

10/100 BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS

With Various Turns Ratios

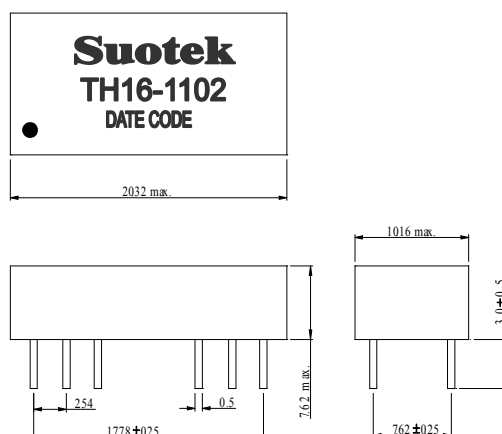


- 1) Meets IEEE 802.3 and ANSI X3.263 standards, including 350uH OCL with 8mA bias .
- 2) Designed for reflow soldering at temperatures up to 245°C
- 3) Compact footprint for use in the most space restrictive applications .

Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

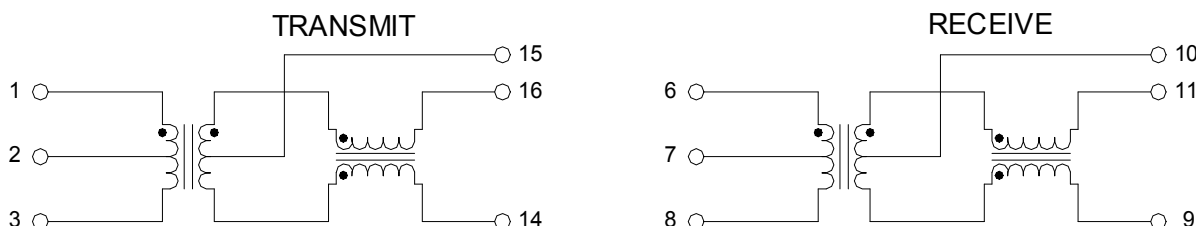
Part Number	Turns Ratio		Insertion Loss (dB Max)	Return Loss (dB TYP)			Differential to Common Mode Rejection (dB TYP)			Crosstalk (dB TYP)			Hi-Pot Vrms Min.
	TX	RX		30MHz	60MHz	80MHz	30MHz	50MHz	100MHz	30MHz	60MHz	100MHz	
TH16-1102	1:1	1:1	-1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500V

Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified, all tolerances are $\pm 0.10 / 0.25$

Schematics



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