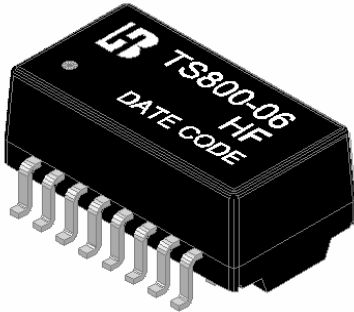


**10 BASE-T SMD ETHERNET  
TRANSFORMER  
P/N:TS800-06 HF DATA SHEET**



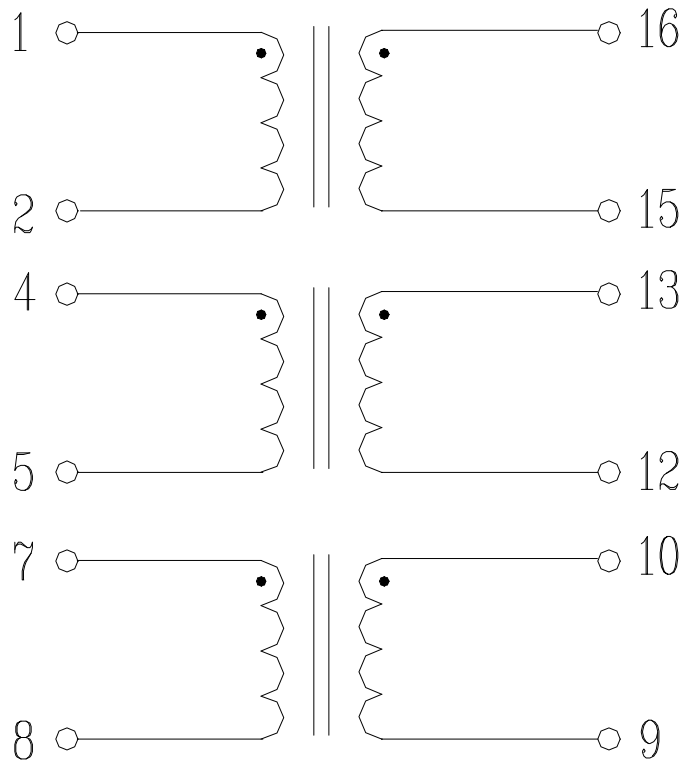
**Feature**



- IEEE 802.3 (10 BASE5/10BASE 2) and ECMA compatible.
- 16 PIN SMD package.
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +85°C.

Electrical Specifications @ 25°C								
Part Number	Turns Ratio (±5%)		OCL (uH) @100KHz/0.1Vrms	L.L (uH Max)	C <sub>WW</sub> (PF Max)	DCR (Ω Max)	Pri pins	HI-POT (Vrms)
	TX	RX						
TS800-06 HF	1: 1	1: 1	100 min	0.3	10	0.4	(1-2)&(4-5)&(7-8)	1500

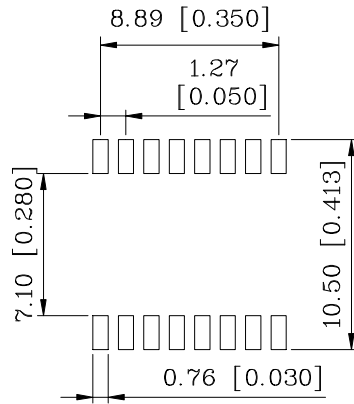
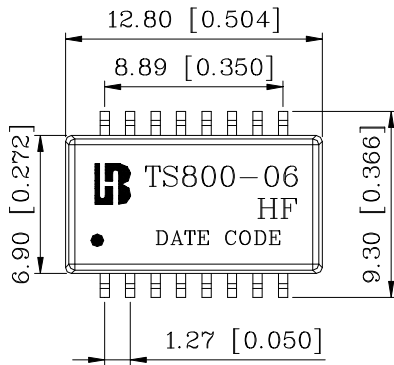
**Schematic**



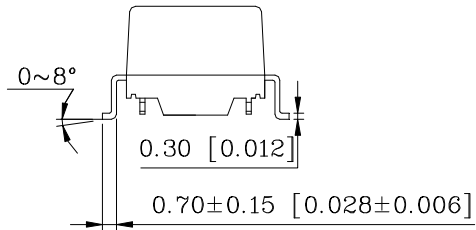
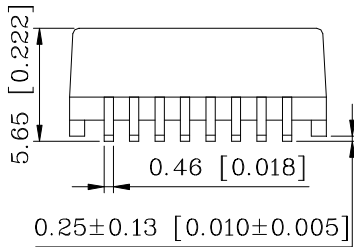
**10 BASE-T SMD ETHERNET  
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**Mechanical**



SUGGESTED PAD LAYOUT



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