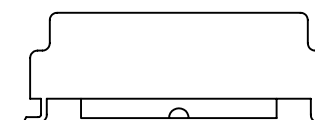
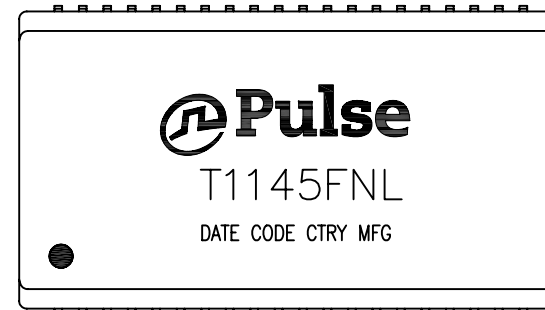


NOTES:

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 T1145FNL BECOMES T1145FNLT).

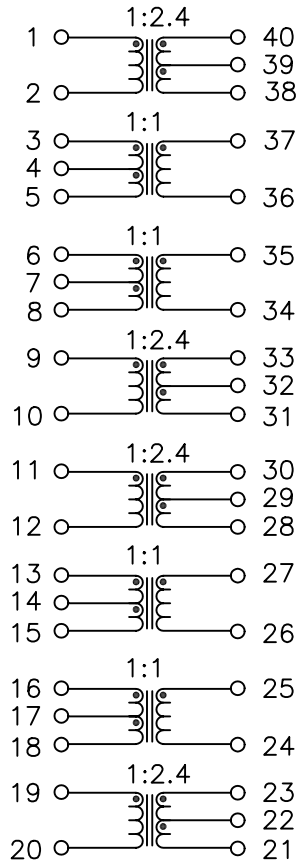


FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
OCTAL XFMR, 1:2/2.4 1:0.79/1 SMD OPEN 40PIN	T1145FNL-10	PS-2743.001-A	1 OF 3	T1145FNL	A

