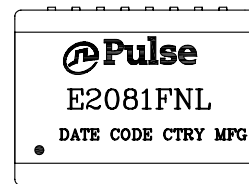


NOTES:

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 E2081FNL BECOMES E2081FNLT).

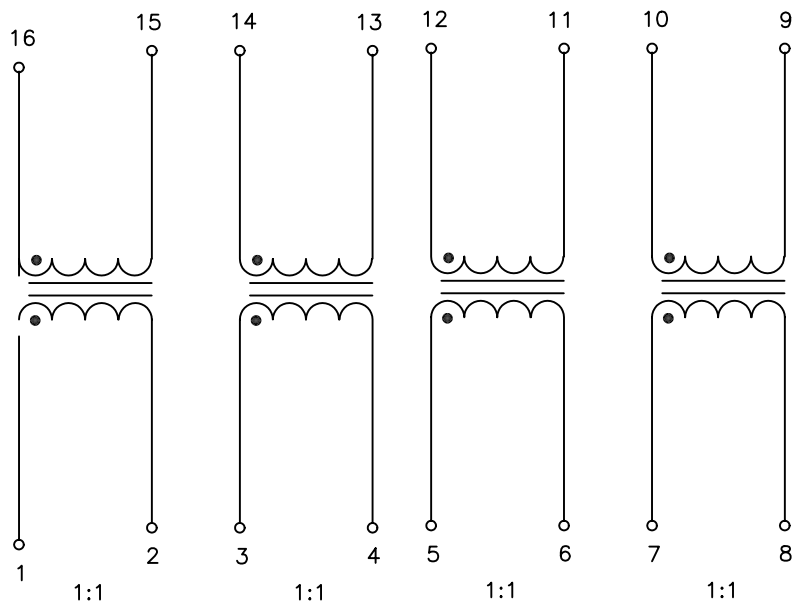


FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,QUAD,10D,1:1,SM,TU	E2081FNL-10	PS-2005.002-D	1 OF 3	E2081FNL	A

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

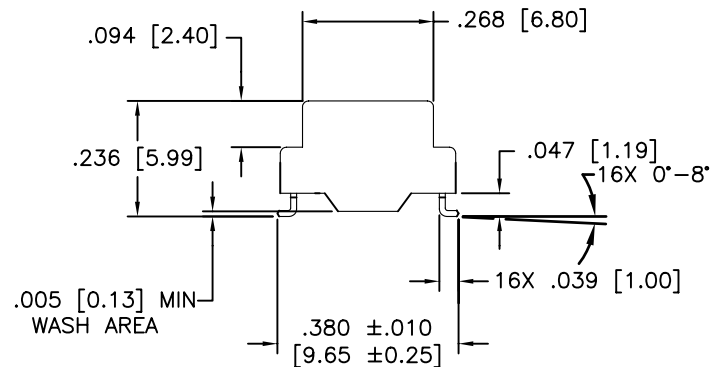
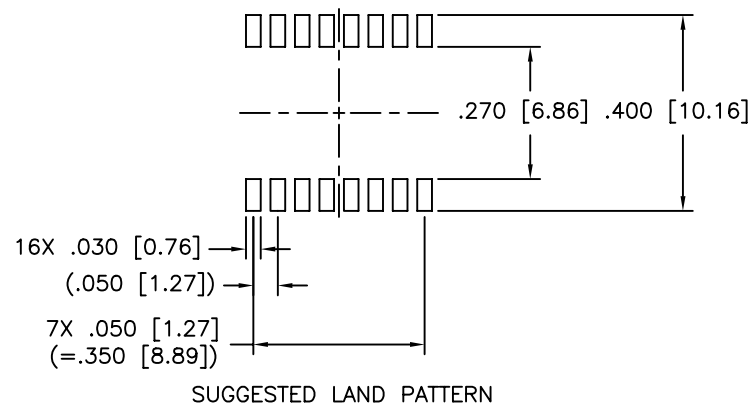


SCHEMATIC

PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C ~ 70°C
TURNS RATIO	1 : 1 ±2%
POLARITY	PER SCHEMATIC
TURNS RATIO	(1-2) : (16-15) = (3-4) : (14-13) = 1:1 ±5% (5-6) : (12-11) = (7-8) : (10-9) = 1:1 ±5%
INDUCTANCE (OCL)	(1-2) = (3-4) = (5-6) = (7-8) = 140 uH MIN (AT 100 KHz, 20 mVRMS)
LEAKAGE INDUCTANCE	.20 uH MAX (AT 100 KHz 20 mVRMS)
COUPLING CAPACITANCE	12 pF MAX (AT 100 KHz 20 mVRMS)
INSULATION RESISTANCE	(2-3) = (4-5) = (6-7) = 1 K MOHMS MIN AT 50 V DC (14-15) = (12-13) = (10-11) = 1 K MOHMS MIN AT 50 V DC
INPUT - OUTPUT ISOLATION	1500 VAC FOR 60 SECONDS

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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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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,QUAD,10D,1:1,SM,TU	E2081FNL-10	PS-2005.002-D	3 OF 3	E2081FNL	A