



- Optimized for 1Mbps Isolated Serial Communications
- Creepage Distance: > 5mm
- RoHS Compliant
- AEC-Q200 Compliant
- 1000 VDC Working Voltage
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +125°C

### Electrical Specifications @25°C

Inductance <sup>1,2</sup> ( $\mu$ H $\pm$ 50%)	Leakage Inductance <sup>1</sup> ( $\mu$ H Max.)	DCR ( $\Omega$ Max.)		Turns Ratio Pri. : Sec.	Insulation Resistance <sup>3</sup> (M $\Omega$ Min.)	Isolation (Vrms) Pri. To Sec.
		Pins 1-3	Pins 4-6			
Pins 1-3	Pins 1-3 with 4 & 6 shorted	Pins 1-3	Pins 4-6			
300	0.5	0.45	0.85	1 : 1	4000	2500

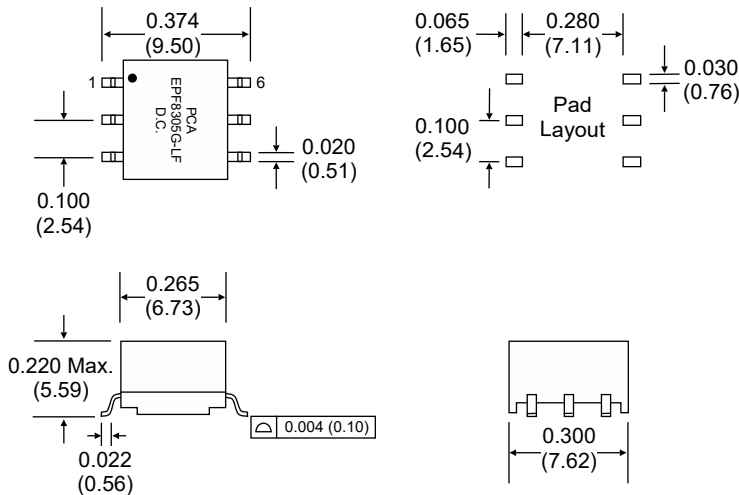
  

Insertion Loss (dB Max.)	Return Loss (dB Min.)	Common Mode Rejection Ratio (dB Min.)	
		1 MHz - 10 MHz	10 MHz -100 MHz
@ 4 MHz	@ 4 MHz	1 MHz - 10 MHz	10 MHz -100 MHz
-0.25	-20	-35	-20

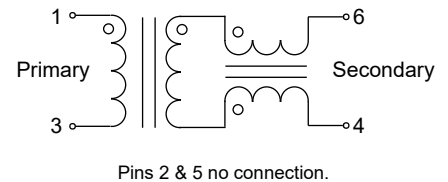
**Notes:**

1. Measured at 100 kHz, 0.1 Vrms
2. Meets Inductance range from -40°C to +125°C
3. Measured at 1000 VDC

### Dimensions



### Schematic



- Product weight: 0.42 grams
- Lead Finish: Hot Dipped Sn or SnCu
- Moisture sensitivity level: 1
- Resistance to solder heat: 245°C
- Ordering Information:  
Tape & Reel (1000 pieces / 13" Reel)

Unless Otherwise Specified Dimensions are in Inches /mm  $\pm$  .010 / .25

Product performance is limited to specified parameters. Data is subject to change without prior notice.