

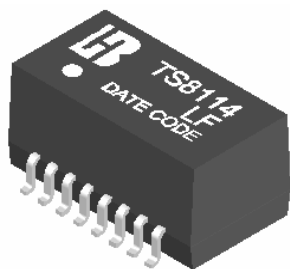


TS81114 LF

Bothhandusa.com

10 /100 BASE PULSE TRANSFORMER**P/N:TS8114 LF DATA SHEET**

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Feature

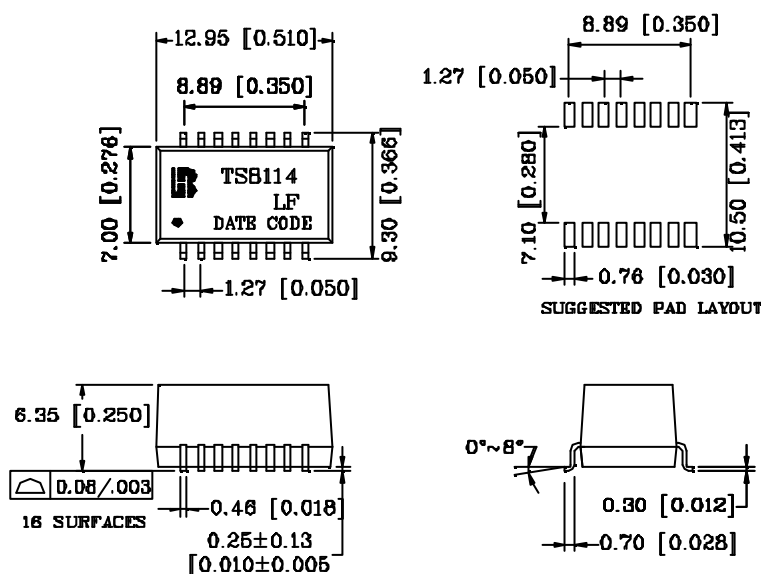
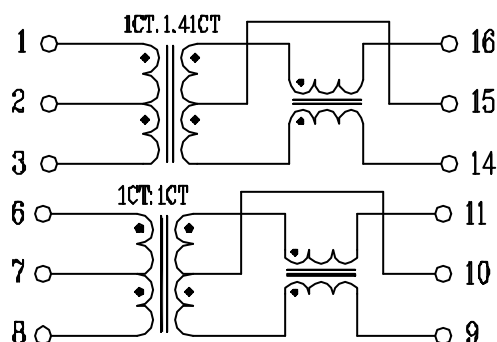
- Designed to meet IEEE802.3u requirement, including 350uH OCL with 8mA bias.
- Designed for reflow soldering at temperature up to 235 .
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020C.
- Operating temperature range:0 to +70 .
- Storage temperature range:-25 to +125 .

Electrical Specifications @ 25°C

Part Number	Turns Ratio(±3%)		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	C _{ww} (pF Max)	L.L (uH Max)	PRI PINS	PRI DCR (Ω Max)
	1-3:16-14	6-8:11-9					
TS8114 LF	1CT:1.41CT	1CT:1CT	350	28	0.6	(1-3)&(6-8)	0.9

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min)			HI-POT (Vrms)
	0.3-100 MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz	
TS8114 LF	-1.1	-18	-14.5	-13.6	-12	-45	-35	-40	-35	-30	1500

Schematic**Mechanical**

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