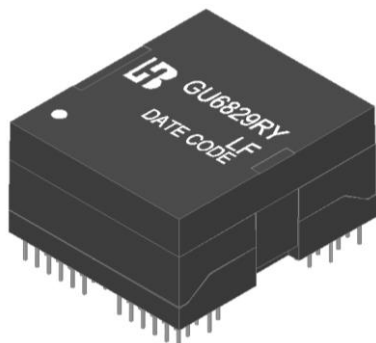


GU6829RY LF
DIP 1000 BASE-T Quad Port Discrete
LAN Magnetics



Feature

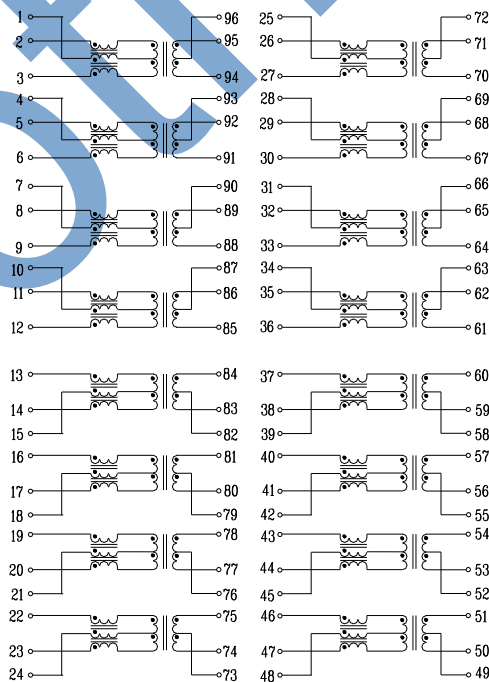


- Complying with IEEE 802.3ab standard for 1000 BASE-T , full quad port applications.
- Supports 16 pairs of category 5 UTP cable.
- Suitable for UPOE application with 720mA current capability.
- Cable interface for isolation and low common mode emissions.
- Complying with ROHS requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +85°C.

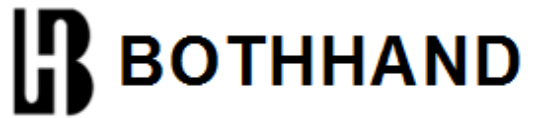
Electrical Specifications @ 25°C								
Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V	L.L (uH Max)	Cw/w (pF Max)	DCR (Ω Max)		HI-POT
	TX	RX				PRI	SEC	
GU6829RY LF	1CT:1CT	1CT:1CT	350	0.5	28	0.9	1.2	AC1500V/1mA

Continue												
Part Number	Insertion Loss (dB Max)	Cross talk (dB Min)			Return Loss (dB Min) @ Load 100Ω					DCMR (dB Min)		
		1-100MHz	30MHz	60MHz	100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz
GU6829RY LF	-1.0	-40	-35	-30	-18	-16	-14.08	-12.5	-10	-40	-35	-30

