

10/100 BASE-T PULSE TRANSFORMERS FOR AUTOMOBILE

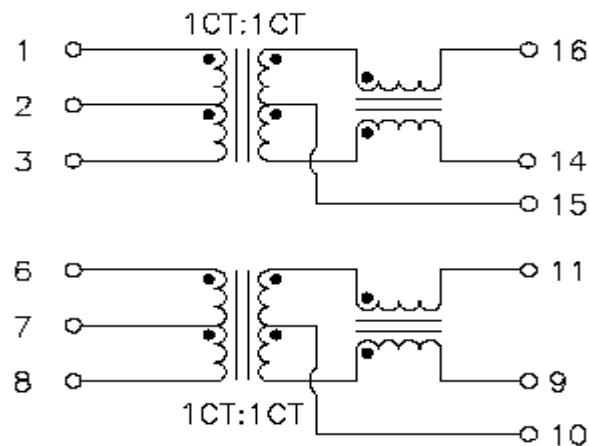
Features:

- Compatible With Various 10/100TX Transceiver Requiring 1:1 Transmit and 1:1 Receive Turn Ratio
- all IEEE 802.3 and ANSI X3.263 standard including 350 uH OCL with 8 mA bias
- Lan transformer for automobile
- Operating temperature -40°C to +85°C
- Minimum interwinding breakdown voltage of 2500Vrms

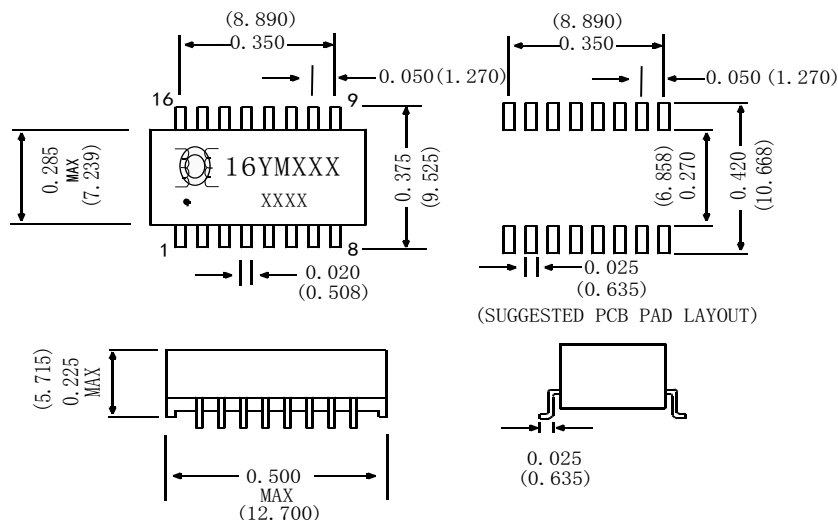
Electrical Specifications @ 25°C

Part Number	Insertion Loss (dB Max)	Return Loss (dB min)			CMRR (dB min)	Crosstalk (dB min)		
	0.1MHz to 100MHz	0.1MHz to 30MHz	60M Hz	80MHz	0.1MHz to 100MHz	30MHz	60MHz	100MHz
16YM003	-1.1	-16	-14	-11.5	-38	-45	-40	-35

Schematics



Mechanicals



NOTE: Dimensions: inches/(mm) unless otherwise specified all tolerances are $\pm 0.010(0.25)$