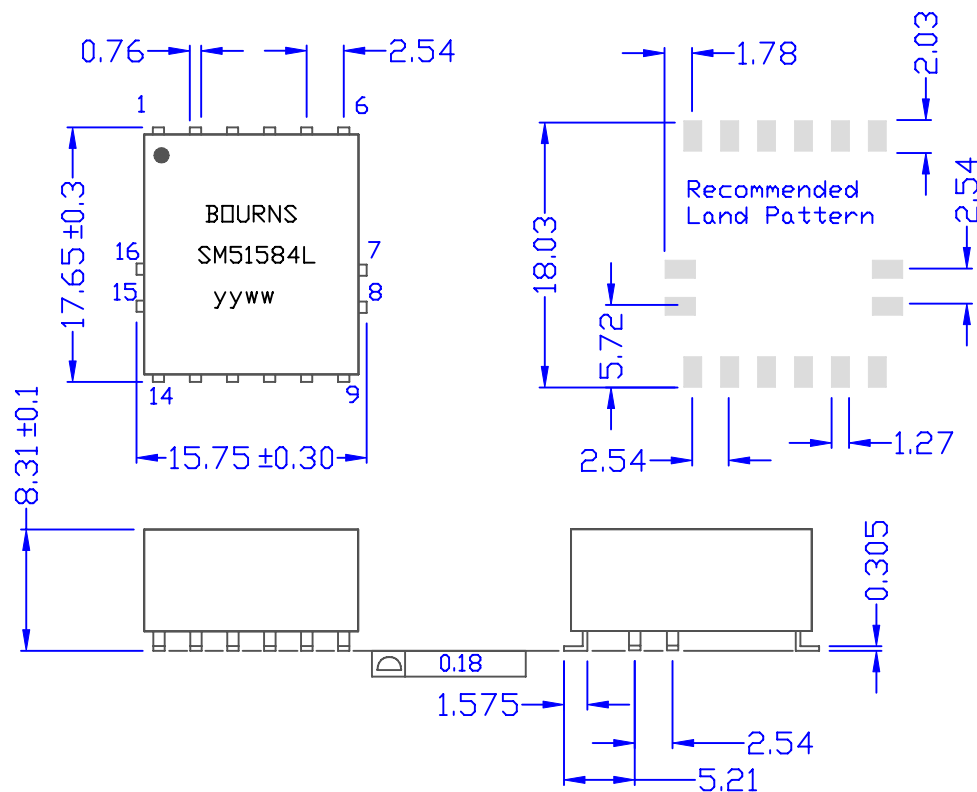
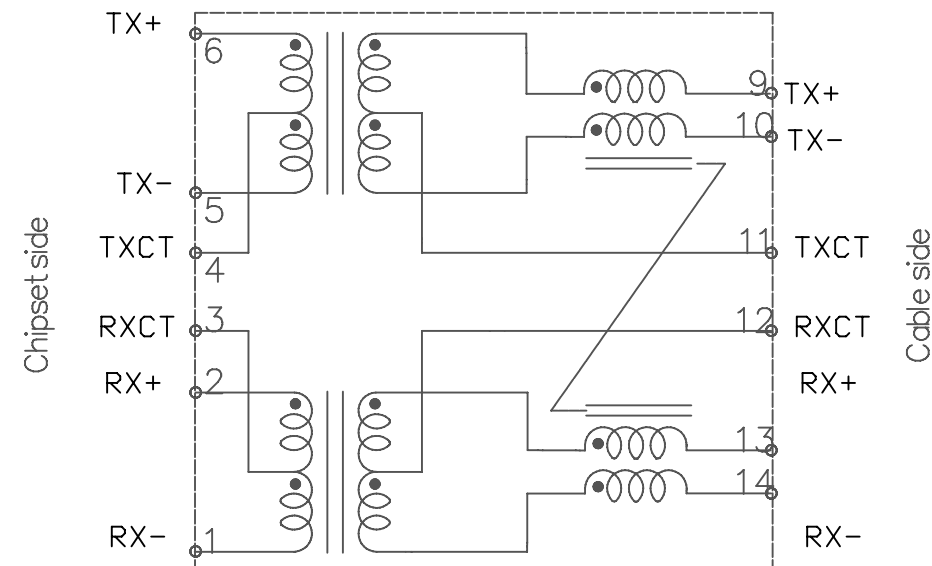




Note: Pins 7, 8, 15 and 16 must not be connected to the circuit.

Weight: 3.0 g
Tape and reel: 400/13" reel 32 mm tape



ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX = 1CT : 1CT $\pm$ 5%
RX = 1CT : 1CT $\pm$ 5%
2. OCL(100KHZ, 0.1V, 35mA/DC BIAS) : 350mH MIN.
3. INSERTION LOSS : 1-100MHZ = -1.0dB MAX.
4. CROSS TALK : 30MHZ = -45dB MIN.
60MHZ = -40dB MIN.
100MHZ = -35dB MIN.
5. RETURN LOSS (@LOAD 100 OHM)
1-40MHZ = -18dB MIN.
50MHZ = -16dB MIN.
60MHZ = -12dB MIN.
100MHZ = -10dB MIN.
6. CMRR : 1-10MHZ = -50dB MIN.
10-125MHZ = -30dB MIN.
125-500MHZ = -20dB MIN.
7. DCMRR : 30MHZ = -45dB MIN.
60MHZ = -40dB MIN.
100MHZ = -35dB MIN.
8. HI-POT : 1500Vrms
9. RoHS COMPLIANT

						Bourns Inductive Solution		TITLE GIGA POE TRANSFORMER MODULE
								DWG. NO. SM51584EL
						UNITS: M/M	SAFETY	SHEET 1 OF 1
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW Pair
REVISIONS						03/18/08		

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE +/-0.25