

LAN COMPONENTS

10/100 Base-TX SMD Single Port Miniature Transformers

MODEL NO: YX1607S



Feature:

Meets all IEEE 802.3at and ANSI X3.263 Standards

SMD Environmental: Designed to meet IR 260°C peak.

Suitable for End-span POE applications with 720 mA current capability.

Primary inductance(Lp):350uH Min (100KHz ,100mV ,8mA)

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

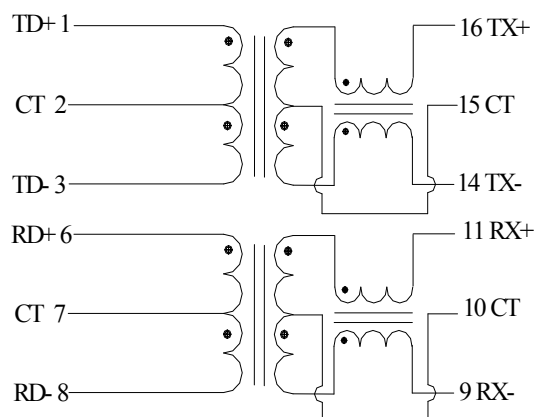
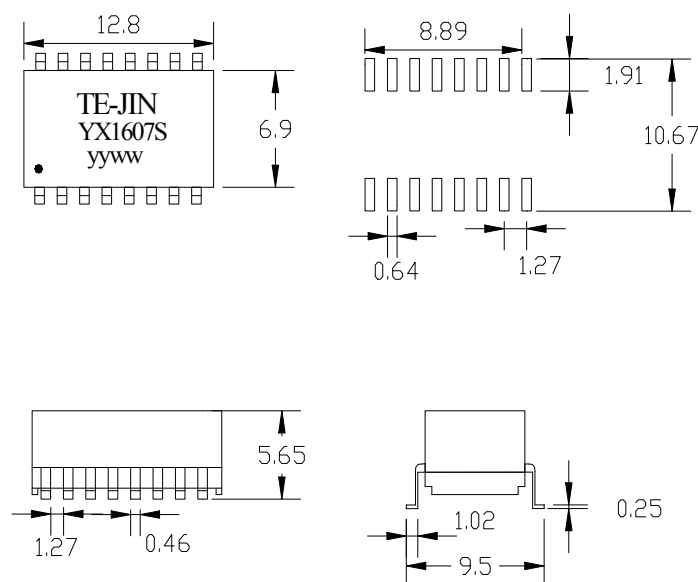
HI-POT:1500Vrms 1mA

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

Part Number	Transformer Turns ratio ($\pm 5\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 1/30/ 60/ 100(MHz)	Return loss (dB TYP) 1~30/-30~60/60~100/(MHz)	DCMR (dB TYP) 30/ 60/ 100(MHz)
YX1607S	1:1 1CT:1CT	-1.1	-45 / -42/-40 / -35	-16/ -10/ -10	-43/-37/-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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