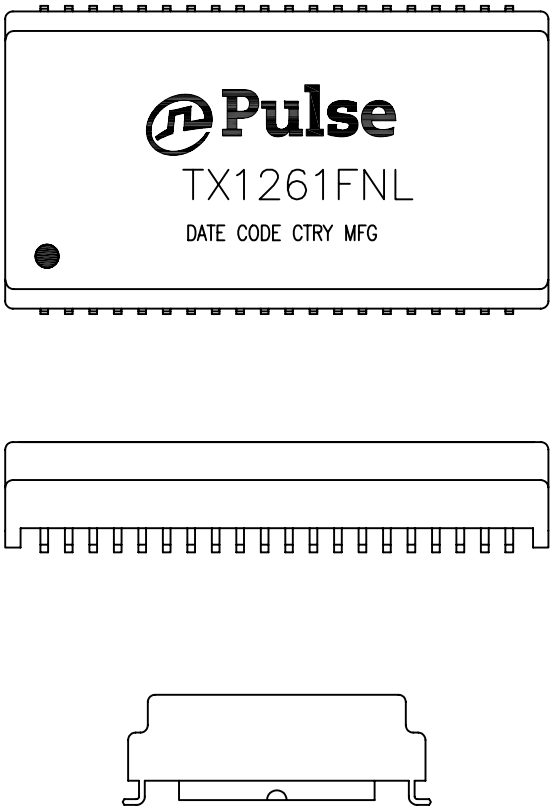
RoHS COMPLIANT

Pulse Electronics
www.pulseelectronics.com

NOTES:

1. ROHS COMPLIANT
2. HEADER: PHENOLIC 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 TX1261FNL BECOMES TX1261FNLT).



FINAL OUTLINE

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,OCTAL,T1,40-PIN TOU OPEN HEADER,1:2CT,1:1	TX1261FNL-10	PS-2743.001-A	1 OF 3	TX1261FNL	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

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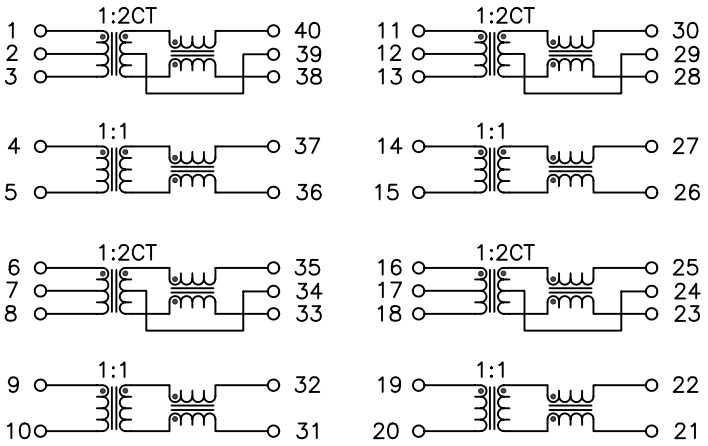

SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	−40°C ~ +85°C
POLARITY	PER SCHEMATIC
TURNS RATIO @ 100 KHZ, 0.1 VRMS	$\frac{(40-38)}{(1-3)}=\frac{(35-33)}{(6-8)}=\frac{(30-28)}{(11-13)}=\frac{(25-23)}{(16-18)}$ = 2.0 ±2% $\frac{(37-36)}{(4-5)}=\frac{(32-31)}{(9-10)}=\frac{(27-26)}{(14-15)}=\frac{(22-21)}{(19-20)}$ = 1.0 ±2% $\frac{(40-39)}{(39-38)}=\frac{(35-34)}{(34-33)}=\frac{(30-29)}{(29-28)}=\frac{(25-24)}{(24-23)}$ = 1.0 ±2% $\frac{(1-2)}{(2-3)}=\frac{(6-7)}{(7-8)}=\frac{(11-12)}{(12-13)}=\frac{(16-17)}{(17-18)}$ = 1.0 ±2%
INDUCTANCE (OCL) @ 100 KHZ, 0.02 VRMS	(40−38)=(37−36)=(35−33)=(32−31) = 1.20 mH MINIMUM (30−28)=(27−26)=(25−23)=(22−21) = 1.20 mH MINIMUM
LEAKAGE INDUCTANCE @ 100 KHZ, 0.02 VRMS	(1−3) WITH (40−38) SHORTED = 0.7 uH MAXIMUM (4−5) WITH (37−36) SHORTED = 0.7 uH MAXIMUM (6−8) WITH (35−33) SHORTED = 0.7 uH MAXIMUM (9−10) WITH (32−31) SHORTED = 0.7 uH MAXIMUM (11−13) WITH (30−28) SHORTED = 0.7 uH MAXIMUM (14−15) WITH (27−26) SHORTED = 0.7 uH MAXIMUM (16−18) WITH (25−23) SHORTED = 0.7 uH MAXIMUM (19−20) WITH (22−21) SHORTED = 0.7 uH MAXIMUM
CWW @ 100 KHZ, 1 VRMS	(1−3) TO (40−38) = 35 pF MAXIMUM (4−5) TO (37−36) = 35 pF MAXIMUM (6−8) TO (35−33) = 35 pF MAXIMUM (9−10) TO (32−31) = 35 pF MAXIMUM (11−13) TO (30−28) = 35 pF MAXIMUM (14−15) TO (27−26) = 35 pF MAXIMUM (16−18) TO (25−23) = 35 pF MAXIMUM (19−20) TO (22−21) = 35 pF MAXIMUM
DC RESISTANCE	(40−38) = (37−36) = (35−33) = (32−31) = 2.5 OHMS MAXIMUM (30−28) = (27−26) = (25−23) = (22−21) = 2.5 OHMS MAXIMUM (1−3) = (4−5) = (6−8) = (9−10) = 0.8 OHMS MAXIMUM (11−13) = (14−15) = (16−18) = (19−20) = 0.8 OHMS MAXIMUM
HIPOT	1500 VRMS FOR 6 SECS

