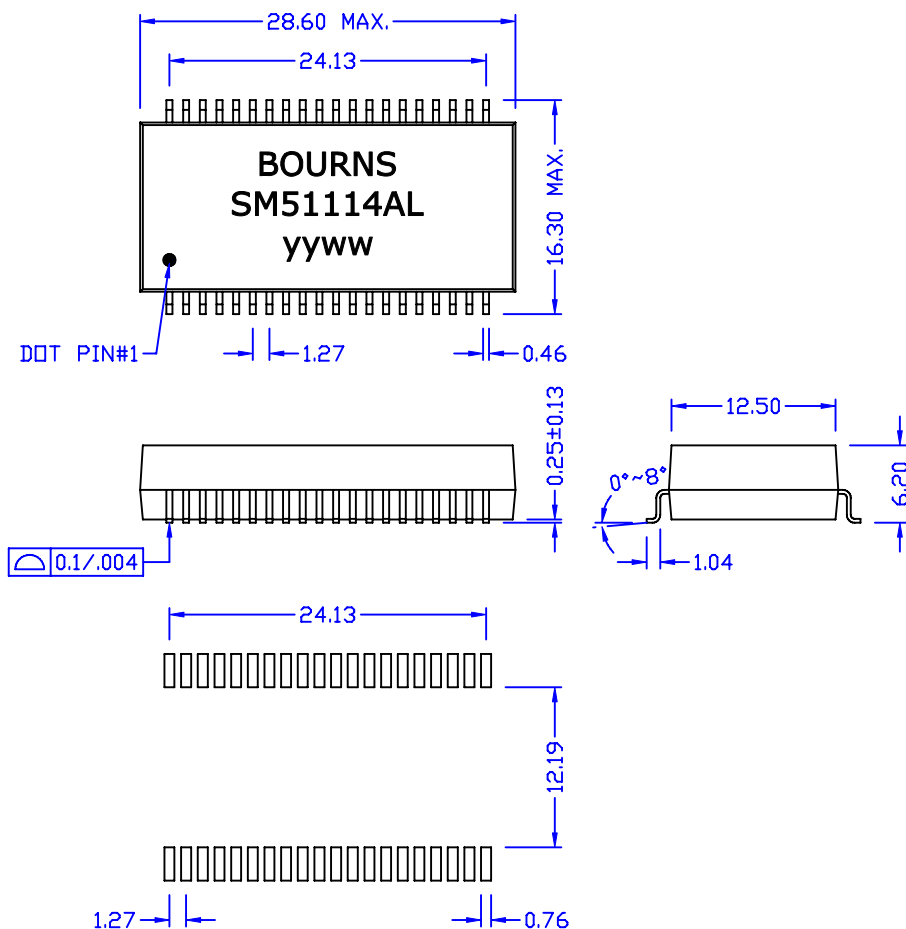
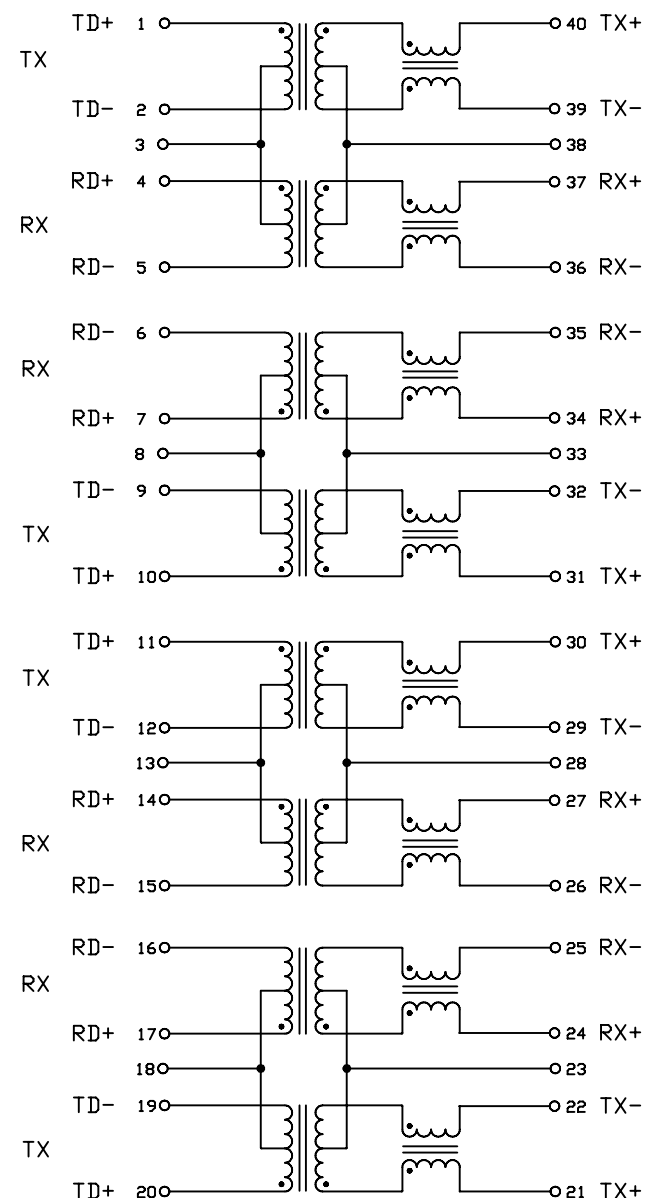




DIMENSIONS : mm
UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.25

ELECTRICAL CHARACTERISTICS :

- INSULATION HI-POT(PRI./SEC.) : 1500Vrms
- TURN RATIO ($\pm 5\%$) : TX = 1CT : 1CT
RX = 1CT : 1CT
- ϕ CL : 350uH MIN. 100KHZ/0.1V AT 8MA DC BIAS
- CW/W : 56pF MAX.
- LEAKAGE INDUCTANCE : 0.4uH MAX.
- INSERTION LOSS : 0.1-100MHZ = -1dB MAX.
- RETURN LOSS (dB MIN.) : 2-30MHZ 40MHZ 50MHZ 60-80MHZ
-18 -14.5 -13.5 -12
- CROSS TALK (dB MIN.) : 1KHZ 30MHZ 60MHZ 100MHZ
-65 -50 -40 -33
- RISE TIME : 3.0nS MAX.
- COMMON MODE REJECTION : 1-60MHZ = -37dB MIN.
60-200MHZ = -25dB MIN.
- RoHS COMPLIANT



						Bourns Inductive Solution		TITLE 10/100 BASE-TX TRANSFORMER	
								DWG. NO. SM51114AEL	
	RELEASE	11/23/2007	PAIR	AL	EUGENE	UNITS: M/M	SAFETY		SHEET 1 OF 1
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:		DRAW <i>Pair</i>
REVISIONS						11/23/07			