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

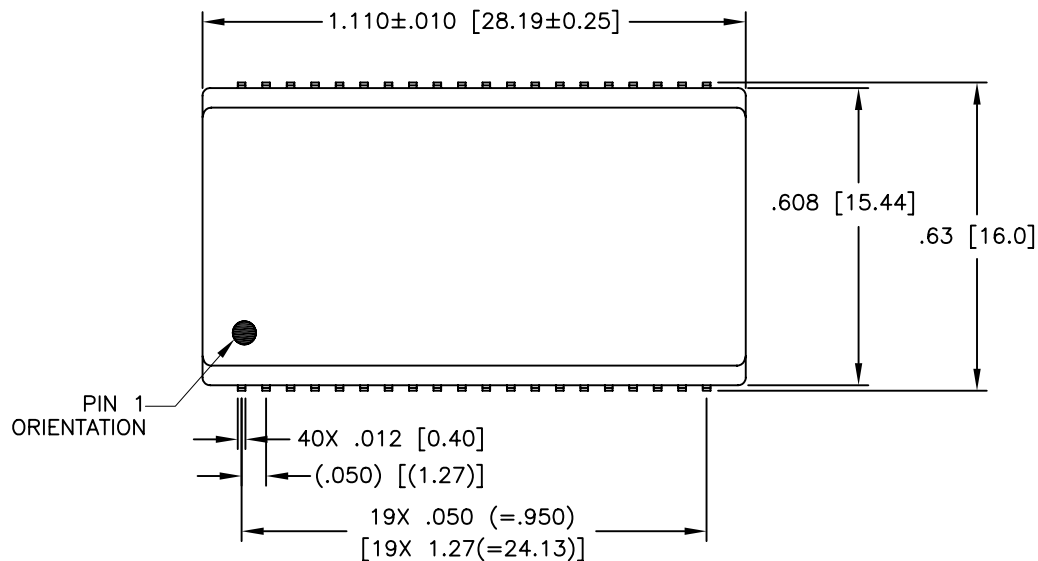


SCHMATIC

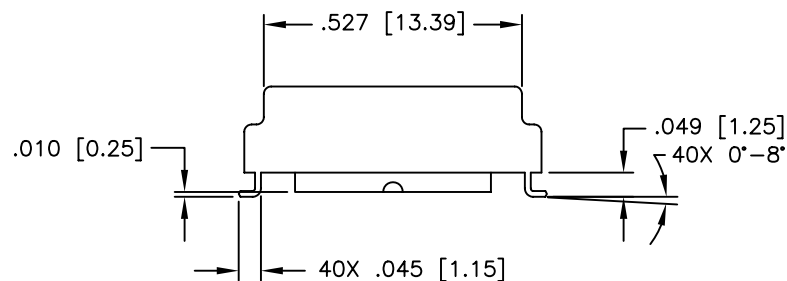
PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C - 70°C
POLARITY	PER SCHEMATIC
TURNS RATIO: @100KHz, 0.02VRMS:	$\frac{(40-39)}{(1-2)} = \frac{(33-32)}{(9-10)} = \frac{(30-29)}{(11-12)} = \frac{(23-22)}{(19-20)} = 2.0 \pm 2\%$ $\frac{(3-4)}{(37-36)} = \frac{(6-7)}{(35-34)} = \frac{(13-14)}{(27-26)} = \frac{(16-17)}{(25-24)} = 0.79 \pm 2\%$ $\frac{(40-38)}{(1-2)} = \frac{(33-31)}{(9-10)} = \frac{(30-28)}{(11-12)} = \frac{(23-21)}{(19-20)} = 2.4 \pm 2\%$ $\frac{(3-5)}{(37-36)} = \frac{(6-8)}{(35-34)} = \frac{(13-15)}{(27-26)} = \frac{(16-18)}{(25-24)} = 1.0 \pm 2\%$
INDUCTANCE (OCL): @10KHz, 0.1VRMS	$(1-2)=(37-36)=(35-34)=(9-10) = 1.0 \text{ mH MINIMUM}$ $(11-12)=(27-26)=(25-24)=(19-20) = 1.0 \text{ mH MINIMUM}$
LEAKAGE INDUCTANCE (LL) @100 KHz, 0.02 VRMS	$(1-2)$ WITH $(40-38)$ SHORTED = 1.0 uH MAXIMUM $(37-36)$ WITH $(3-5)$ SHORTED = 1.0uH MAXIMUM $(35-34)$ WITH $(6-8)$ SHORTED = 1.0 uH MAXIMUM $(9-10)$ WITH $(33-31)$ SHORTED = 1.0 uH MAXIMUM $(11-12)$ WITH $(30-28)$ SHORTED = 1.0 uH MAXIMUM $(27-26)$ WITH $(13-15)$ SHORTED = 1.0 uH MAXIMUM $(25-24)$ WITH $(16-18)$ SHORTED = 1.0 uH MAXIMUM $(19-20)$ WITH $(23-21)$ SHORTED = 1.0 uH MAXIMUM
CWW @ 100 KHz, 0.02 VRMS	$(1-2)$ TO $(40-38) = 35 \text{ pF MAXIMUM}$ $(3-5)$ TO $(37-36) = 35 \text{ pF MAXIMUM}$ $(6-8)$ TO $(35-34) = 35 \text{ pF MAXIMUM}$ $(9-10)$ TO $(33-31) = 35 \text{ pF MAXIMUM}$ $(11-12)$ TO $(30-28) = 35 \text{ pF MAXIMUM}$ $(13-15)$ TO $(27-26) = 35 \text{ pF MAXIMUM}$ $(16-18)$ TO $(25-24) = 35 \text{ pF MAXIMUM}$ $(19-20)$ TO $(23-21) = 35 \text{ pF MAXIMUM}$
DCR	$(1-2) = (37-36) = (35-34) = (9-10) = 0.8 \text{ OHMS MAX}$ $(11-12) = (27-26) = (25-24) = (19-20) = 0.8 \text{ OHMS MAX}$
HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS

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OCTAL XFMR, 1:2/2.4 1:0.79/1 SMD OPEN 40PIN	T1145FNL-10	PS-2743.001-A	2 OF 3	T1145FNL	A



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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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
OCTAL XFMR, 1:2/2.4 1:0.79/1 SMD OPEN 40PIN	T1145FNL-10	PS-2743.001-A	3 OF 3	T1145FNL	A