

100/1000BASE-T PoE TRANSFORMER MODULES

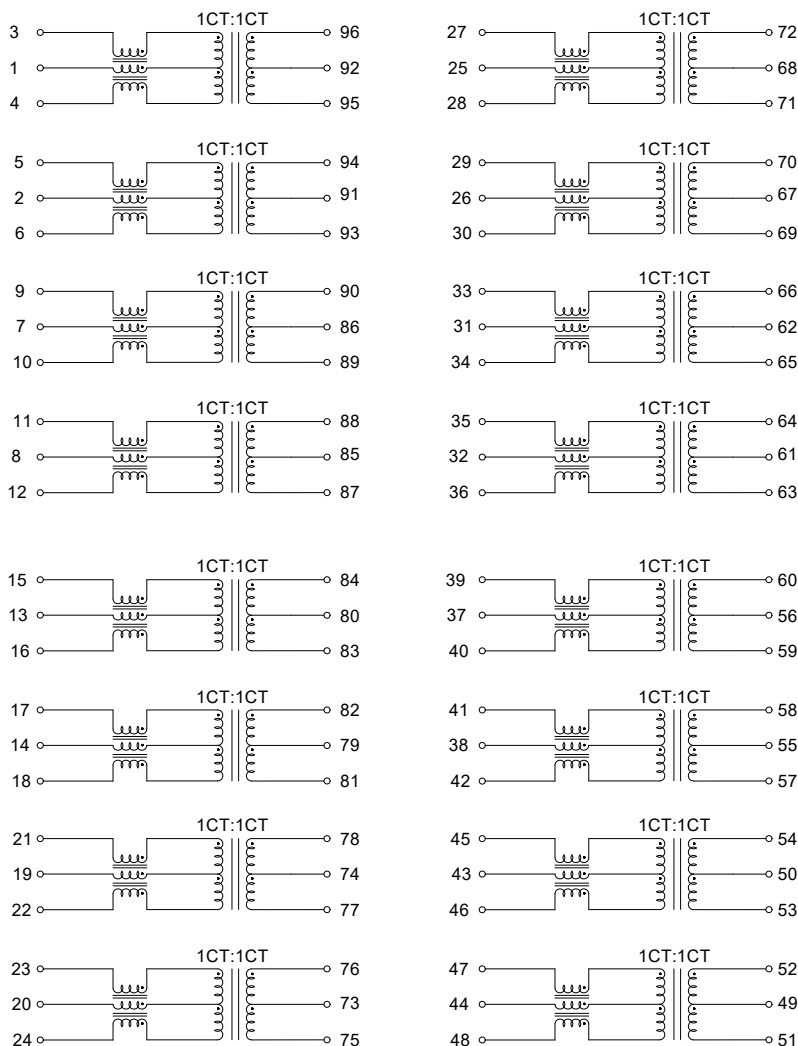


- Designed for Ethernet 100/1000BASE-T.
- Meets IEEE 802.3bt specification.
- RoHS and Halogen Free compliant.
- PoE applications with 950mA current per center tap.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +85°C.

Electrical Specifications @25°C

Part Number	Turns Ratio Pri/Sec ±5%	OCL(uH min) @100KHz,0.1V with 14mA DC Bias	Crosstalk (dB MIN)			Hi-Pot (Vrms)		
			30MHz	60MHz	100MHz			
GTS-9613P-R	1CT:1CT	350	-40	-35	-30	1500		
continued								
Part Number	Insertion Loss (dB MAX)	Return Loss (100Ω±15%) (dB MIN)			CMRR (dB MIN)			
		0.3-100MHz	1-40MHz	40-100MHz	30MHz	60MHz	100MHz	
GTS-9613P-R	-1.2	-16	-10+20log ₁₀ (f/80 MHz)			-40	-35	-30

