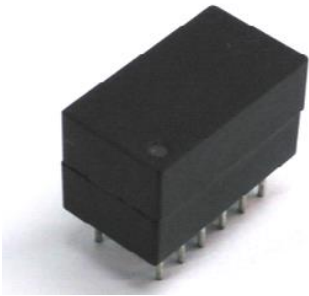


LAN COMPONENTS

10/100 Base-T Single Port LAN Transformer Module MODEL NO:TE1203D



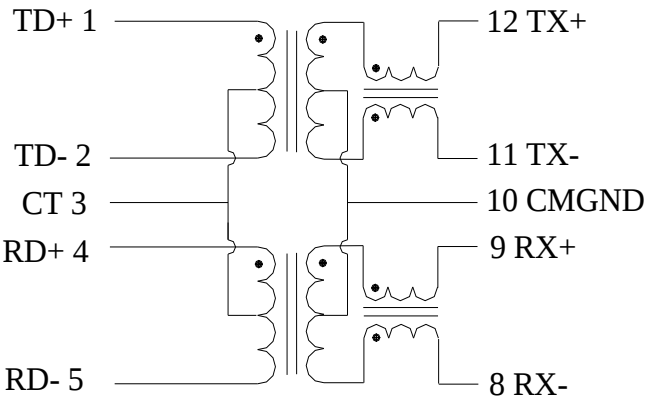
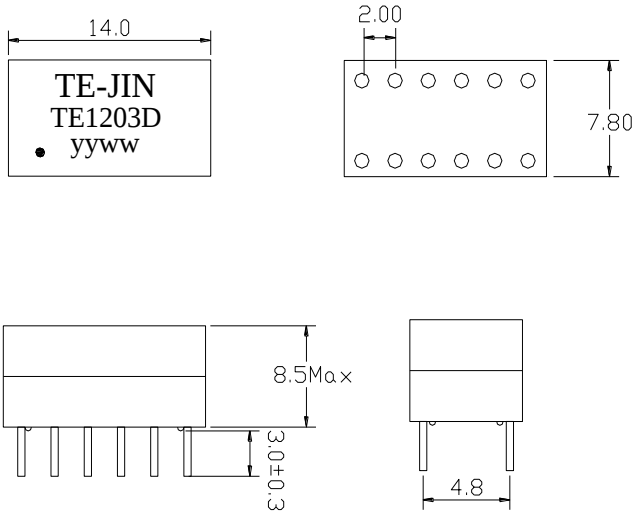
Feature:

Designed to meet IEEE802.3 requirement
Wave solder conditions: Maximum temperature is $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
time is 5~6sec(refer to SONY ss-00254-4 standard)
Primary inductance(L_p):350uH Min. 100KHz, 100mV, 8mAdc
Operate Temperature: 0 to $+70^{\circ}\text{C}$
Storage Temperature range: -25°C to $+125^{\circ}\text{C}$
HI-POT:1500Vrms 1mA

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) 0.5~30/40/60/60~80(MHz)	DCMR (dB TYP) 0.1~100(MHz)
TE1203D	1CT:1CT	-1.1	-35	-18/-15/-13/ -12	-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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