



- Optimized for 1Mbps Isolated Serial Communications
- Creepage Distance: > 10 mm
- RoHS Compliant
- AEC-Q200 Compliant
- 1600 VDC Working Voltage
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +125°C

Electrical Specifications @25°C

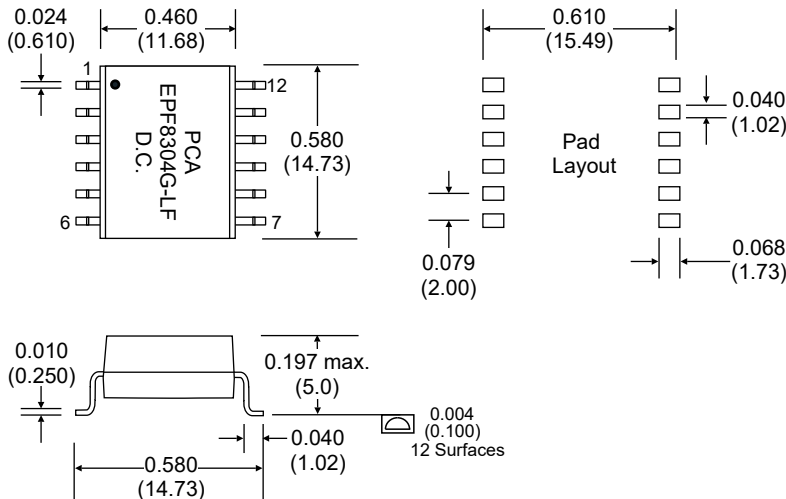
Inductance ^{1,2} ($\mu\text{H} \pm 50\%$)	Leakage Inductance ¹ ($\mu\text{H} \text{ Max.}$)	DCR ($\Omega \text{ Max.}$)		Turns Ratio Pri. : Sec.	Insulation Resistance ³ (M Ω Min.)	Isolation (Vrms)
		Primary	Secondary			
Primary	Primary with Secs. Shorted	Primary	Secondary	Pri. : Sec.	Pri. To Sec.	Pri. To Sec.
300	0.5	0.45	0.85	1 : 1	4000	3100

Insertion Loss (dB Max.)	Return Loss (dB Min.)	Crosstalk (dB Min.)	Common Mode Rejection Ratio (dB Min.)	
			1 MHz - 10 MHz	10 MHz -100 MHz
@ 4 MHz	@ 4 MHz	@ 4 MHz	1 MHz - 10 MHz	10 MHz -100 MHz
-0.25	-20	-50	-35	-20

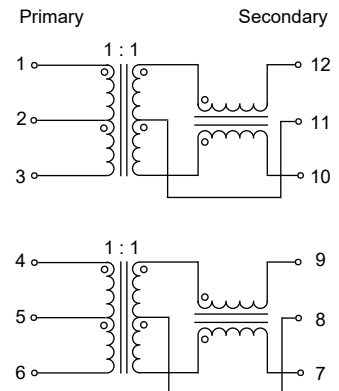
Notes:

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: 1.05 grams
- Lead Finish: Hot Dipped Sn or SnCu
- Moisture sensitivity level: 1
- Resistance to solder heat: 245°C
- Ordering Information:
Tape & Reel (400 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.