RoHS COMPLIANT

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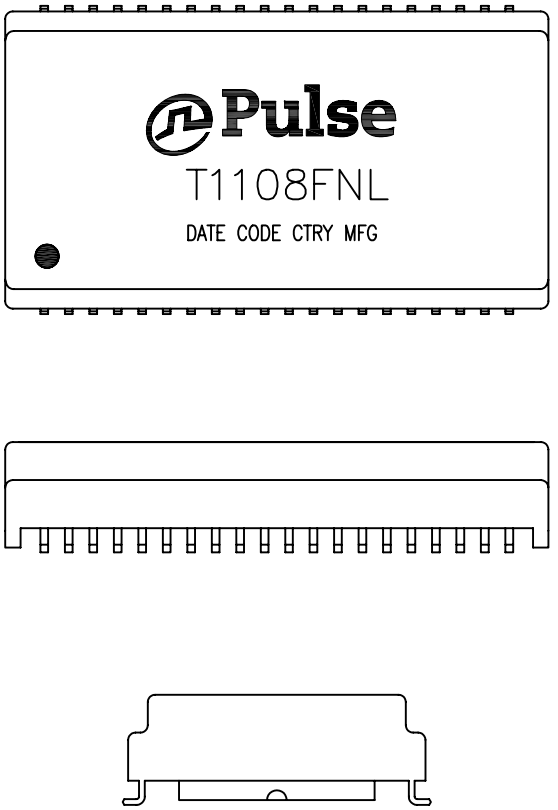
NOTES:

1. ROHS COMPLIANT
2. HEADER: PHENOLIC 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 T1108FNL BECOMES T1108FNLT).



FINAL OUTLINE

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,OCT,T1,TOU,1:2CT OPEN HEADER	T1108FNL-10	PS-2743.001-A	1 OF 3	T1108FNL	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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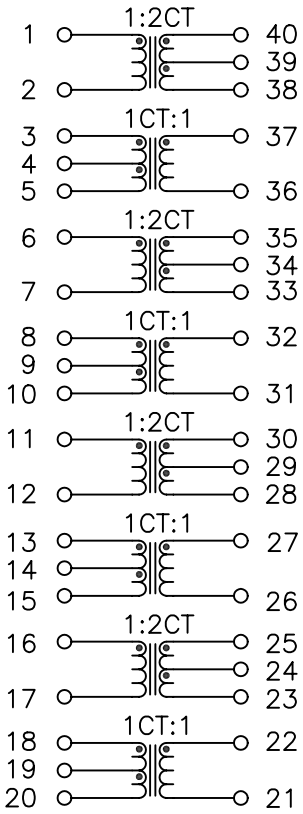

SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C – 70°C
POLARITY	PER SCHEMATIC
TURNS RATIO: @10KHz, 0.1VRMS:	$\frac{(40-39)}{(1-2)} = \frac{(35-34)}{(6-7)} = \frac{(30-29)}{(11-12)} = \frac{(25-24)}{(16-17)}$ = 1.0 ±2% $\frac{(3-5)}{(37-36)} = \frac{(8-10)}{(32-31)} = \frac{(13-15)}{(27-26)} = \frac{(18-20)}{(22-21)}$ = 1.0 ±2% $\frac{(3-4)}{(4-5)} = \frac{(8-9)}{(9-10)} = \frac{(13-14)}{(14-15)} = \frac{(18-19)}{(19-20)}$ = 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%
OPEN CIRCUIT INDUCTANCE (OCL): @100KHz, 0.01VRMS	(1–2)=(6–7)=(11–12)=(16–17) = 1.2 mH MINIMUM (37–36)=(32–31)=(27–26)=(22–21) = 1.2 mH MINIMUM
LEAKAGE INDUCTANCE (LL) @100 KHz, 0.02 VRMS	(1–2) WITH (40–38) SHORTED = 0.7 uH MAXIMUM (6–7) WITH (35–33) SHORTED = 0.7 uH MAXIMUM (11–12) WITH (30–28) SHORTED = 0.7 uH MAXIMUM (16–17) WITH (25–23) SHORTED = 0.7 uH MAXIMUM (37–36) WITH (3–5) SHORTED = 0.7 uH MAXIMUM (32–31) WITH (8–10) SHORTED = 0.7 uH MAXIMUM (27–26) WITH (13–15) SHORTED = 0.7 uH MAXIMUM (22–21) WITH (18–20) SHORTED = 0.7 uH MAXIMUM
CWW @ 100 KHz, 1 VRMS	(1–2) TO (40–38) = 35 pF MAXIMUM (6–7) TO (35–33) = 35 pF MAXIMUM (11–12) TO (30–28) = 35 pF MAXIMUM (16–17) TO (25–23) = 35 pF MAXIMUM (37–36) TO (3–5) = 35 pF MAXIMUM (32–31) TO (8–10) = 35 pF MAXIMUM (27–26) TO (13–15) = 35 pF MAXIMUM (22–21) TO (18–20) = 35 pF MAXIMUM
DCR	(1–2) = (6–7) = (11–12) = (16–17) = 0.7 OHMS MAX (37–36) = (32–31) = (27–26) = (22–21) = 0.7 OHMS MAX (40–38) = (35–33) = (30–28) = (25–23) = 1.1 OHMS MAX (3–5) = (8–10) = (13–15) = (18–20) = 0.7 OHMS MAX
HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS