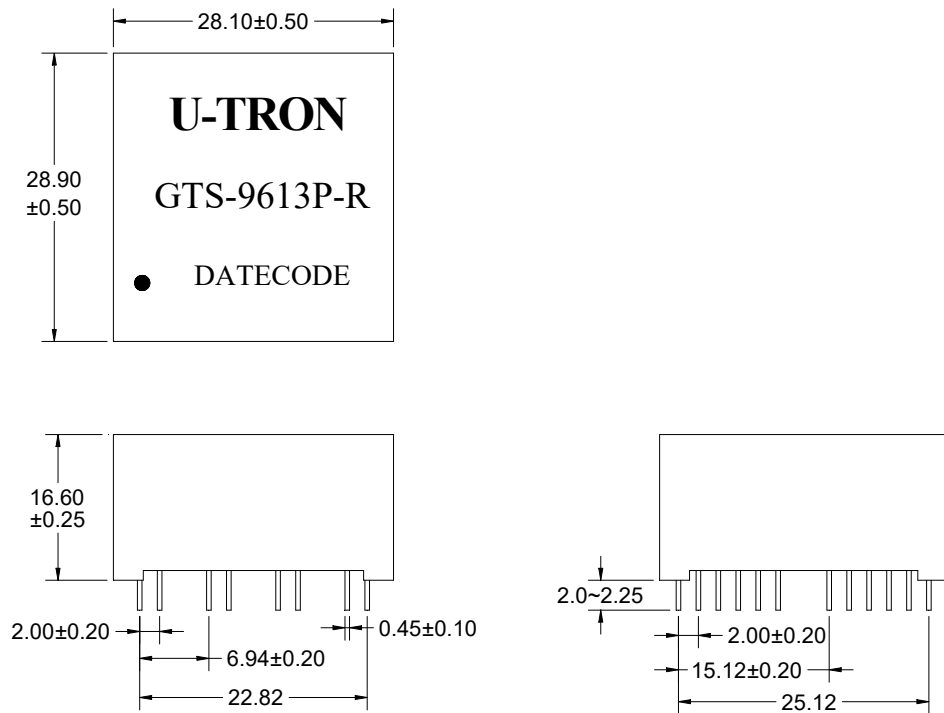
Schematic



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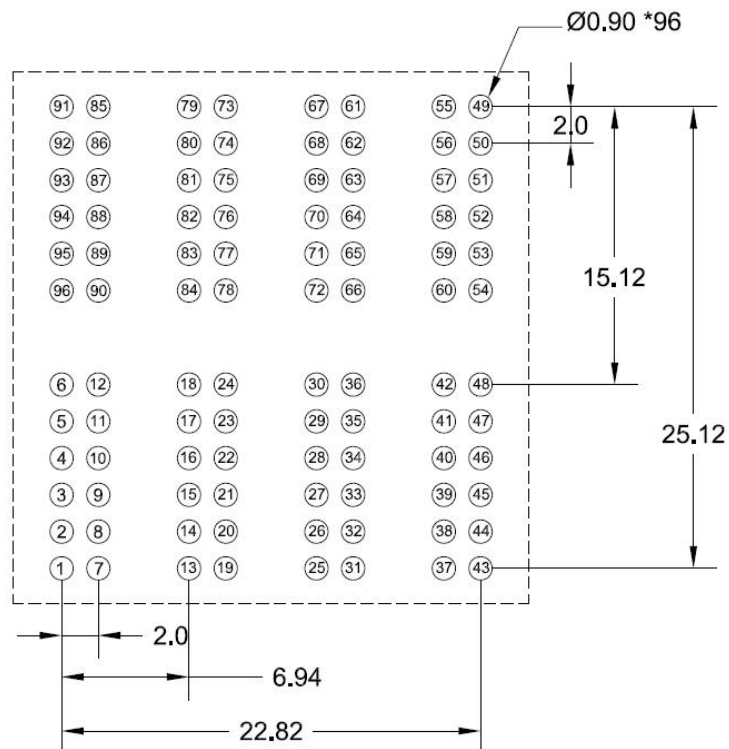


Mechanical



Dimensions: mm Unless otherwise specified, all tolerances are ± 0.25 .

PCB Layout mounting Hole(Top View)



Dimensions: mm