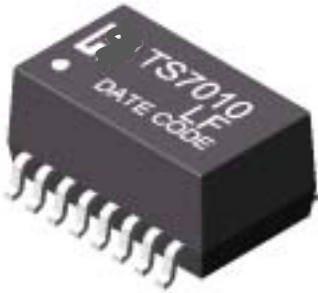


10 BASE-T SMD ETHERNET TRANSFORMER

P/N: UE-TS7010 LF



Feature



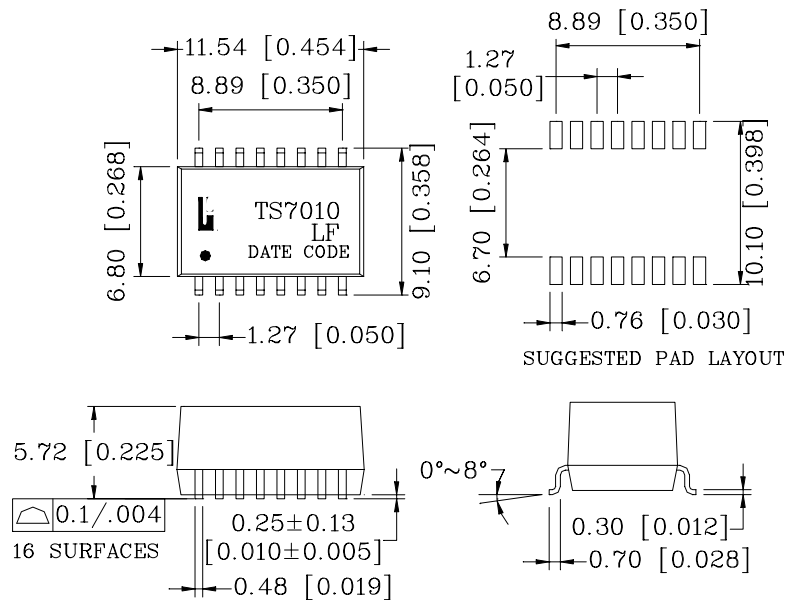
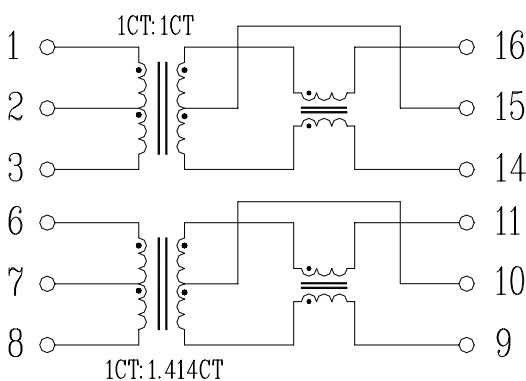
- 16 PIN SMD package to compliant with IEEE 802.3 standard.
- With common choke to meet FCC Class B & CISPR B.
- Model is available to interface with 10 BASE-T transceivers.
- Compatible with IR oven processes.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020-C.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number:UE-	Turns Ratio		Pri OCL (uH Min)	L.L (uH Max)	C _{ww} (pF Max)	Pri DCR (Ω Max)	HI-POT (Vrms)	PRI Pins
	(1-3):(16-14)	(6-8):(11-9)						
TS7010 LF	1CT: 1CT	1CT: 1.414CT	140	0.40	20	0.90	2000	(1-3)&(6-8)

Schematic

Mechanical



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