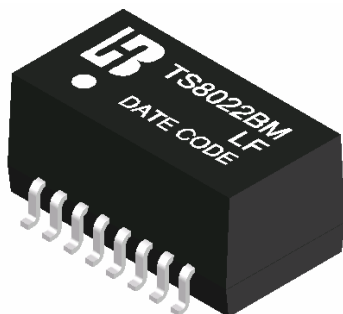


**10 BASE-T SMD ETHERNET TRANSFORMER****P/N:TS8022BM LF DATA SHEET**

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Feature

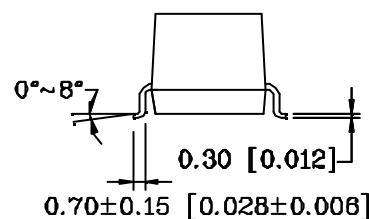
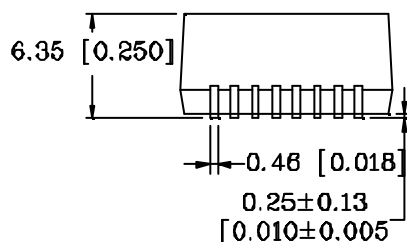
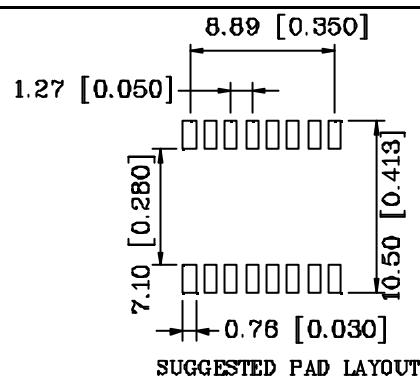
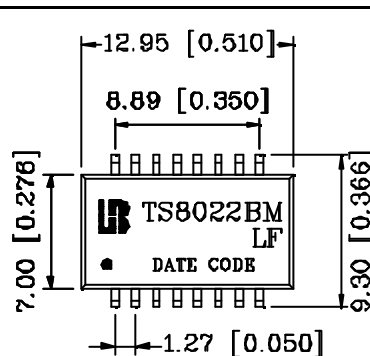
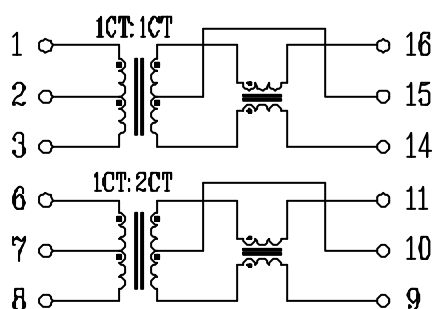
- 16 PINS, SMD package to compliant with IEEE802. 3 standard.
- Model is available to interface with 10 BASE-T transceivers.
- Compatible with IR oven processes.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Operation temperature range: -40°C to +85°C.
- Storage temperature range: -40 to +125 .

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		PRI OCL (uH Min) @100KHz/50mV	PRI L.L (uH Max) @100KHz/50mV
	(1-3):(16-14)	(6-8):(11-9)		
TS8022BM LF	1CT:1CT	1CT:2CT	140	0.4

Continue

Part Number	C _{WV} (pF Max) @100KHz/50mV	PRI DCR (Ω Max)	PRI Pins	HI-POT PRI/SEC
TS8022BM LF	15	0.4	(1-3)&(6-8)	2000Vrms/1mA

Schematic**Mechanical**

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