

**P/N: 12ST0025P DATA SHEET**

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**Feature**

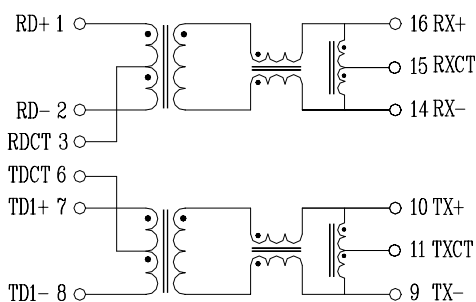
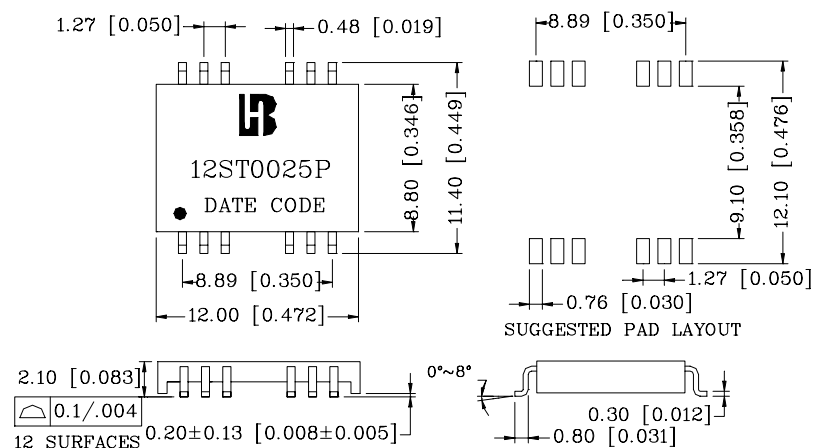
- Meets all IEEE802.3 and ANSI X3.263 standards including 350uH OCL with 8mA Bias.
- Compatible with Intel, TDK, QSI, and ICS.
- Low profile packages from .094"(2.39mm) to .078"(1.98mm) for PC Card and Card bus applications.
- Operating Temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .

**Electrical Specifications @ 25°C**

Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V	C <sub>w/w</sub> (pF Max)	L.L. (uH Max)	HI-POT 0.5mA (Vrms)
	TX	RX				
12ST0025P	1CT:1	1CT:1	350	28	0.6	1500

**Continue**

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)			DCMR (dB Min)		
		0.3-100 MHz	30MHz	60MHz	80MHz	30MHz	62MHz	100MHz	30MHz	50MHz
12ST0025P	-1.0	-18	-14	-12	-50	-45	-40	-40	-35	-30

**Schematic****Mechanical**

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