



10/100 Base-T single port transformer Module



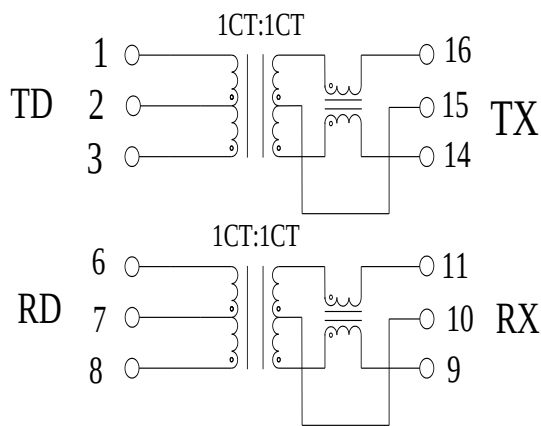
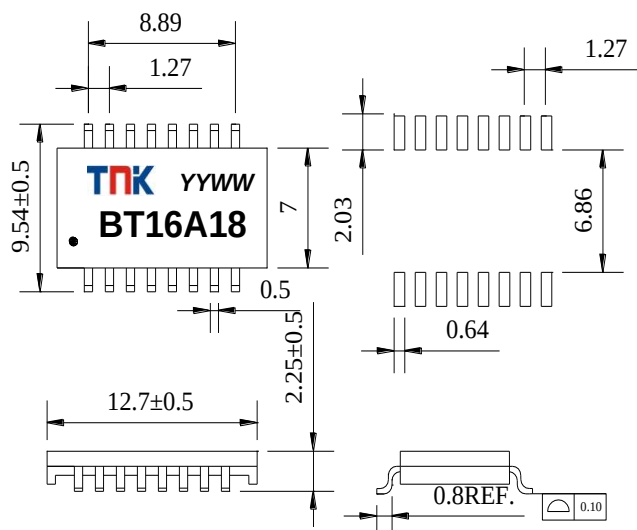
- Designed to meet IEEE802.3u requirement
- Designed to meet IR 255°C peak requirement
- Primary inductance 350uH min
- RoHS Compliant
- Operating temperature range:-40°Cto+85°C
- Storage temperature range:-25°Cto+125°C

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)	LK (uH Max)	DCR (Ω Max)	CWW (pF 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					
BT16A18	1:1	1:1	-0.9	-16	-14	-12	-35	-30	-30	0.5	1.2	28	1500

Mechanical

Schematics



Dimension:Inches/mm

Unless otherwise specified,tolerances:±0.25(mm)

Data sheet subject to change without notice