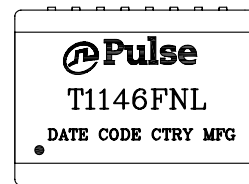


NOTES:

1. ROHS COMPLIANT
2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e T1146FNL BECOMES T1146FNLT).

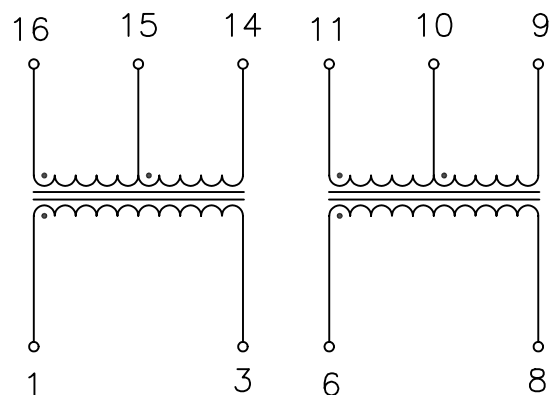


FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,DUAL,T1,BH,ET,1:2/2.4,1:1,OH	T1146FNL-11	PS-2005.002-D	1 OF 3	T1146FNL	A

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED



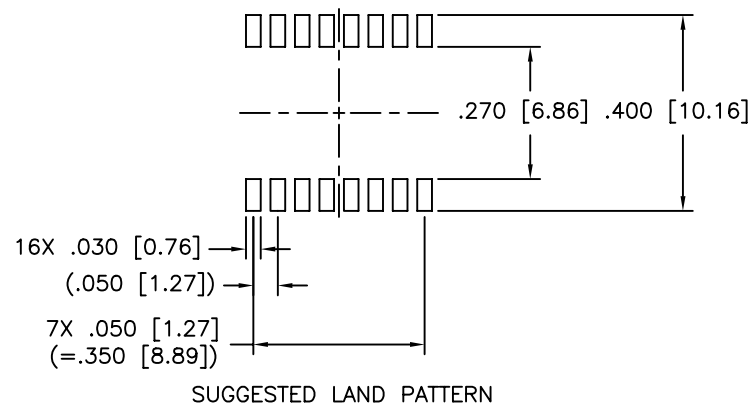
SCHEMATIC

PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C – 70 °C
POLARITY	PER SCHEMATIC
TURNS RATIO @ 10KHz, 0.02VRMS	$\frac{(16-15)}{(15-14)} = 5.0 \pm 2\%$ $\frac{(16-15)}{(1-3)} = 2.0 \pm 2\%$ $\frac{(15-14)}{(1-3)} = 0.4 \pm 2\%$ $\frac{(11-9)}{(6-8)} = 1.0 \pm 2\%$, $\frac{(11-10)}{(6-8)} = 0.793 \begin{matrix} +1.75\% \\ -2.2\% \end{matrix}$
OPEN CIRCUIT INDUCTANCE (OCL): @ 100KHz, 0.02VRMS	(1-3) = (6-8) = 1.0mH MINIMUM
LEAKAGE INDUCTANCE(LL) @ 100KHz, 0.02VRMS	(1-3) WITH (16-14) SHORT = 1.0 uH MAXIMUM (6-8) WITH (11-9) SHORT = 1.0 uH MAXIMUM
CWW(PRI TO SEC) @ 100KHz, 1 VRMS	(16-14) TO (1-3) = 35 pF MAXIMUM (6-8) TO (11-9) = 35 pF MAXIMUM
DC RESISTANCE (DCR)	(1-3) = 1.0 OHM MAXIMUM (6-8) = 1.0 OHM MAXIMUM
HIPOT (PRI TO SEC)	1500 VRMS MIN @ 60 SECONDS

NOTE: f IS FREQUENCY IN MHz.

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XFMR,DUAL,T1,BH,ET,1:2/2.4,1:1,OH	T1146FNL-11	PS-2005.002-D	2 OF 3	T1146FNL	A



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
 .XX= ±.01 [±0.25]
 .XXX= ±.005 [±0.13]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,DUAL,T1,BH,ET,1:2/2.4,1:1,OH	T1146FNL-11	PS-2005.002-D	3 OF 3	T1146FNL	A