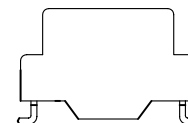
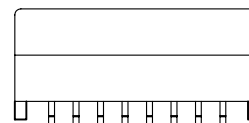
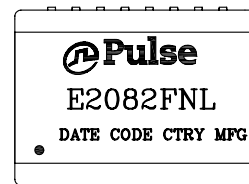


NOTES:

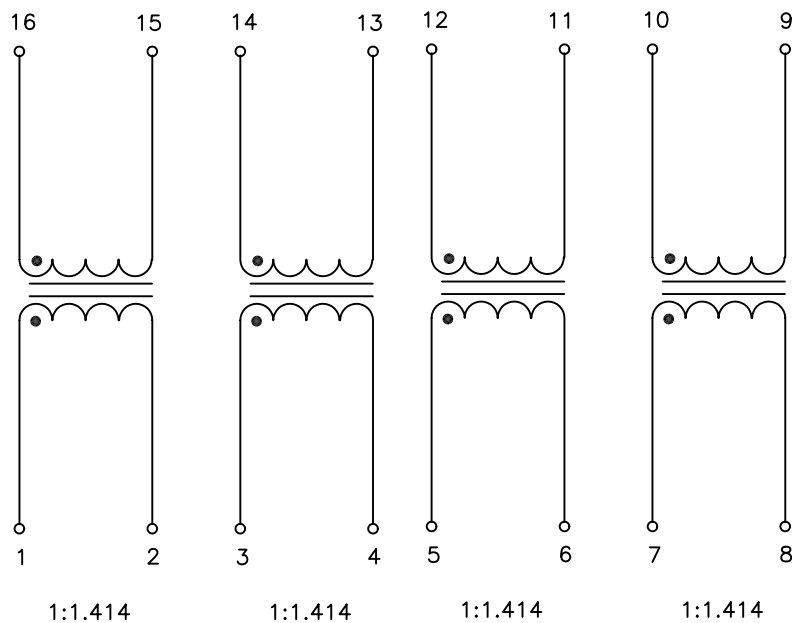
1. ROHS COMPLIANT
2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e E2082FNL BECOMES E2082FNLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,QUAD,10D,1:1.414,SM,TU	E2082FNL-10	PS-2005.002-D	1 OF 3	E2082FNL	A



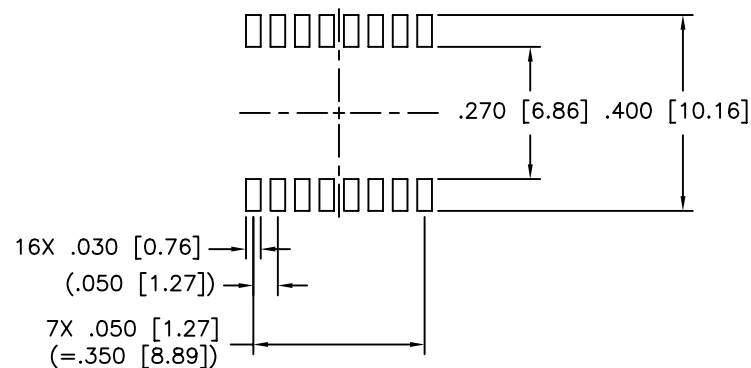
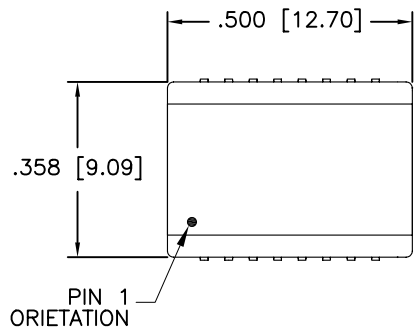
SCHMATIC

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

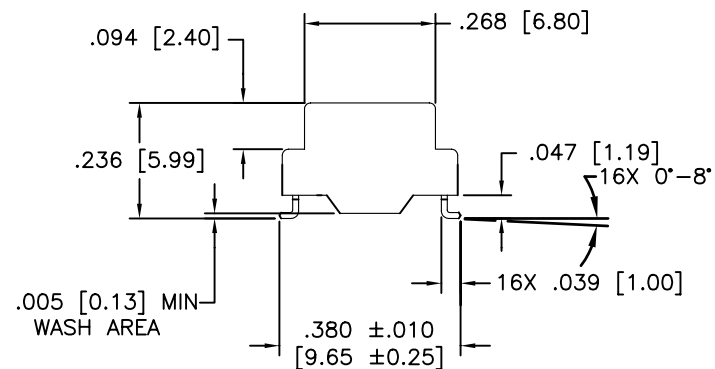
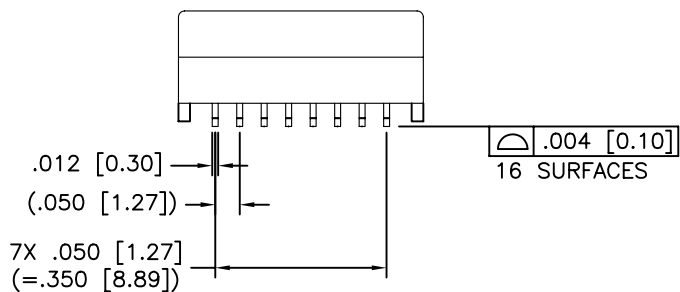
PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C ~ 70°C
POLARITY	PER SCHEMATIC
URNS RATIO	(1-2) : (16-15) = (3-4) : (14-13) = 1:1.414 ±5% (5-6) : (12-11) = (7-8) : (10-9) = 1:1.414 ±5%
LEAKAGE INDUCTANCE	.20 uH MAX (AT 100 KHz 20 mVRMS)
COUPLING CAPACITANCE	12 pF MAX (AT 100 KHz 20 mVRMS)
INSULATION 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 MIN @ 60 SECONDS

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,QUAD,10D,1:1.414,SM,TU	E2082FNL-10	PS-2005.002-D	2 OF 3	E2082FNL	A



SUGGESTED LAND PATTERN



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,1:1.414,SM,TU	E2082FNL-10	PS-2005.002-D	3 OF 3	E2082FNL	A