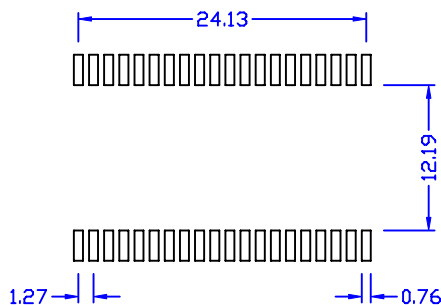
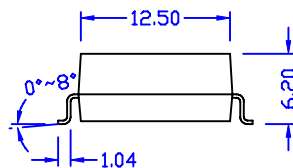
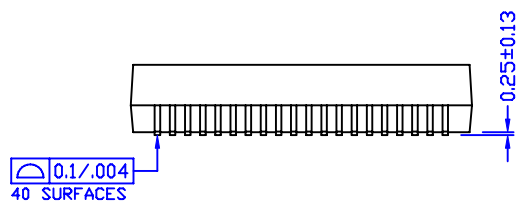
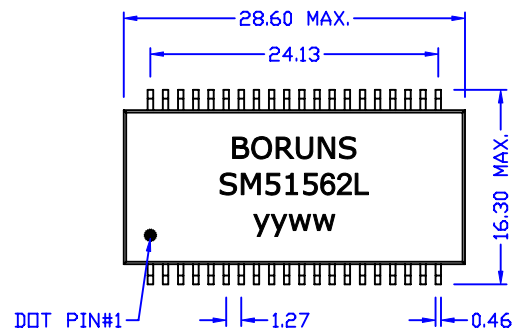
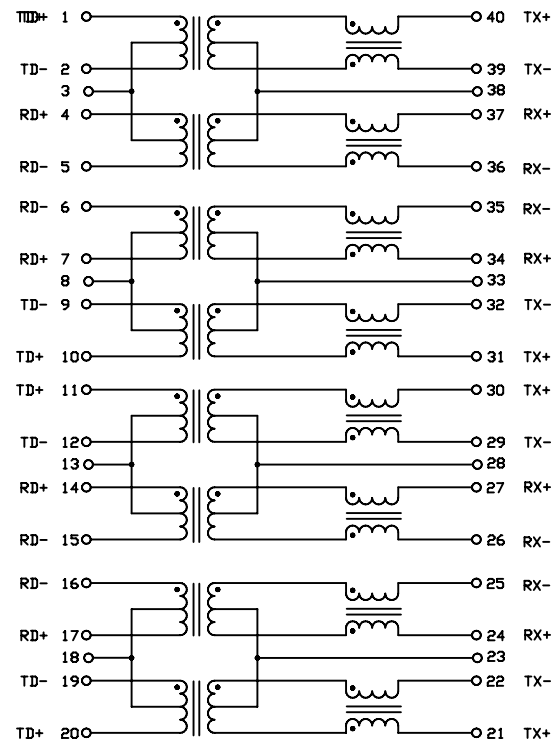




SUGGESTED PAD LAYOUT

DIMENSIONS : mm
UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.25



ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO PRI : SEC (±3%) :
TX = 1 CT : 1 CT
RX = 1 CT : 1 CT
2. DCL(@100KHZ 0.1Vrms 8mA DC/BIAS) : 350uH MIN.
3. L.L(@100KHZ 0.1Vrms) : 0.4uH MAX.
4. CW/W(@100KHZ 0.1Vrms) : 56pF MAX.
5. INSERTION LOSS : 0.1 -100MHZ = -1.4dB MAX.
6. RETURN LOSS : 2-30MHZ = -18dB MIN.
40 MHZ = -14.4 db MIN.
50 MHZ = -13.1 dB MIN.
60-80MHZ = -12 dB MIN.
7. CROSS TALK : 1KHZ = -55dB MIN.
30 MHZ = -45 dB MIN.
60 MHZ = -40 dB MIN.
100 MHZ = -33 dB MIN.
8. DCMR : 1-60 MHZ = -37 dB MIN.
60-200 MHZ = -25dB MIN.
9. HI-POT : 1500Vrms
10. RoHS COMPLIANT

						Bourns Inductive Solution		TITLE 10/100 BASE TRANSFORMER	
								DWG. NO. SM51562L	
	RELEASE	09/17 2007	Pair	Angel	Eugene	UNITS: M/M	SAFETY		SHEET 1 OF 1
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:		DRAW <i>Pair</i>
REVISIONS						09/17/07			