
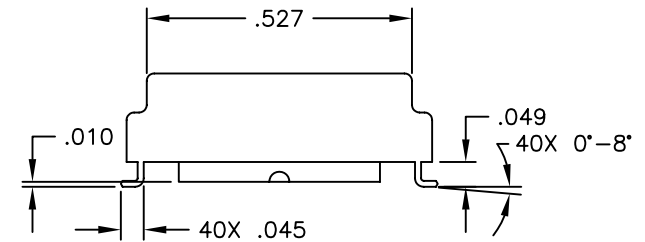
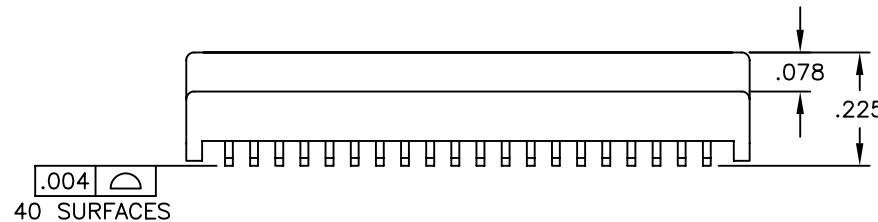
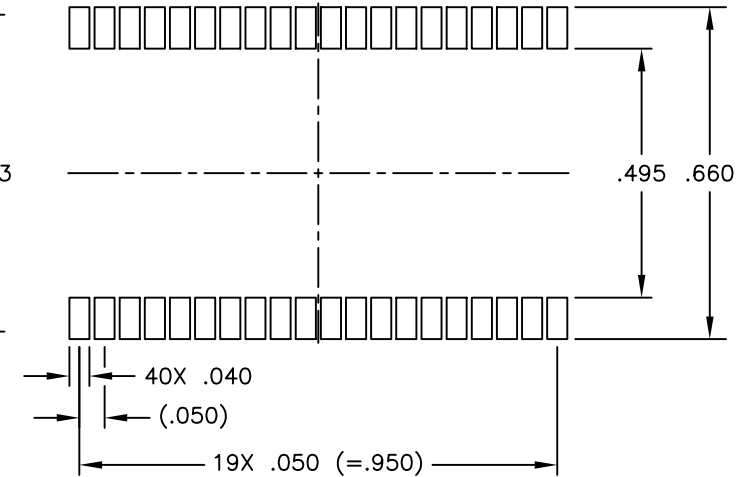
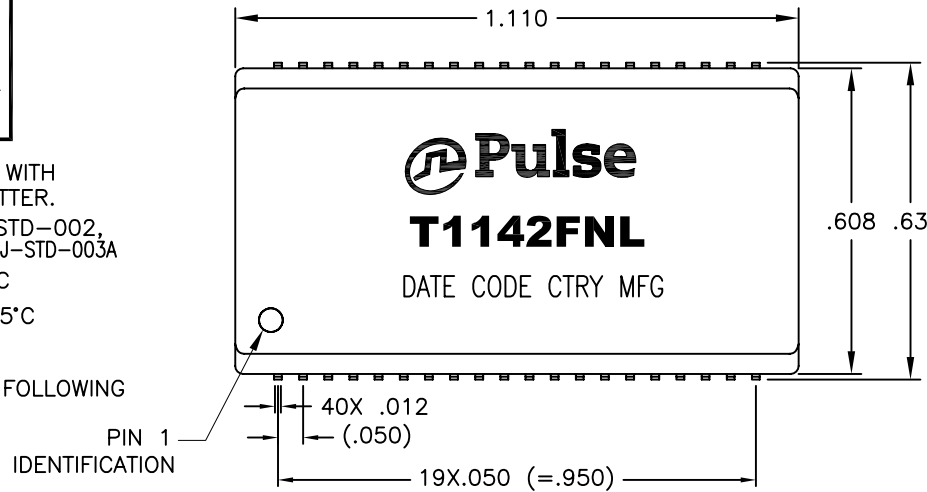


NOTES: UNLESS OTHERWISE SPECIFIED

1.

