

100 Base-T Single Port LAN Transformer Module MODEL NO:TE1604D



Feature:

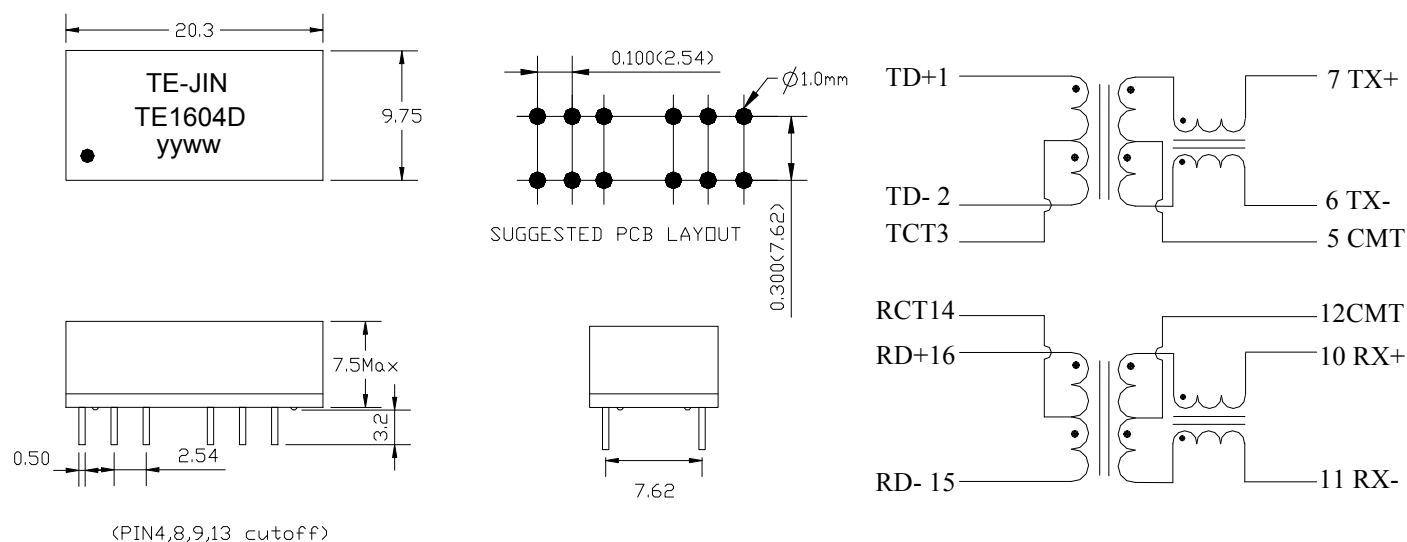
Designed to meet IEEE802.3u requirement
Wave solder conditions:Maximum temperature is $260^{\circ}\text{C} \pm 3^{\circ}\text{C}$
time is 5~6sec(refer to SONY ss-00254-4 standard)
Primary inductance(L_p): $350\mu\text{H}$ Min (100KHz ,100mV ,8mA)
Storage Temprange: -25°C To $+125^{\circ}\text{C}$
Withstands 6KV(REF).surge
HI-POT:1500VAC 1mA 1Sec

Electrical Specifications at 25°C — Operating Temprange: 0°C To $+70^{\circ}\text{C}$

Part Number	Transformer Turns ratio ($\pm 5\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 0.3~100(MHz)	Return loss (dB TYP) 1~30/30.1~60/60.1~80(MHz)	CMRR (dB TYP) 0.3~100(MHz)
TE1604D	1:1 1CT:1CT	-1.0	-35	-16/ -12/ -10	-30

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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