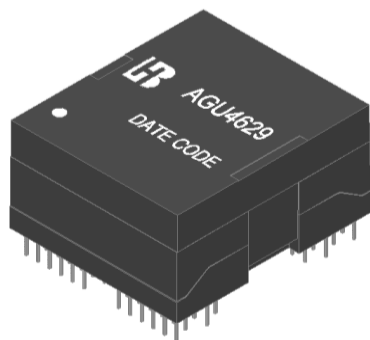


Feature



- Design for 2.5G ethernet application.
- Complying with IEEE 802.3at standard.
- POE applications with 720mA current capability.
- 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)	C _{www} (pF Max)	DCR (Ω Max)	HI-POT
	TX	RX					
AGU4629	1CT:1CT	1CT:1CT	180	0.5	28	1.0	AC1500V/1mA

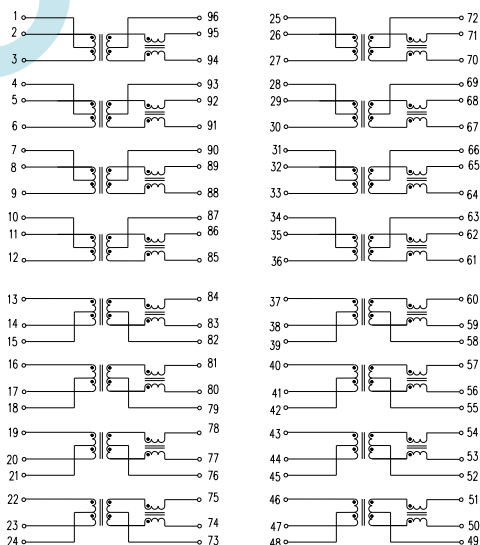
Continue

Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)@Load 100Ω			
	1-100MHz	125MHz	1-40MHz	60MHz	100MHz	125MHz
AGU4629	-1.0	-1.5	-16	-14.23	-12.02	-11.05

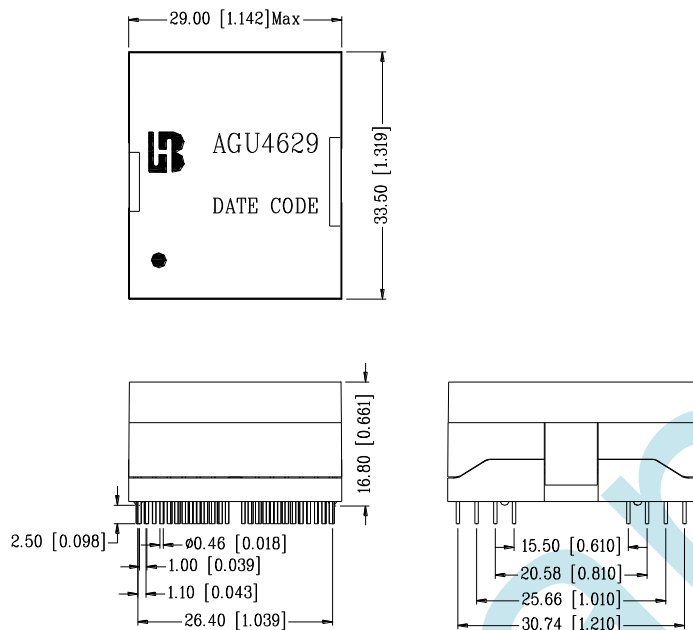
Continue

Part Number	Cross talk (dB Min)				DCMR (dB Min)			
	30MHz	60MHz	100MHz	125MHz	1-30MHz	60MHz	100MHz	125MHz
AGU4629	-43.14	-38.62	-35.3	-33.84	-48	-42.47	-38.22	-36.35

Schematic

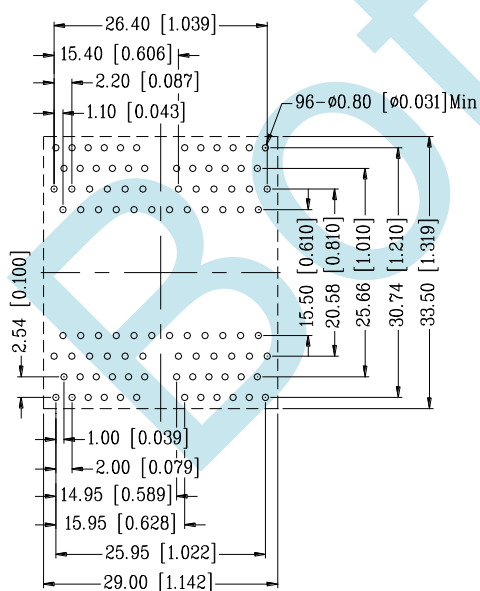


Mechanical

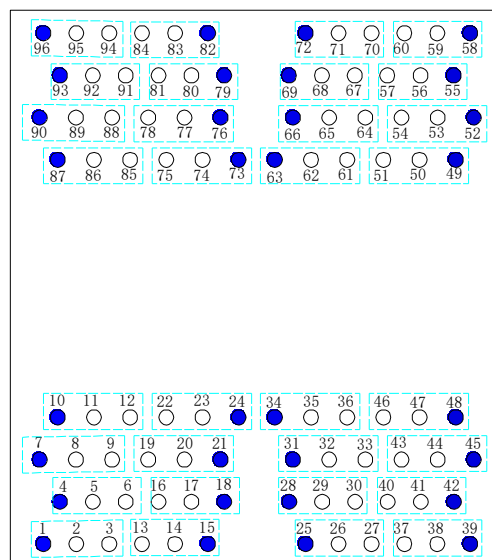


Units: mm [Inches] Tolerance: xx.xx±0.25 [0.010]
 0.xx±0.05 [0.002]

PCB Layout mounting Hole (Top View)

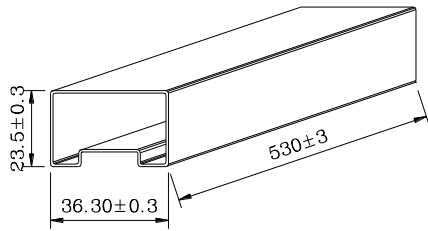


Unless otherwise specified,
 all dimension tolerance are: $\pm 0.08 [\pm 0.003]$

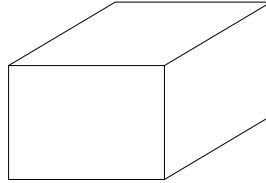


Blue : Center Tap

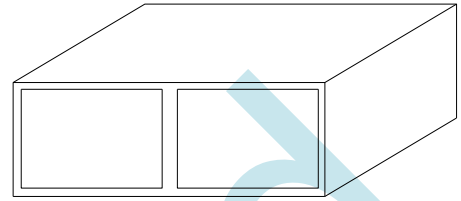
TUBE PACKAGE



TUBE



INNER BOX-567x135x125



OUTER CARTON-598x287x151

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

Bothhand