

# SURFACE MOUNT 10BASE-T INTERFACE MODULE

## Designed for Level One's LXT907



- ⊕ Integrated for adapter, hub, and motherboard applications
- ⊕ Designed to meet IEEE 802.3 10Base-T specifications
- ⊕ Low profile, surface mount package
- ⊕ 235°C peak solder reflow temperature rating

### Electrical Specifications @ 25°C — Operating Temperature 0°C to +70°C

Part Number	Insertion Loss to 10MHz (db MAX)	Attenuation (dB MIN) XMIT			Return Loss 5 to 10 MHz (dB MIN)		Crosstalk (dB MIN) 5-10 MHz	Common Mode Rejection (dB MIN) XMIT					Hi-Pot (Vrms MIN)
		30 MHz	50 MHz	70 MHz	100 Ω	98 ± 13 Ω		30 MHz	50 MHz	100 MHz	200 MHz	500 MHz	
E2015	-1.2	-24	-30	-35	-18	-15	-35	-45	-40	-30	-20	-10	1500

U.S. Patent No. 5,015,981

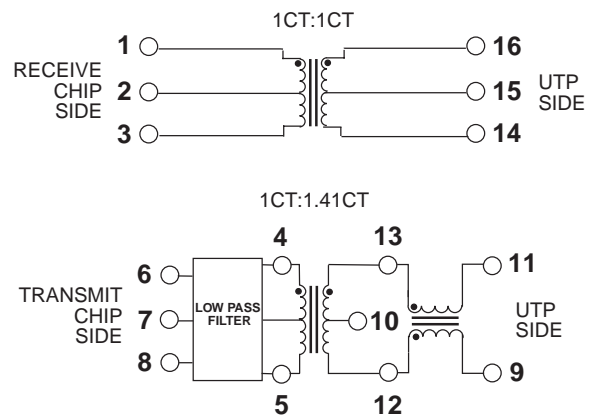
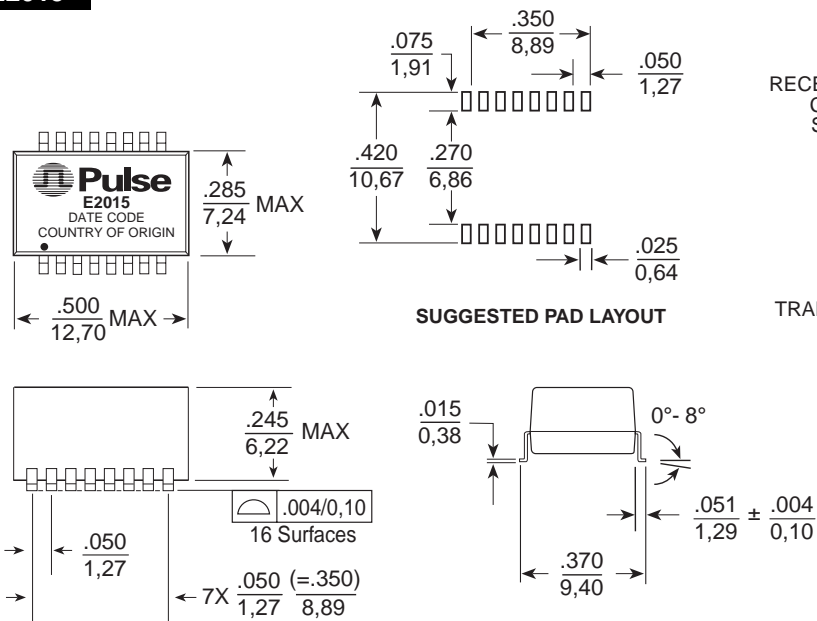
#### NOTE:

1. For Tape & Reel packaging add a "T" suffix to the part number (i.e.: E2015T).
2. XMIT = Transmit Channel

### Mechanical

### Schematic

#### E2015



Weight ..... 1.1 grams  
Tape & Reel ..... 600/reel  
Tube ..... 40/tube

Dimensions: Inches  
mm

Unless otherwise specified, all tolerances are ± .010  
0,25

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