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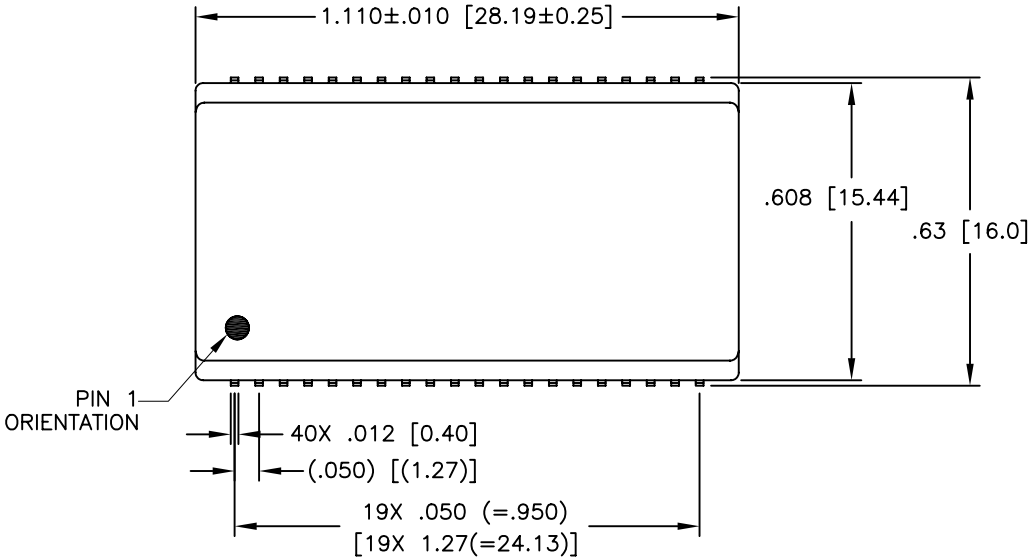
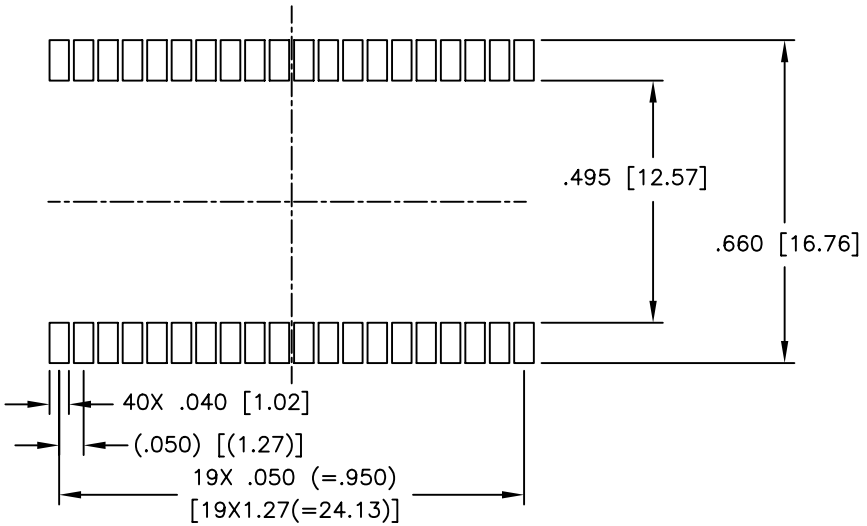
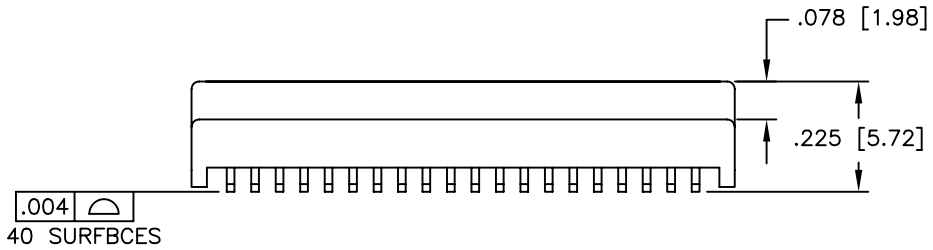
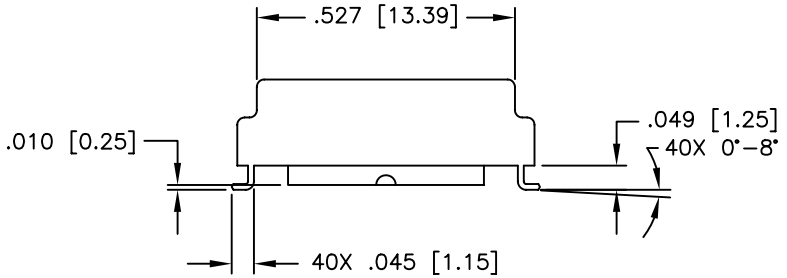




SUGGESTED PAD LAYOUT





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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