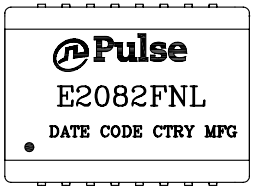
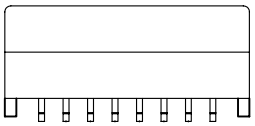
RoHS COMPLIANT

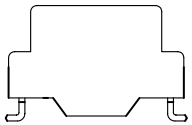
Pulse Electronics
www.pulseelectronics.com

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).





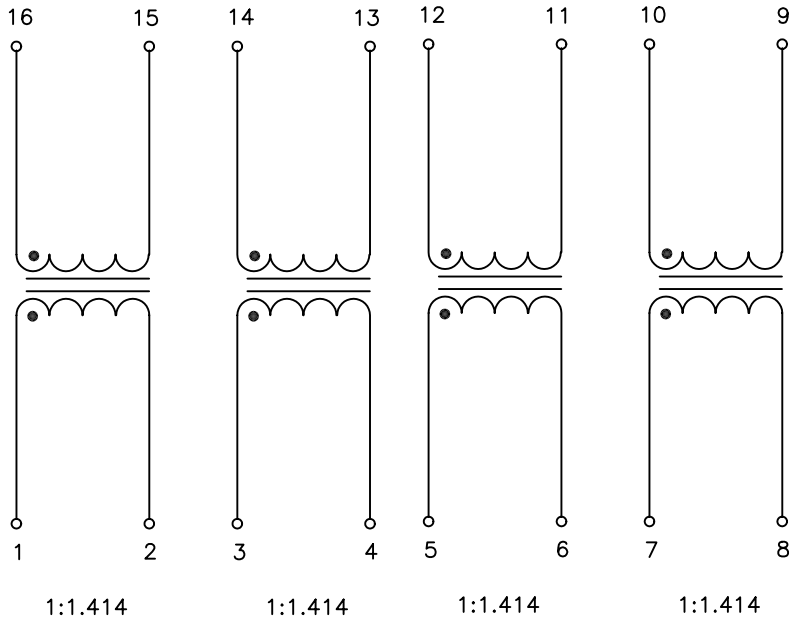


FINAL OUTLINE

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (06/12/14)

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

E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(US), ASIA@PULSEELECTRONICS.COM(Asia) PHONE: USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356768



SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

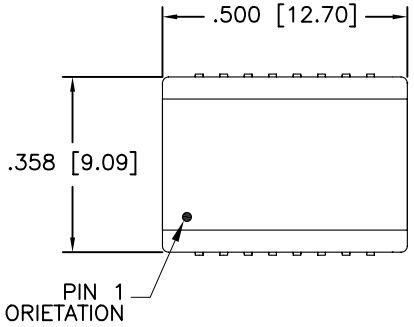
MEETS IEEE 802.3 SPECIFICATION

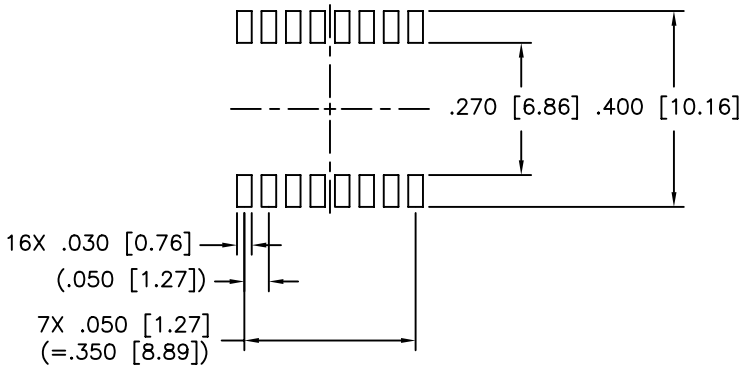
PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C ~ 70°C
POLARITY	PER SCHEMATIC
TURNS RATIO	(1–2) : (16–15) = (3–4) : (14–13) = 1:1.414 ±5% (5–6) : (12–11) = (7–8) : (10–9) = 1:1.414 ±5%
LEAKAGE INDUCTANCE	.20 uH MAX (AT 100 KHz 20 mVRMS)
COUPLING CAPACITANCE	12 pF MAX (AT 100 KHz 20 mVRMS)
INSULATION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

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (06/12/14)

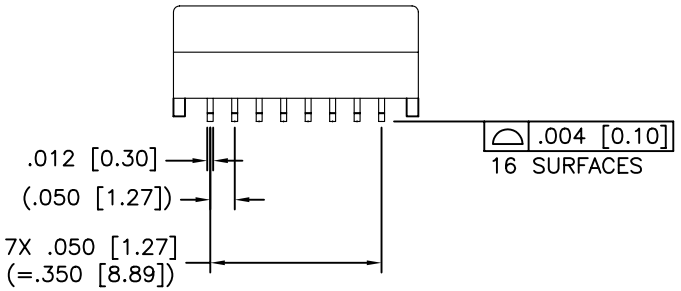
RoHS COMPLIANT

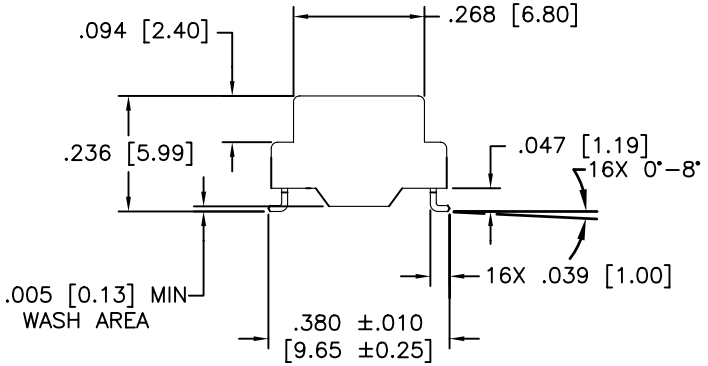
Pulse Electronics
www.pulseelectronics.com





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]

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (06/12/14)

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