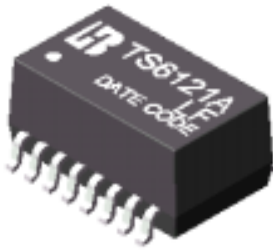




P/N: TS6121A LF DATA SHEET

Feature

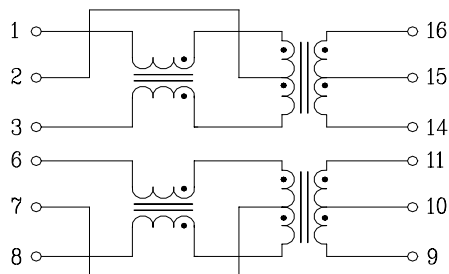


- Designed to meet IEEE 802.3u requirement, including 350uH OCL with 8mA bias.
- Lead free for external pins.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .

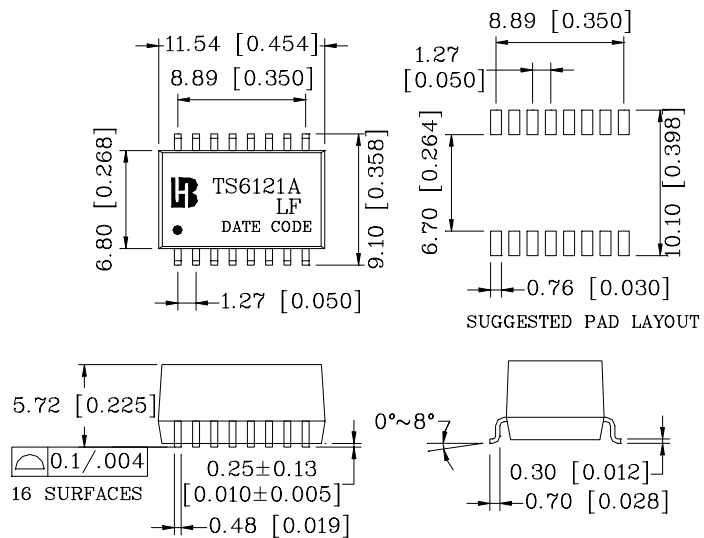
| Electrical Specifications @ 25°C | | | | | | | | |
|----------------------------------|-------------|----------|---|-----------------------------|-----------------|---------------|------------|------------------|
| Part Number | Turns Ratio | | OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias | C _{WW} (pF Max) | L.L (uH Max) | DCR (Max) | | HI-POT (Vrms) |
| | 1-3:16-14 | 6-8:11-9 | | | | 1-3/6-8 | 16-14/11-9 | |
| TS6121A LF | 1CT:1CT | 1CT:1CT | 350 | 28 | 0.5 | 1.1 | 0.9 | 1500 |

| Continue | | | | | | | | | | |
|-------------|----------------------------|-------------------------|-------|-------|----------|------------------------|-----------|------------------|-------|--------|
| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min) | | | | Cross talk (dB Min) | | DCMR (dB Min) | | |
| | 0.3-100 MHz | 0.3-30MHz | 40MHz | 50MHz | 60-80MHz | 0.3-60MHz | 60-100MHz | 30MHz | 60MHz | 100MHz |
| TS6121A LF | -1.1 | -18 | -15.5 | -13 | -12 | -45 | -35 | -40 | -35 | -30 |

Schematic



Mechanical



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