

10/100 BASE-T Transformer



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

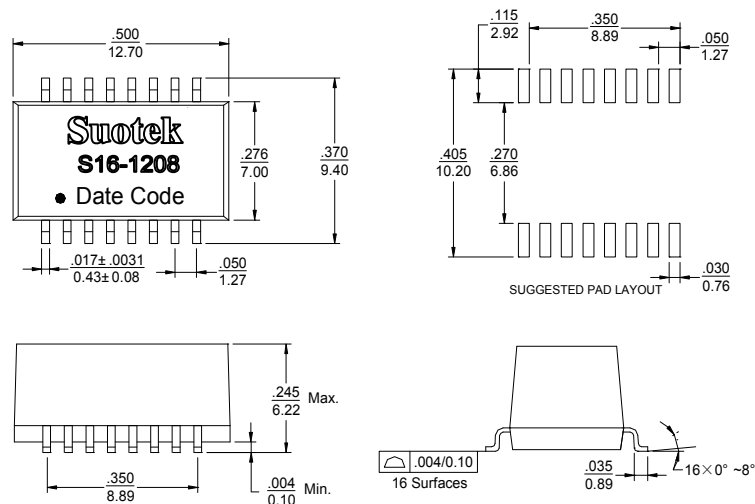


Electrical Specifications @ 25 $^{\circ}$ C --- Operating temperature 0 $^{\circ}$ C To 70 $^{\circ}$ C .

S16-1208

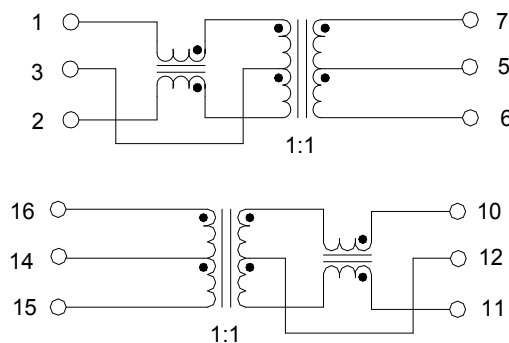
Part Number	Turns Ratio		Insertion Loss (dB Max)	Return Loss (dB TYP)			Differential to Common Mode Rejection (dB TYP)			Crosstalk (dB TYP)			Hi-Pot Vrms Min.
	TX	RX	0.1MHz~100MHz	30MHz	60MHz	80MHz	30MHz	50MHz	100MHz	30MHz	60MHz	100MHz	
S16-1208	1:1	1:1	-1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500

Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified, all tolerances are ± 0.010 / 0.25

Schematics



SUOTEK ELECTRONICS COMPANY LIMITED

Tel: 86-769-86318023 Fax : 86-769-86318022 Website: www.suotek.com E-mail: sales@suotek.com

Lan091