



100 Base-T single port transformer Module



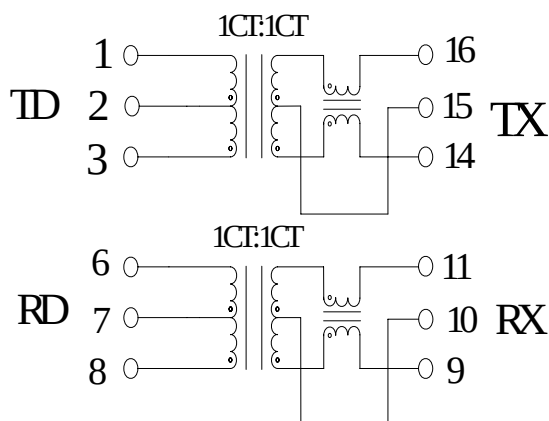
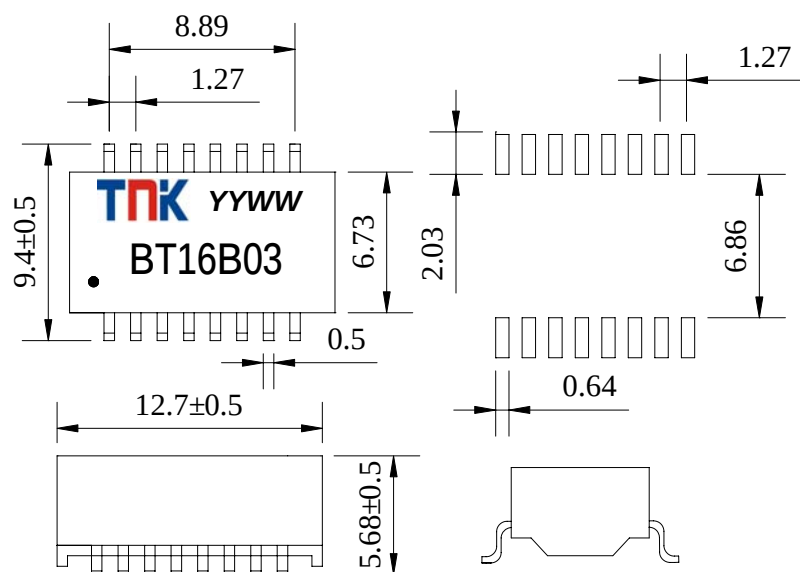
- Designed to meet IEEE802.3u requirement
- Designed to meet IR 255°C peak requirement
- Primary inductance 350uH min with 8mA DC Bias @100KHz,0.1V
- ROHS Compliant
- Operating temperature range:0°C to +70°C
- Storage temperature range:-25°C to +125°C

Electrical Specifications @ 25°C

Part Number	Turn Ratio		Insertion Loss 0.3~100MHz (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)		DMRR (dB Min)	LK (Max)	DCR (Max)	CWW (Max)	Hi-Pot (Vrms)
	Tx	Rx		30 MHz	60 MHz	80 MHz	0.3-60 MHz	60-100 MHz					
BT16B03	1:1	1:1	-1.15	-18	-14	-12	-45	-35	-30	0.5 uH	1.2Ω	28pF	1500

Mechanical

Schematics



Dimension:mm

Unless otherwise specified,tolerances:±0.25(mm)

Data sheet subject to change without notice