

Sunuprise Technology Ltd

10/100Base SMD Transformer For PoE application

Part Number: S16037P

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- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Operating temperature range : 0°C to +70°C.
- Storage temperature range: -25 °C to +125°C

Electrical Specifications @ 25°C

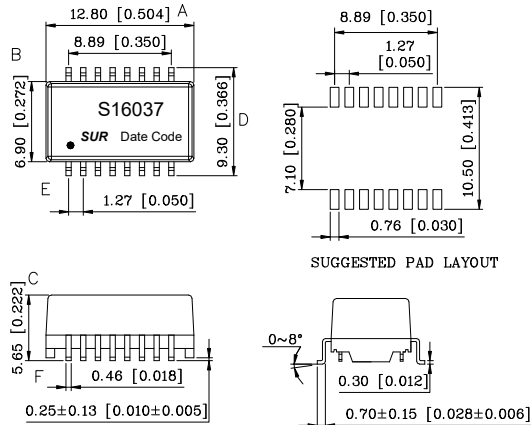
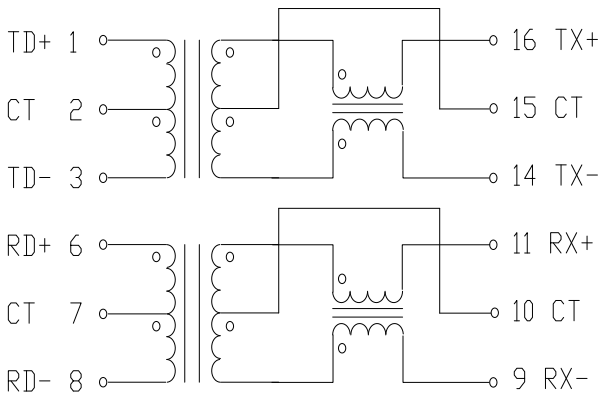
Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		0.3-100MHz	
S16037P	1CT:1CT	1CT:1CT	350	-1.15	1500

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Part Number	Return Loss (dB Min)			Cross Talk (dB Min)		DCMR (dB Min)		
	30MHz	60MHz	80MHz	1-60 MHz	60-100MHz	30 MHz	60 MHz	100MHz
S16037P	-18	-14	-12	-45	-35	-40	-35	-30

Schematics:

Mechanicals:

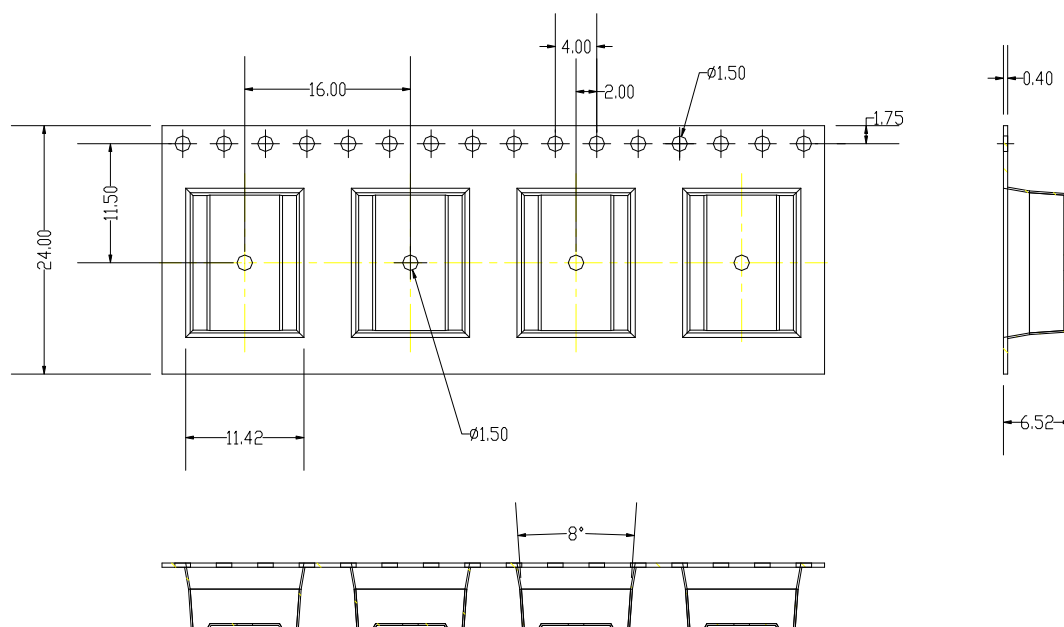


Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]
0.xx±0.05[0.002]

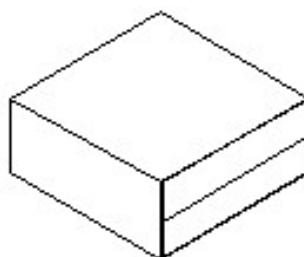
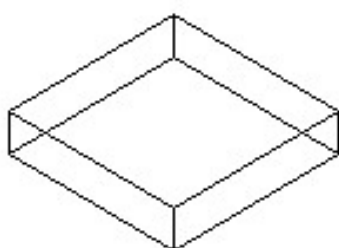
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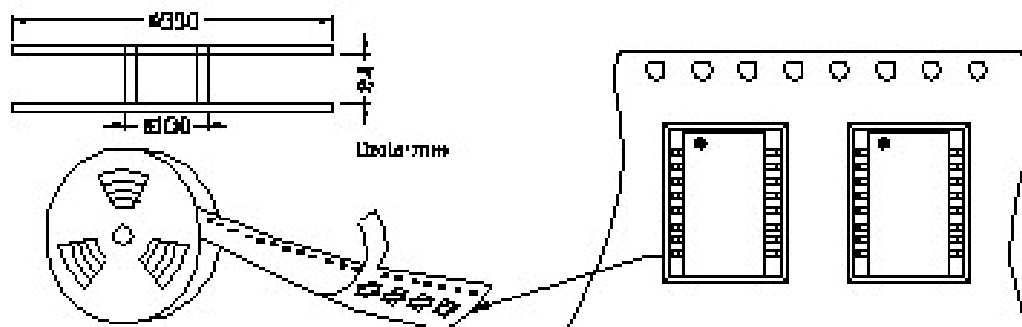


REEL MECHANICAL DIMENSION



INNER CARTON: 340mm(L) × 340mm(W) × 100mm(H)

EXPORT CARTON: 360mm(L) × 360mm(W) × 250mm(H)



- 1、ONE ROLL: 600PCS
- 2、INNER CARTON: 1800PCS
- 3、EXPORT CARTON: 3600PCS

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