



10/100/1000Base-T Single Port Transformer Module



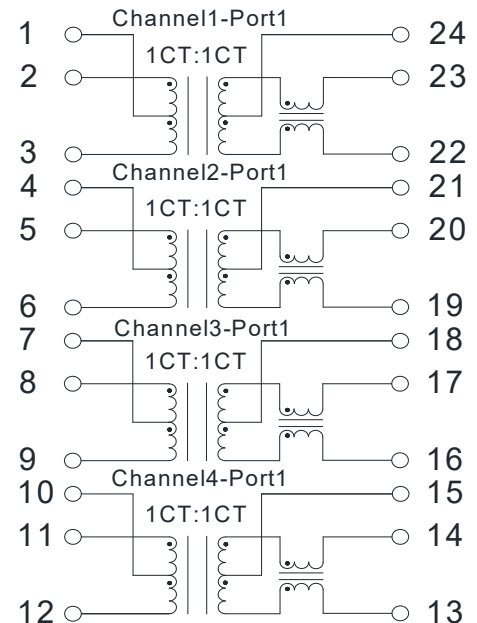
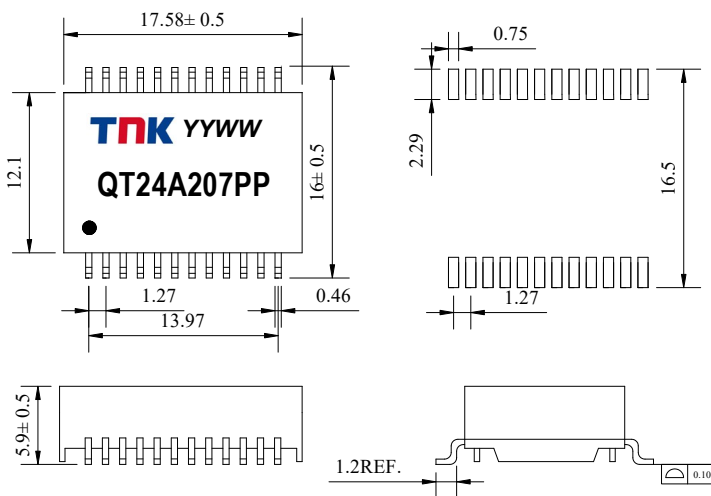
- Designed to meet IEEE802.3at requirement
- Designed to meet IR 255°C peak requirement
- Primary inductance 350uH min with 8mA DC Bias
- ROHS Compliant
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -40°C to +125°C
- The part is POE enable with 720mA DC current.
- Withstands 6KV(REF.) surge

Electrical Specifications @ 25°C

Part Number	Turn Ratio		Insertion Loss 0.5~100MHz (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)		CMRR (dB Min)	CWW (pF Max)	LK (uH Max)	DCR (Ω Max)	Hi-PoT (Vrms)
	Tx	Rx		0.5-30 MHz	30.1-60 MHz	60.1-80 MHz	0.5-40 MHz	40.1-100 MHz					
QT24A207PP	1CT:1CT		1.0	-16	-14	-12	-35	-30	-30	35	0.5	1.2	3500

Mechanical

Schematics



Dimension:mm

Unless otherwise specified,tolerances:±0.25(mm)

Data sheet subject to change without notice