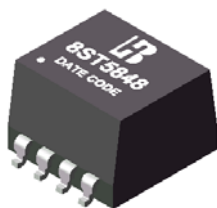


**TRANSFORMER FOR ECHELON® NEURON® ICs****P/N: 8ST5848 DATA SHEET**

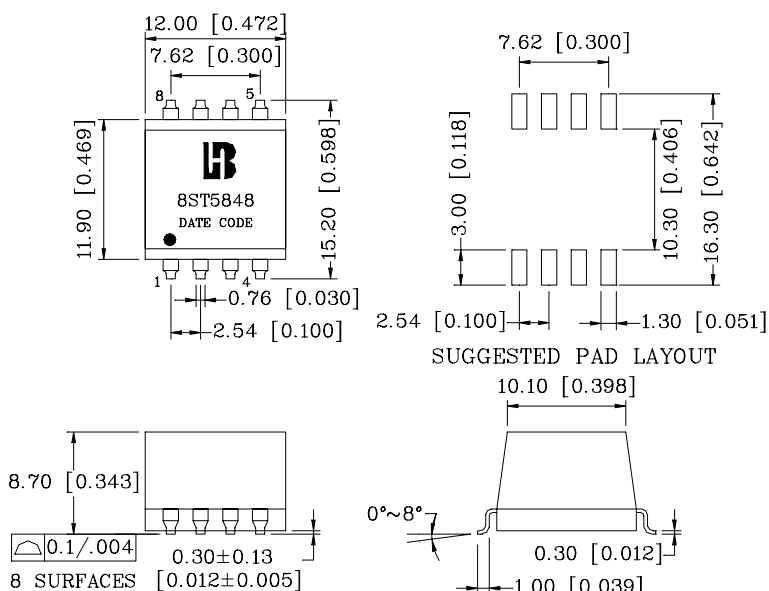
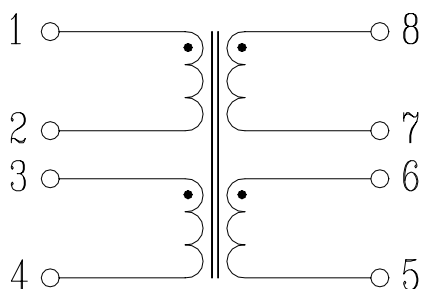
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Feature

- Developed for Use with 3120™ & 3150™ chips Produced by Motorola and Toshiba.
- For 1.25Mbps twisted pair applications.
- Provides 1500 Vrms isolation for 1 minute.
- Surface mount package.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL (mH Min)	DCR (Ω Max)	PRI Pins	HI-POT (Vrms)
8ST5848	1:1	3.5-6.5	1.0	8-5	1500

Schematic**Mechanical**

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