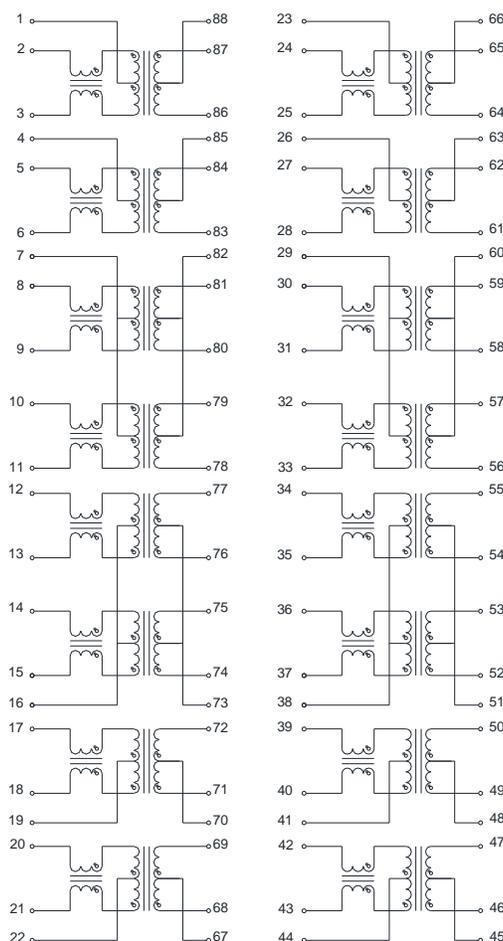


1000BASE-Tx Quad Port Transformer Modules

- Meets IEEE 802.3at standard
- RoHS Compliant
- Suitable for End-span PoE application with 720mA current capability
- Operating temperature range: 0°C ~+85°C

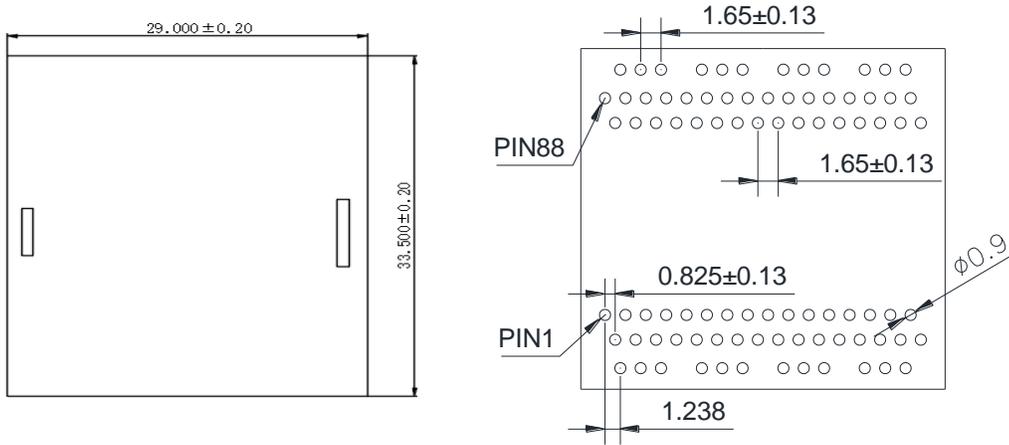
Electrical Specification @25°C			
Inductance:	350uH Min. @100KHz/0.1V with 8mA DC Bias		
Hi-POT :	1500Vrms.		
Turn Ratio:	1CT:1CT±5%		
Insertion Loss :	-1.1dB Max. @1MHz-100MHz		
Return Loss:	1-30 MHz	60-80 MHz	100MHz
	-18dB Min.	-12dB Min.	-10dB Min.
Cross Talk:	-30dB Min @1MHz-100MHz		
D.C.M.R. :	-30dB Min @1MHz-100MHz		

Schematics:

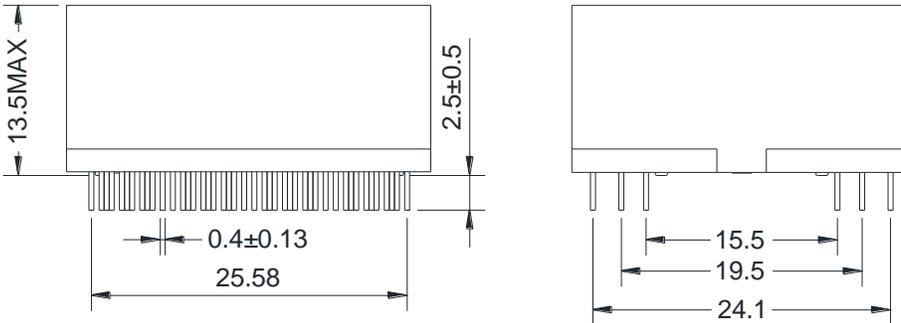


Dimensions:

(Units: mm, Unless otherwise specified, all tolerances are ± 0.25)



SUGGESTED PCB LAYOUT



Pin definition: Red circle mean center tap

