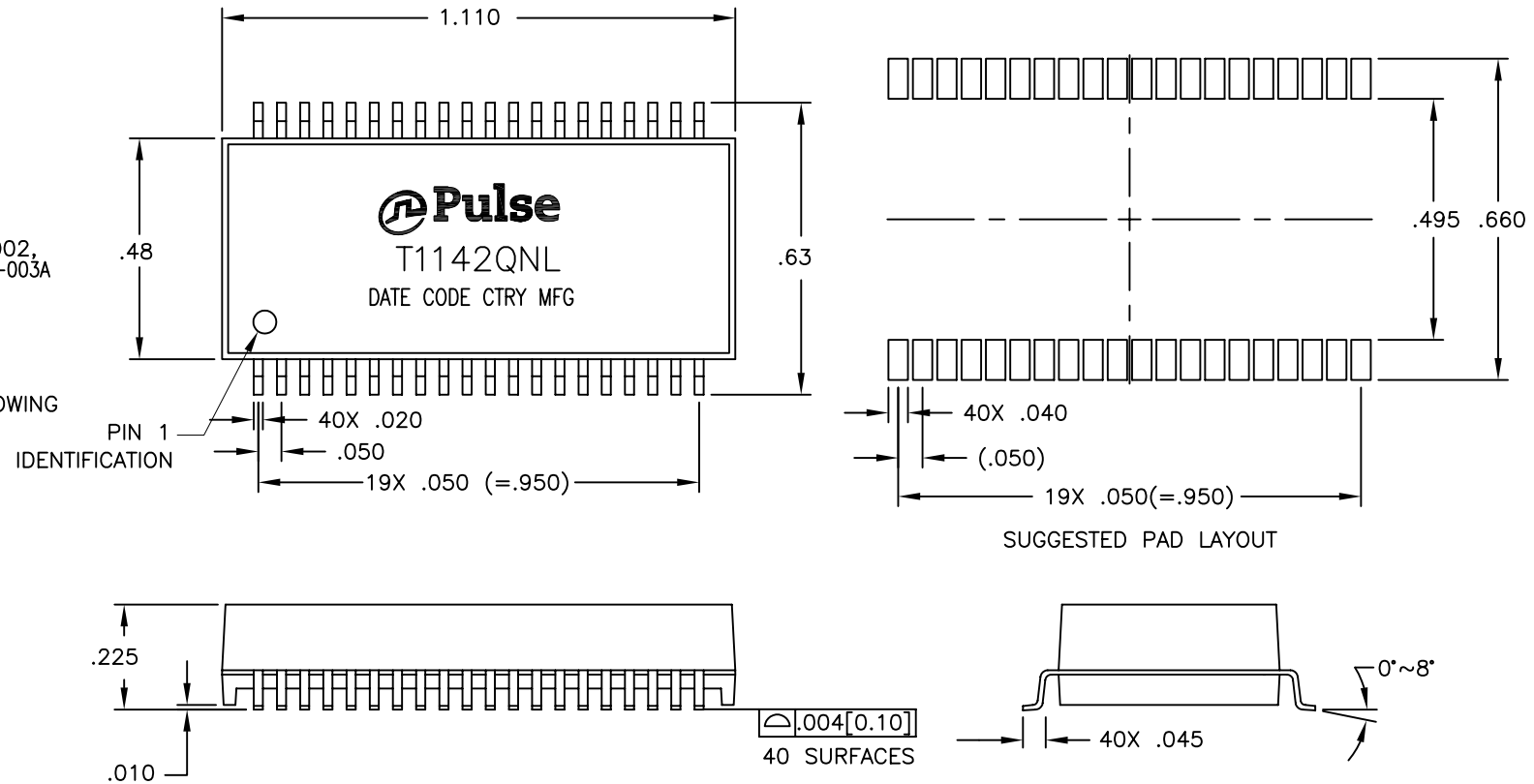


NOTES: UNLESS OTHERWISE SPECIFIED

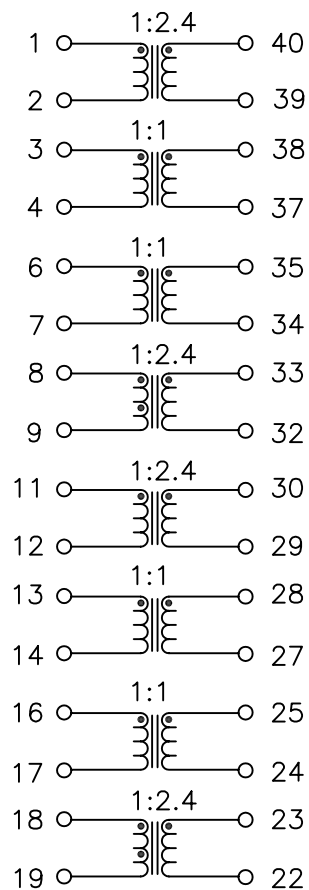
1.

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



PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,OCT,T1,TOU,1:2.4,1:1,LF	PS-0002.002-B	1	T1142QNL	M13

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	$(1-2) \text{ WITH } (40-39) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$ $(3-4) \text{ WITH } (38-37) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$ $(6-7) \text{ WITH } (35-34) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$ $(8-9) \text{ WITH } (33-32) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$ $(11-12) \text{ WITH } (30-29) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$ $(13-14) \text{ WITH } (28-27) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$ $(16-17) \text{ WITH } (25-24) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$ $(18-19) \text{ WITH } (23-22) \text{ SHORTED} = 0.5 \text{ uH MAXIMUM}$
4	CWW @ 100 KHz, 0.1 VRMS	$(1-2) \text{ TO } (40-39) = 35 \text{ pF MAXIMUM}$ $(3-4) \text{ TO } (38-37) = 35 \text{ pF MAXIMUM}$ $(6-7) \text{ TO } (35-34) = 35 \text{ pF MAXIMUM}$ $(8-9) \text{ TO } (33-32) = 35 \text{ pF MAXIMUM}$ $(11-12) \text{ TO } (30-29) = 35 \text{ pF MAXIMUM}$ $(13-14) \text{ TO } (28-27) = 35 \text{ pF MAXIMUM}$ $(16-17) \text{ TO } (25-24) = 35 \text{ pF MAXIMUM}$ $(18-19) \text{ TO } (23-22) = 35 \text{ pF MAXIMUM}$
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