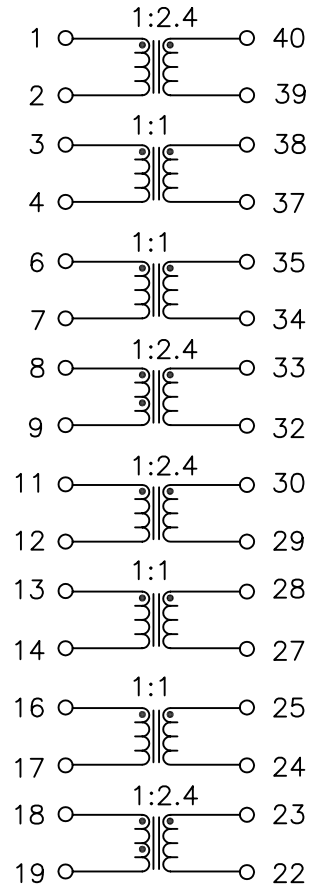
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS	

2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
 3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
 4. OPERATING TEMPERATURE: 0°C TO +70°C
 5. STORAGE TEMPERATURE: -20°C TO +125°C
 6. JEDEC MOISTURE: LEVEL 1.
 7. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:
 .XX= ±.02
 .XXX= ±.010
 8. REVISION: MP1,MP2, ARE PRELIMINARY.



PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,OCT,T1,TOU,1:2.4,1:1,LF	PS-2743.001-A	1	T1142FNL	MP1

ELECTRICAL CHARACTERISTICS AT +25°C



SCHEMATIC

No.	PARAMETER	SPECIFICATION
1	TURNS RATIO: @100KHz, 0.02VRMS:	$\frac{(40-39)}{(1-2)} = \frac{(33-32)}{(8-9)} = \frac{(30-29)}{(11-12)} = \frac{(23-22)}{(18-19)} = 2.4 \pm 2\%$ $\frac{(3-4)}{(38-37)} = \frac{(6-7)}{(35-34)} = \frac{(13-14)}{(28-27)} = \frac{(16-17)}{(25-24)} = 1.0 \pm 2\%$
2	INDUCTANCE (OCL): @10KHz, 0.1VRMS	$(40-39)=(33-32)=(30-29)=(23-22) = 1.2 \text{ mH MINIMUM}$ $(38-37)=(35-34)=(28-27)=(25-24) = 1.2 \text{ mH MINIMUM}$
3	LEAKAGE INDUCTANCE (LL) @100 KHz, 0.01 VRMS	$(1-2)$ WITH $(40-39)$ SHORTED = 0.5 uH MAXIMUM $(3-4)$ WITH $(38-37)$ SHORTED = 0.5 uH MAXIMUM $(6-7)$ WITH $(35-34)$ SHORTED = 0.5 uH MAXIMUM $(8-9)$ WITH $(33-32)$ SHORTED = 0.5 uH MAXIMUM $(11-12)$ WITH $(30-29)$ SHORTED = 0.5 uH MAXIMUM $(13-14)$ WITH $(28-27)$ SHORTED = 0.5 uH MAXIMUM $(16-17)$ WITH $(25-24)$ SHORTED = 0.5 uH MAXIMUM $(18-19)$ WITH $(23-22)$ SHORTED = 0.5 uH MAXIMUM
4	CWW @ 100 KHz, 0.1 VRMS	$(1-2)$ TO $(40-39) = 35 \text{ pF MAXIMUM}$ $(3-4)$ TO $(38-37) = 35 \text{ pF MAXIMUM}$ $(6-7)$ TO $(35-34) = 35 \text{ pF MAXIMUM}$ $(8-9)$ TO $(33-32) = 35 \text{ pF MAXIMUM}$ $(11-12)$ TO $(30-29) = 35 \text{ pF MAXIMUM}$ $(13-14)$ TO $(28-27) = 35 \text{ pF MAXIMUM}$ $(16-17)$ TO $(25-24) = 35 \text{ pF MAXIMUM}$ $(18-19)$ TO $(23-22) = 35 \text{ pF MAXIMUM}$
5	DCR	$(1-2) = (3-4) = (6-7) = (8-9) = 0.8 \text{ OHMS MAX}$ $(11-12) = (13-14) = (16-17) = (18-19) = 0.8 \text{ OHMS MAX}$
6	HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS