



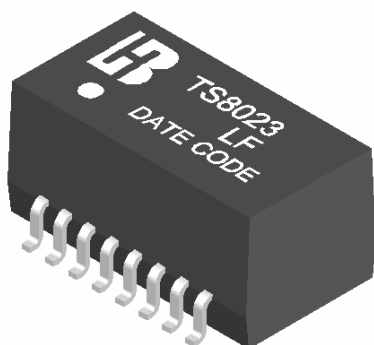
TS8023 LF

ISOLATION TRANSFORMER FOR 10 BASE-T

P/N: TS8023 LF DATA SHEET

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Feature



- Designed to Meet or exceed IEEE 802.3, 10 BASE-T Specifications.
- Surface mount, IC grade, transfer-molded package withstands 235 °C peak temperature profile.
- Available with common mode chokes for EMI suppression.
- 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 020C.
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25 °C to +125 °C.

Electrical Specifications @ 25°C

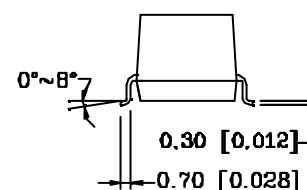
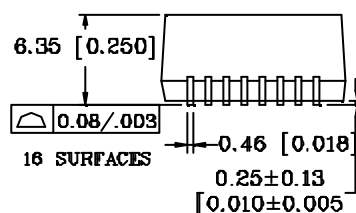
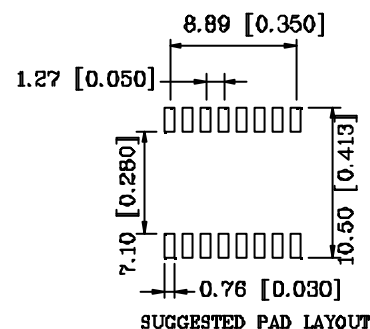
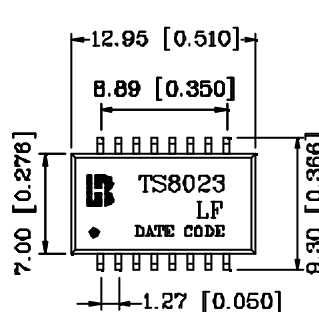
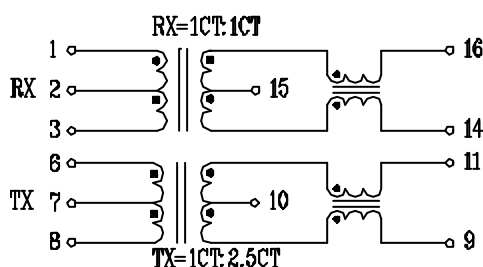
Part Number	Turns Ratio(±5%)		Sine Wave Inductance (uH Min)	CW/W (pF Max)
	TX	RX		
TS8023 LF	1CT: 2.5CT	1CT: 1CT	200	15

Continue

Part Number	L.L (uH Max)	DCR (Ω max)	PRI pins	HI-POT (Vrms)
TS8023 LF	0.5	0.4	(6-8)& (1-3)	2000

Schematic

Mechanical



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