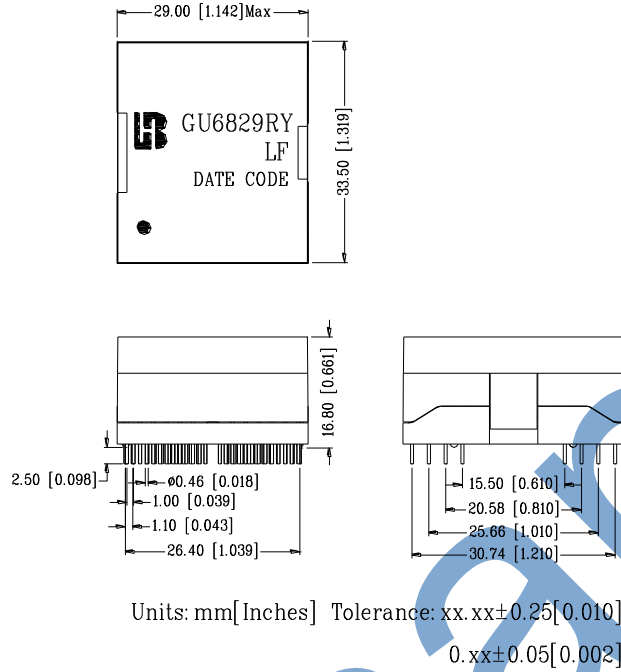
Schematic



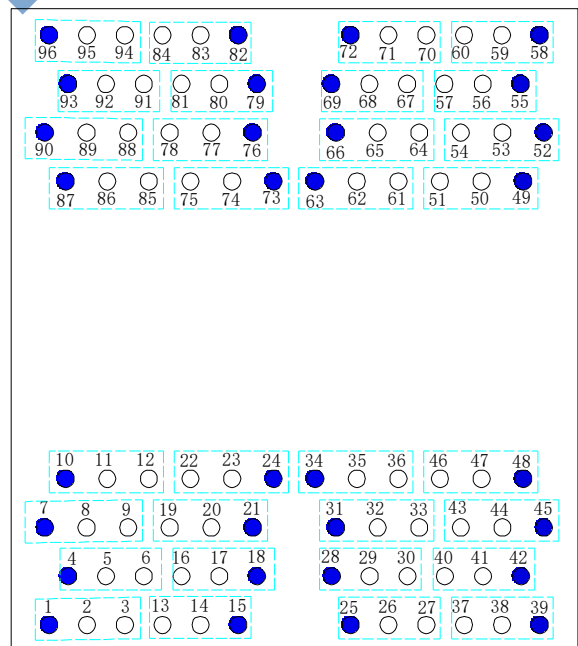
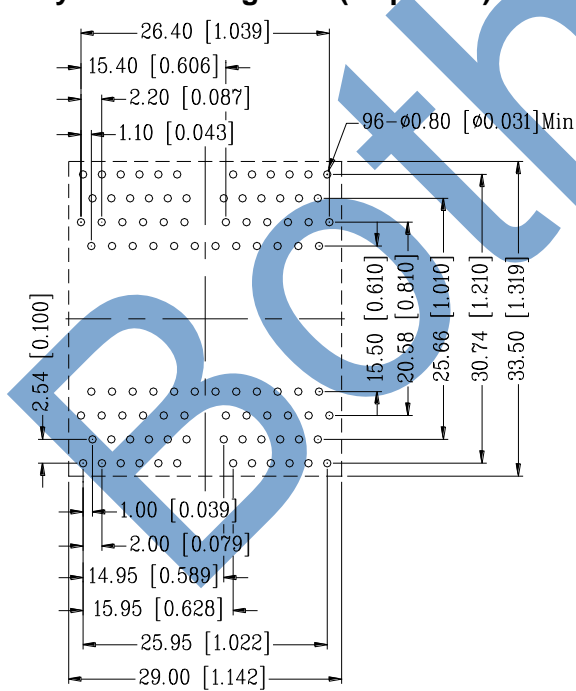
GU6829RY LF
DIP 1000 BASE-T Quad Port Discrete
LAN Magnetics



Mechanical



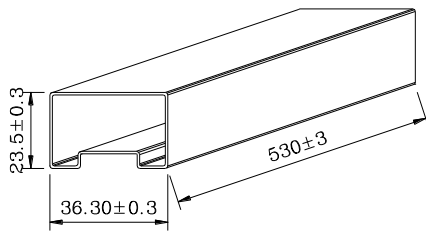
PCB Layout mounting Hole (Top View)



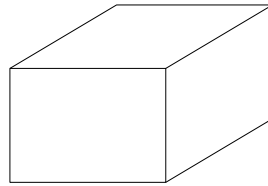
Blue : Center Tap

Unless otherwise specified,
 all dimension tolerance are: $\pm 0.08[\pm 0.003]$

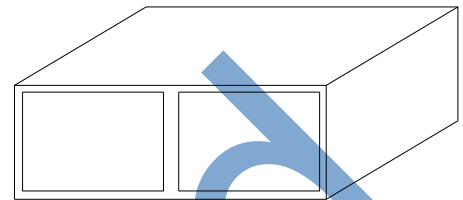
TUBE PACKAGE



TUBE



INNER BOX-567x135x125



OUTER CARTON-598x287x150

1. 1 TUBE=17PCS
2. 1 INNER BOX=12TUBE=12x17=204PCS
3. 1 OUTER CARTON=2 INNER BOX=2x204=408PCS

Bothhand