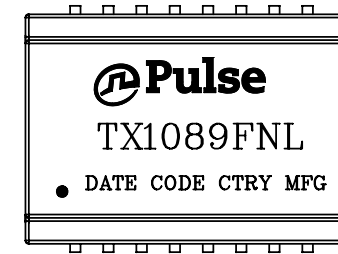


NOTES: UNLESS OTHERWISE SPECIFIED

1.

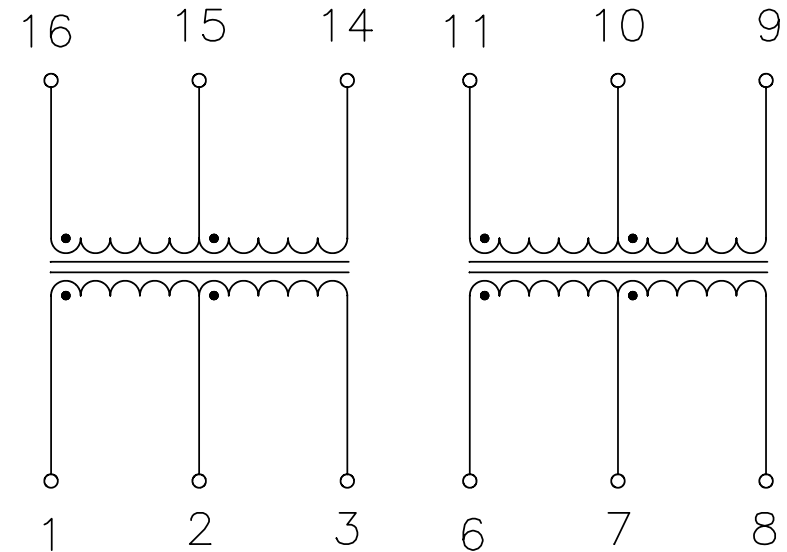
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS-6 ✓	

2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
4. OPERATING TEMPERATURE: -40°C TO +85°C
5. STORAGE TEMPERATURE: -50°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1.
7. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:  
.XX = ±.01  
.XXX = ±.005



ELECTRICAL CHARACTERISTICS:  
ELECTRICAL: @ +25°C

No.	PARAMETER	SPECIFICATIONS
1	TURNS RATIO: @ 10KHz, 0.1VRMS	$\frac{(16-14)}{(1-3)} = \frac{(16-15)}{(1-2)} = 1.0 \pm 2\%$ $\frac{(6-8)}{(11-9)} = \frac{(6-7)}{(11-10)} = 1.0 \pm 2\%$
2	OPEN INDUCTANCE (OCL): @25°C, 10KHz, 0.1VRMS	(1-3) = (6-8) = 1.2 mH MINIMUM
3	OPEN INDUCTANCE (OCL): @-40°C, 10KHz, 0.1VRMS	(1-3) = (6-8) = 600 uH MINIMUM
4	LEAKAGE INDUCTANCE(LL): @ 100KHz, 0.1VRMS	(1-3) WITH (16-14) SHORT = 0.8 uH MAXIMUM (6-8) WITH (11-9) SHORT = 0.8 uH MAXIMUM
5	INTERWINDING CAPACITANCE (CWW): @ 100KHz, 1VRMS	(16-14) TO (1-3) = 30 pF MAXIMUM (6-8) TO (11-9) = 30 pF MAXIMUM
6	DC RESISTANCE (DCR): (PRI TO SEC)	(1-3) = 0.7 OHM MAXIMUM (16-14) = 0.7 OHM MAXIMUM (11-9) = 0.7 OHM MAXIMUM (6-8) = 0.7 OHM MAXIMUM
7	HIPOT: (100%) (PRI TO SEC)	1500 VRMS MIN @ 60 SECONDS

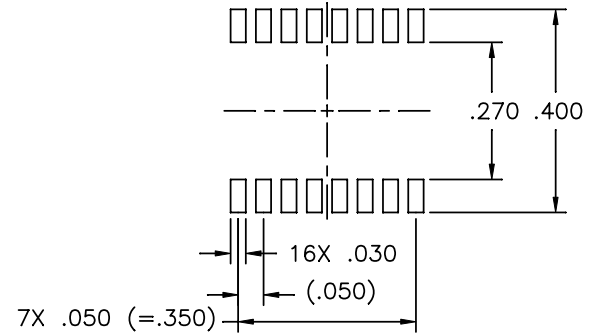
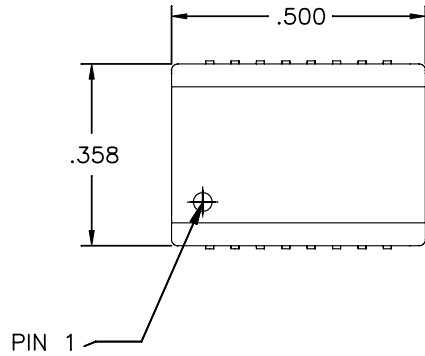


SCHEMATIC

NOTE: f IS FREQUENCY IN MHZ.

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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,DUAL,T1,1CT:1CT,1CT:1CT,SMT	PS-2005.002-C	1	TX1089FNL	M10



SUGGESTED LAND PATTERN

