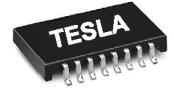


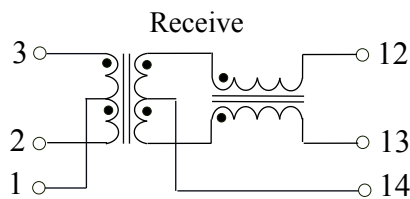
# 10/100Base-Tx Single Port Transformer TE2001

- Optimized for leading IC manufacturers per IEEE 802.3 10/100Base-Tx Standard
- 350  $\mu$ H with 8 mA DC bias
- Operating Temperature: 0°C - 70°C

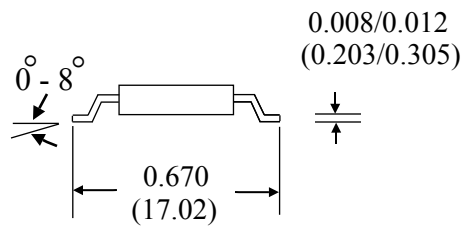
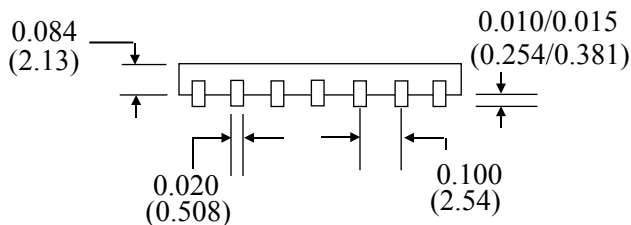
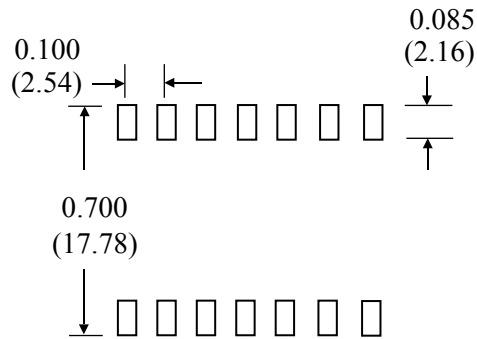
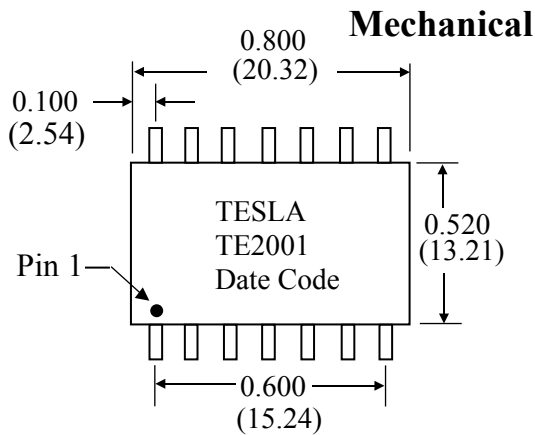
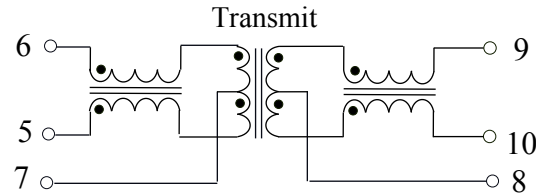


## ELECTRICAL SPECIFICATIONS @ 25°C

OCL	Insertion Loss (dB Max.)			Return Loss (dB Min.)			CMRR (dB Min.)			Crosstalk (dB Min.)
	1-80 MHz	100 MHz	160 MHz	1-30 MHz	60 MHz	80 MHz	1-30 MHz	60 MHz	100 MHz	1-100 MHz
	Xmt/Rcv	Xmt/Rcv	Xmt/Rcv	Xmt/Rcv	Xmt/Rcv	Xmt/Rcv	Xmt/Rcv	Xmt/Rcv	Xmt/Rcv	Xmt - Rcv
100 kHz, 0.1 Vrms With 8 mA DC Bias										
350 $\mu$ H	-1.5/-1	-2/-1.5	-3/-2.5	-14	-12	-10	-40	-35	-30	-40



### Schematic



Unless otherwise specified dimensions are in inches/mm  $\pm$  0.010/0.25