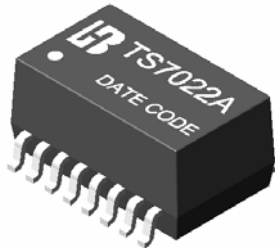


# 10 BASE-T ISOLATION TRANSFORMER

## P/N: TS7022A DATA SHEET

### Feature

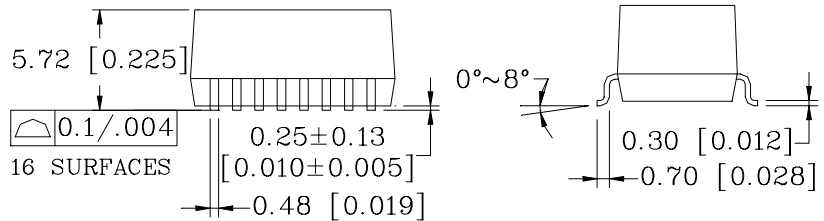
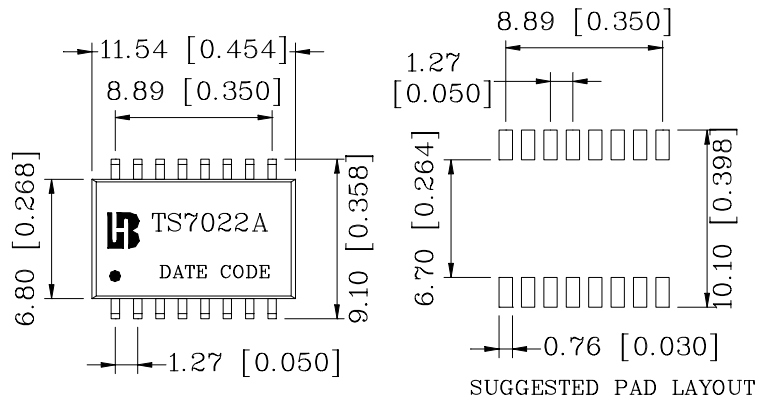
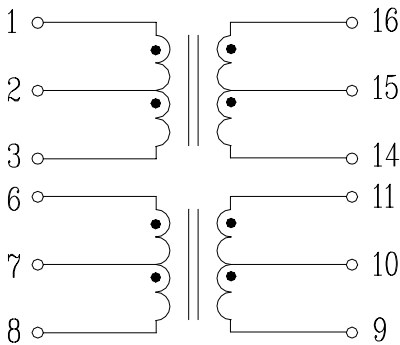


- 16 PIN SMD isolation modules to meet the isolation and impedance matching Requirement of IEEE 802.3 for 10 BASE-T .
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C						
Part Number	Turns Ratio(±3%)		PRI OCL (uH Min)		PRI/SEC C <sub>ww</sub> (pF Max)	PRI L.L (uH Max)
	(1-3):(16-14)	(6-8):(11-9)	1-3	6-8		
TS7022A	1CT: 1CT	1CT:2CT	140	25	15	0.4
Continue						
Part Number	PRI DCR( Ω Max)	Insulation Resistance (MΩ)	PRI pins		PRI/SEC HI-POT (Vrms)	
TS7022A	0.3	10,000	(1-3) & (6-8)		2000	

### Schematic

### Mechanical



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