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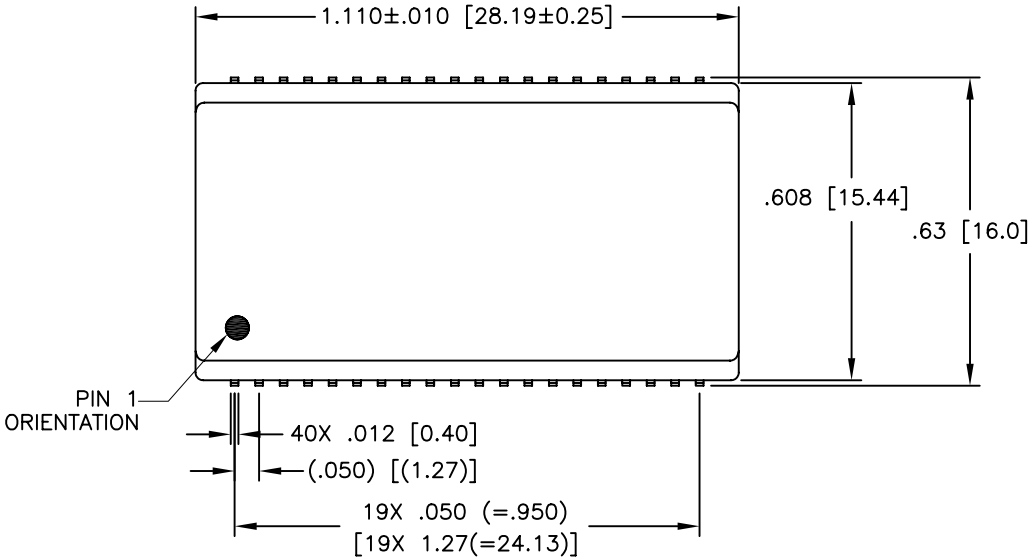
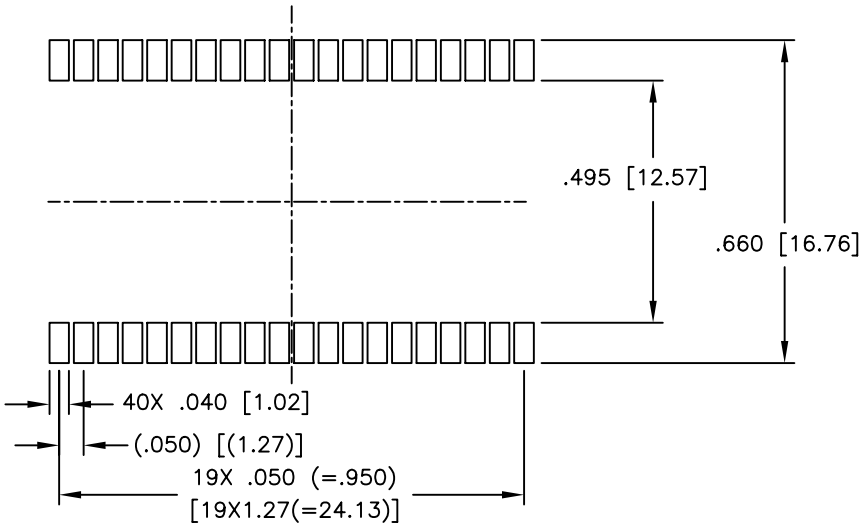
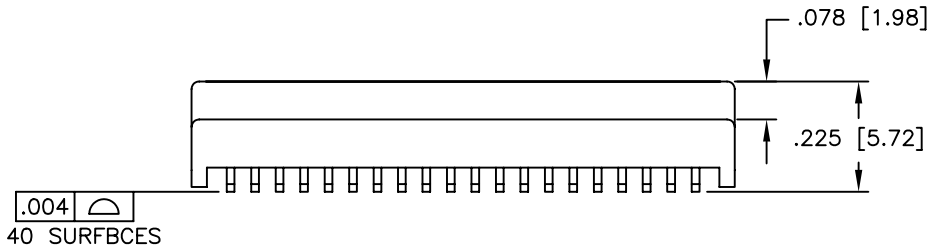
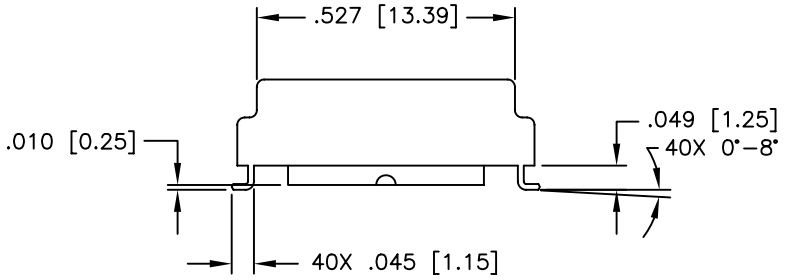




SUGGESTED PAD LAYOUT





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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