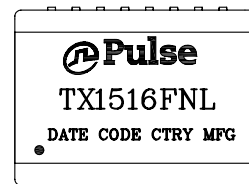


NOTES:

1. ROHS COMPLIANT
2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -50°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 TX1516FNL BECOMES TX1516FNLT).

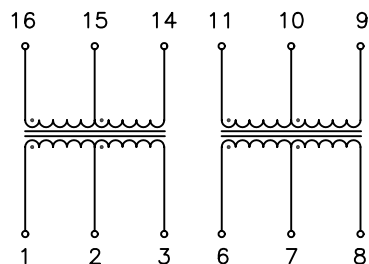


FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
E1 XFMR DUAL 1.26:1CT, 1.2mH	TX1516FNL-10	PS-2005.002-D	1 OF 3	TX1516FNL	A

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

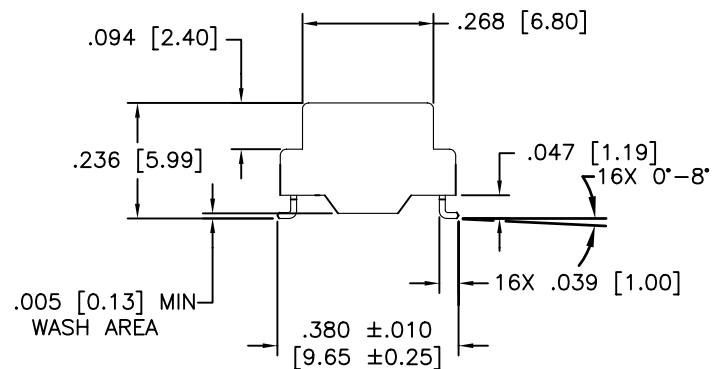


SCHEMATIC

PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C ~ +85°C
POLARITY	PER SCHEMATIC
TURNS RATIO: PRI:SEC @2 KHz, 0.02 VRMS	$\frac{(1-3)}{(16-14)} = \frac{(6-8)}{(11-9)} = 1.26 \pm 2\%$ $\frac{(2-3)}{(16-14)} = \frac{(7-8)}{(11-9)} = 1.0 \pm 2\%$
INDUCTANCE (OCL): @25°C, 100 KHz, 0.02 VRMS	(16-14) = (11-9) = 1.2 mH MINIMUM
EXTENDED TEMPERATURE INDUCTANCE @-40°C, 100 KHz, 0.02 VRMS	(16-14) = (11-9) = 0.6 mH MINIMUM
LEAKAGE INDUCTANCE (LL): @100 KHz, 0.02 VRMS	(16-14) WITH (1-3) SHORTED = 0.8 uH MAXIMUM (11-9) WITH (6-8) SHORTED = 0.8 uH MAXIMUM
C <sub>ww</sub> @ 100 KHz, 0.02 VRMS	(1-3) TO (16-14) = 50 pF MAXIMUM (6-8) TO (11-9) = 50 pF MAXIMUM
DCR (Pri & Sec)	(1-3) = (6-8) = 1.4 OHMS MAX. (16-14) = (11-9) = 0.9 OHMS MAX.
HIPOT (PRI TO SEC)	1500 VRMS FOR 1 MINUTE

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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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E1 XFMR DUAL 1.26:1CT, 1.2mH	TX1516FNL-10	PS-2005.002-D	3 OF 3	TX1516FNL	A