

# Sunuprise Technology Ltd.

## 10/100Base SMD Transformer

Part Number: S12B02P

- Compliant with IEEE 802.3at standard.
- RoHS compliant.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -20°C to +125°C

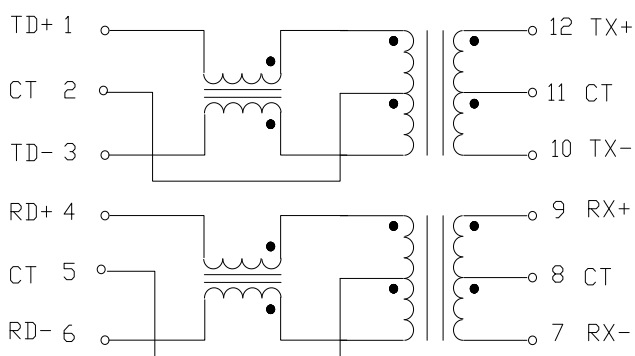
### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)		OCL(μH Min) @100KHz/0.1V with 36.0mA DC	Insertion Loss (dB Max) 1-100MHz	HI-POT (Vrms) 1500
	TX	RX			
S12B02P	1CT:1CT	1CT:1CT	350	-1.0	1500

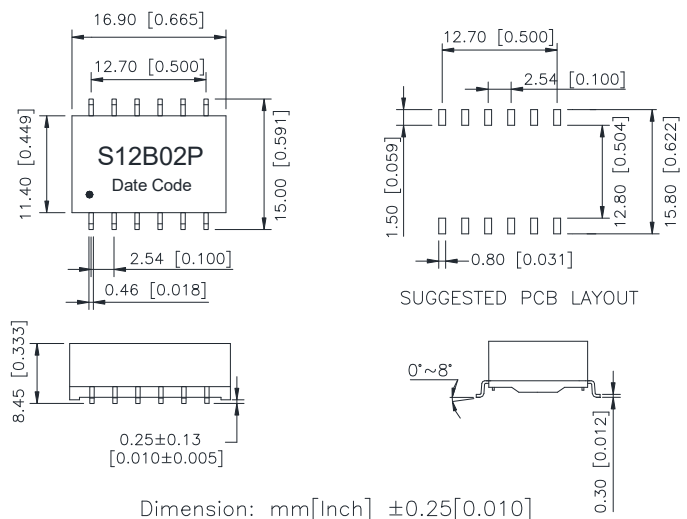
### Continue

Part Number	Return Loss (dB Min)				Cross Talk (dB Min)			CMRR (dB Min)		
	1-30 MHz	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz
S12B02P	-18	-16	-12	-10	-35	-35	-35	-33	-33	-33

### Schematics:



### Mechanicals:



R0(02/17)

Tel: +86-816-5019526/0-18508164900 E-mail: Johnhubei@163.com