

LAN COMPONENTS

10/100 Base-TX Single port LAN Transformer Module

MODEL NO:TE1201S



Feature :

Meets all IEEE 802.3at Standards

SMD Environmental : Designed to meet IR 260°C peak

Primary Inductance(Lp):350uH Min (100KHz, 100mV, 24mAdc)

Operate Temperature: 0 to 70°C

Storage Temperature range:-25°C to +125°C

PoE applications current capability:720mA

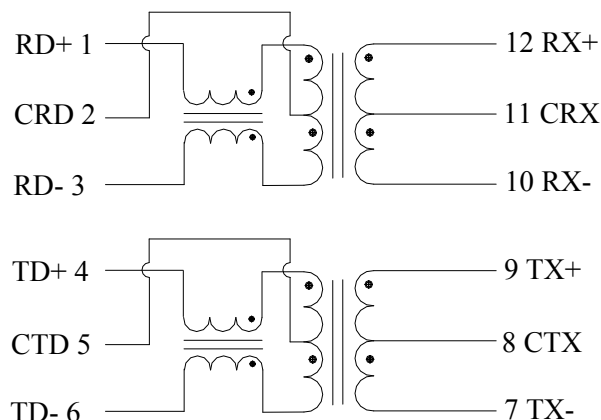
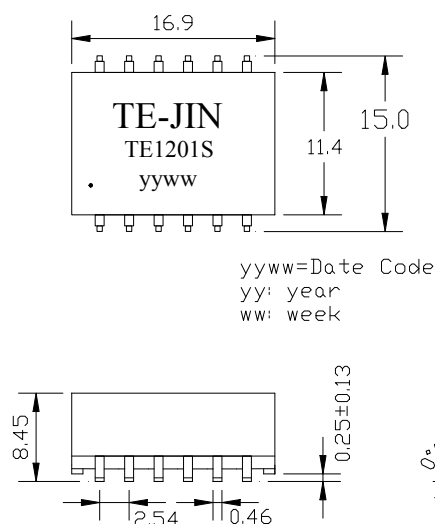
HI-POT:1500Vrms 1mA

Electrical Specifications at 25°C — Operating Temprange: 0°C To +70°C

Part Number	Transformer Turns ratio ($\pm 2\%$) Receive Transmit	Insertion Loss (dB TYP) 0.5~100MHz	Crosstalk (dB TYP) 1~ 100(MHz)	Return loss (dB TYP) 0.5-30/30-45/45-60/60-80(MHz)	CMRR (dB TYP) 0.5~ 100(MHz)
TE1201S	1CT:1CT	-1.0	-35	-18/ -15/ -13/ -10	-33

Dimension: mm

Schematics:



Data sheet subject to change without notice

Unless otherwise specified,all tolerance are $\pm 0.25\text{mm}$

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