
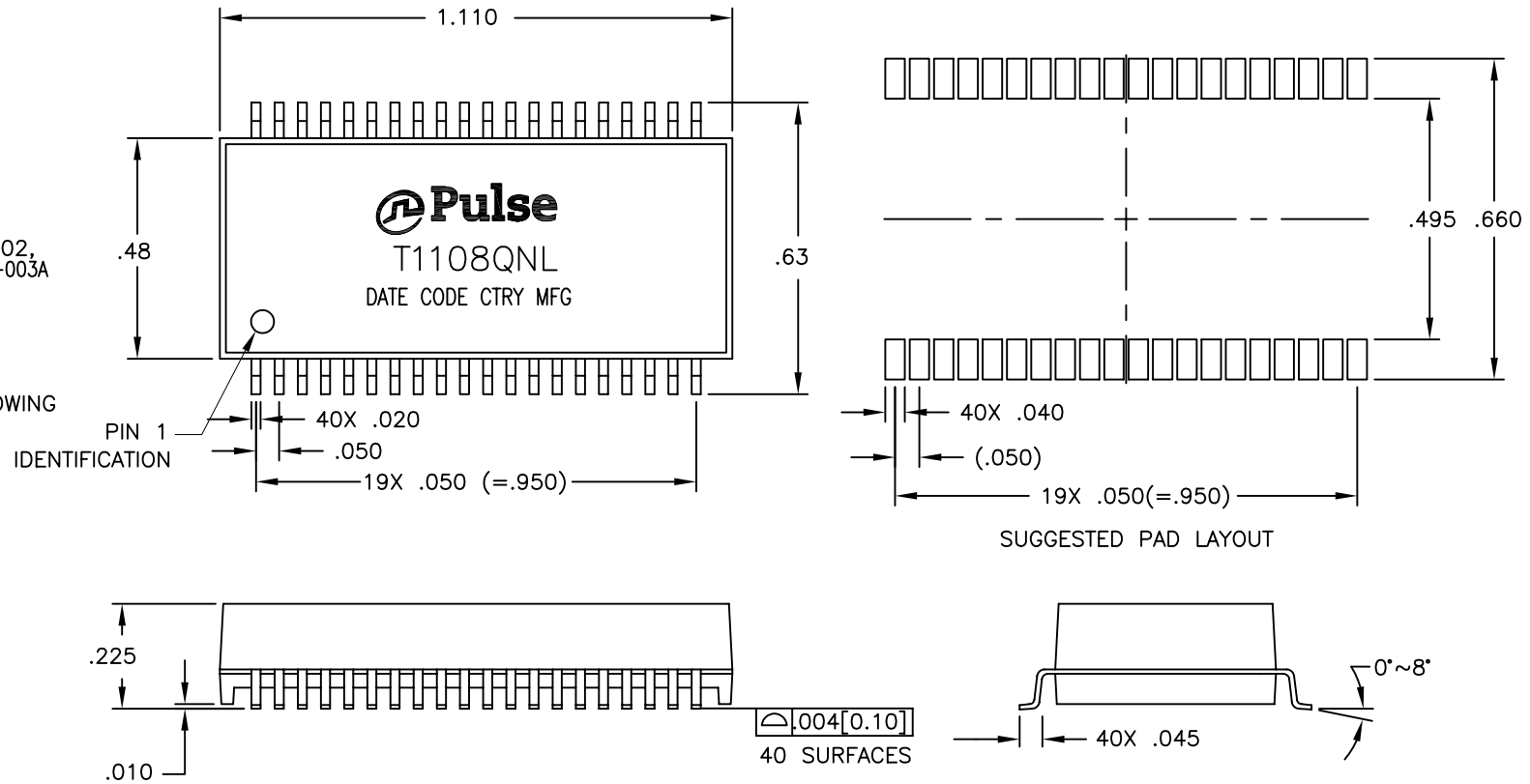


NOTES: UNLESS OTHERWISE SPECIFIED

1.

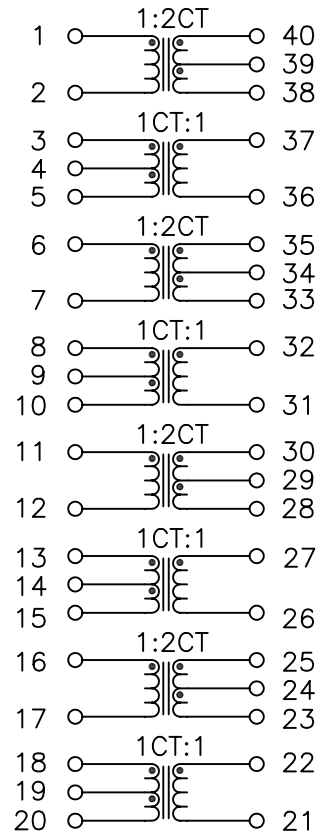
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS	

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,ET,1:2CT,1CT:1	PS-0002.002-B	1	T1108QNL

ELECTRICAL CHARACTERISTICS AT +25°C



SCHEMATIC

No.	PARAMETER	SPECIFICATION
1	TURNS RATIO: @10KHz, 0.1VRMS:	$\frac{(40-39)}{(1-2)} = \frac{(35-34)}{(6-7)} = \frac{(30-29)}{(11-12)} = \frac{(25-24)}{(16-17)} = 1.0 \pm 2\%$ $\frac{(3-5)}{(37-36)} = \frac{(8-10)}{(32-31)} = \frac{(13-15)}{(27-26)} = \frac{(18-20)}{(22-21)} = 1.0 \pm 2\%$ $\frac{(3-4)}{(4-5)} = \frac{(8-9)}{(9-10)} = \frac{(13-14)}{(14-15)} = \frac{(18-19)}{(19-20)} = 1.0 \pm 2\%$ $\frac{(40-39)}{(39-38)} = \frac{(35-34)}{(34-33)} = \frac{(30-29)}{(29-28)} = \frac{(25-24)}{(24-23)} = 1.0 \pm 2\%$
2	OPEN CIRCUIT INDUCTANCE (OCL): @100KHz, 0.01VRMS	$(1-2)=(6-7)=(11-12)=(16-17) = 1.2 \text{ mH MINIMUM}$ $(37-36)=(32-31)=(27-26)=(22-21) = 1.2 \text{ mH MINIMUM}$
3	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
4	CWW @ 100 KHz, 1 VRMS	$(1-2)$ TO $(40-38) = 35 \text{ pF MAXIMUM}$ $(6-7)$ TO $(35-33) = 35 \text{ pF MAXIMUM}$ $(11-12)$ TO $(30-28) = 35 \text{ pF MAXIMUM}$ $(16-17)$ TO $(25-23) = 35 \text{ pF MAXIMUM}$ $(37-36)$ TO $(3-5) = 35 \text{ pF MAXIMUM}$ $(32-31)$ TO $(8-10) = 35 \text{ pF MAXIMUM}$ $(27-26)$ TO $(13-15) = 35 \text{ pF MAXIMUM}$ $(22-21)$ TO $(18-20) = 35 \text{ pF MAXIMUM}$
5	DCR	$(1-2) = (6-7) = (11-12) = (16-17) = 0.7 \text{ OHMS MAX}$ $(37-36) = (32-31) = (27-26) = (22-21) = 0.7 \text{ OHMS MAX}$ $(40-38) = (35-33) = (30-28) = (25-23) = 1.1 \text{ OHMS MAX}$ $(3-5) = (8-10) = (13-15) = (18-20) = 0.7 \text{ OHMS MAX}$
6	HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS