

10/100 BASE-T Transformer



- 1) Meets IEEE 802.3 and ANSI X3.263 standards, including 350μH OCL with 8mA DC bias .
- 2) Designed for reflow soldering at peak temperatures 260°C.
- 3) Meets RoHS specified in the RoHS directive.
- 4) Compact footprint for use in the most space-restrictive applications .

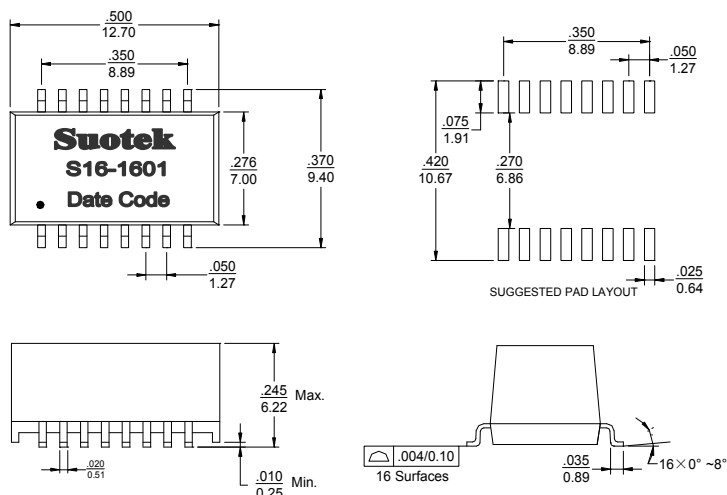


Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

S16-1601

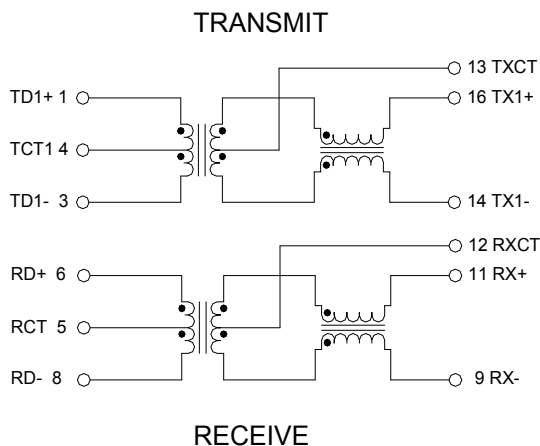
Part Number	Turns Ratio ±5%		Insertion Loss (dB Max)	Return Loss (dB TYP)				Differential to Common Mode Rejection (dB TYP)		Crosstalk (dB TYP)			Hi-Pot Vrms Min. (Pri : Sec)
	TX	RX		1-30MHz	40MHz	50MHz	60-80MHz	1-60MHz	60-100MHz	1-30MHz	30-50MHz	50-100MHz	
S16-1601	1:1	1:1	-1.1	-16	-14	-13	-10	-38	-30	-50	-40	-33	1500

Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified, all tolerances are ±.010 / 0.25

Schematics



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