

# 10/100BASE-T QUAD TRANSFORMER MODULES

- ◆ Compliant with IEEE802.3 and ANSI X3.263 standards  
Including 350uH OCL with 8mA Bias.
- ◆ Quad Channel Interface For 10/100 Mbps Ethernet Applications
- ◆ Comply With ROHS

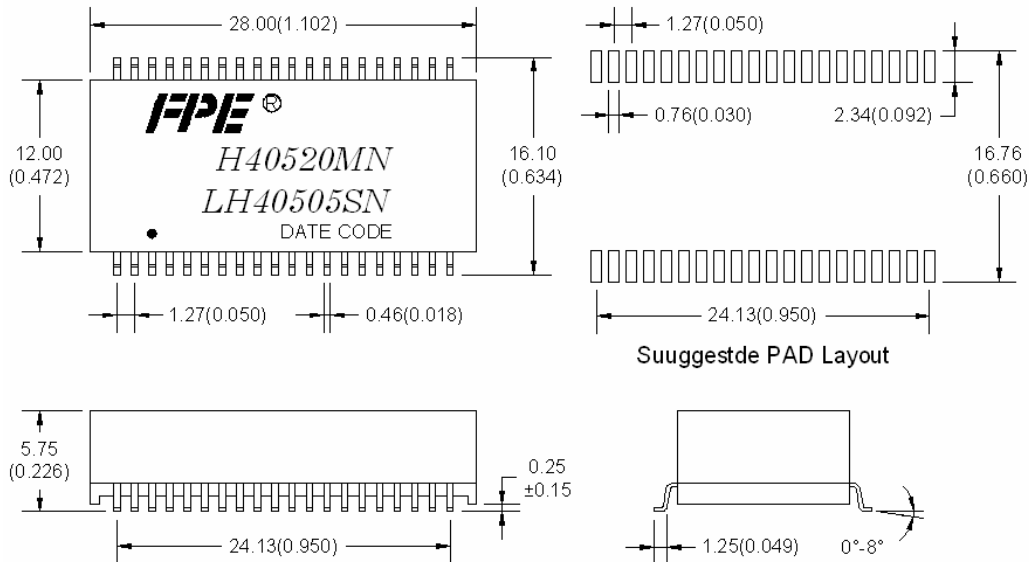


## ELECTRICAL SPECIFICATIONS@25°C (Operating Temperature :0°C to 70°C)

Part Number	Turns Ratio ±5%	Insertion Loss(dB max) 1-100MHz	Return Loss (dB min)			CMRR (dB min)			Cross Talk (dB min)			Hipot (vrms)
			1-30 MHz	30-60 MHz	60-80 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-30 MHz	30-60 MHz	60-100 MHz	
H40520MN	1:1	-1.0	-18	-14	-12	-40	-35	-30	-45	-35	-30	1500
LH40505SN	1:1	-1.0	-18	-14	-12	-40	-35	-30	-45	-35	-30	1500

## MECHANICAL

### H40520MN, LH40505SN



Units:mm(Inches) Tolerance:xx.x0±0.25(0.010) Weight.....2.40g TYP  
0.xx±0.05(0.002) Reel.....350Pcs

## 10/100BASE-T QUAD TRANSFORMER MODULES

### SCHEMATICS

**H40520MN, LH40505SN**