

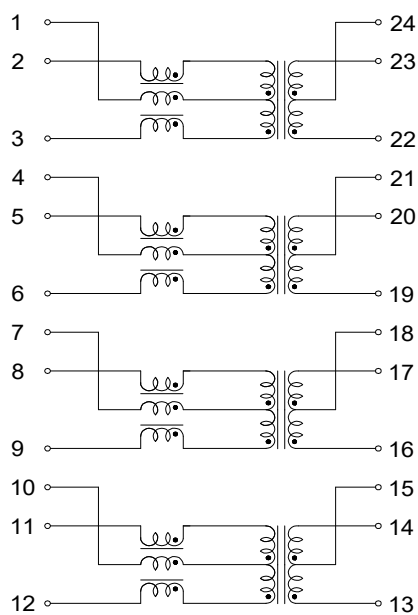
Feature

- Suitable for PoE applications.
- 2.5G BASE-T Ethernet Magnetics.
- Comply with ROHS requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -20°C to +125°C.

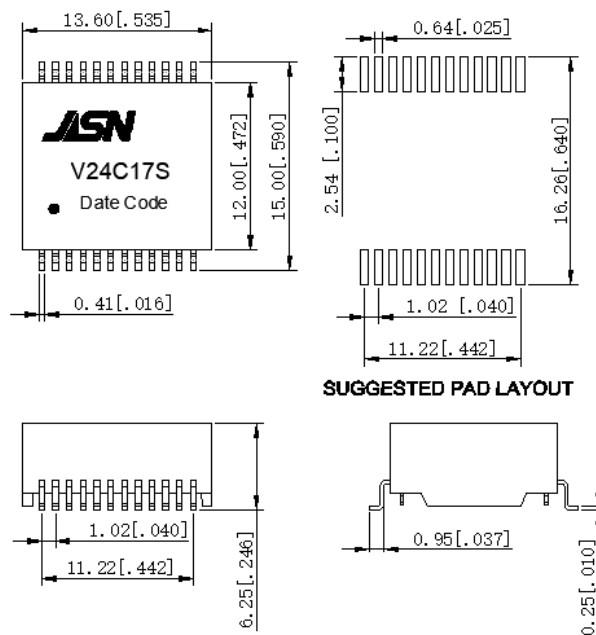
Electrical Specifications @ 25°C

OCL:	180uH Min. @100KHz/0.1V	
Hi-POT :	1500Vrms	
Turn Ratio:	1:1±2%	
LK:	0.5uH Max @100KHz/0.2V	
Cw/w	35PF Max @100KHz/0.2V	
D.C.R:	1.2 ohm Max	
Insertion Loss:	1-50MHZ	50-125MHZ
	-0.5dB Max	-1.0dB Max
Cross Talk :	1-125MHz: -39dB Min	
Return Loss:	1-40MHz	40-200MHz
	-20dB Min	-20+ 15*Log10(f/40) dB Min
CMR(dB TYP)	30-200MHz: -30dB	
CDMR(dB TYP)	10-125MHz: -45+ f/35dB	

Schematic



Mechanical



1. Unit mm[inch]
2. Unless otherwise specified, all tolerances are ±0.25[.01]
3. Coplanarity:0.1[.004]