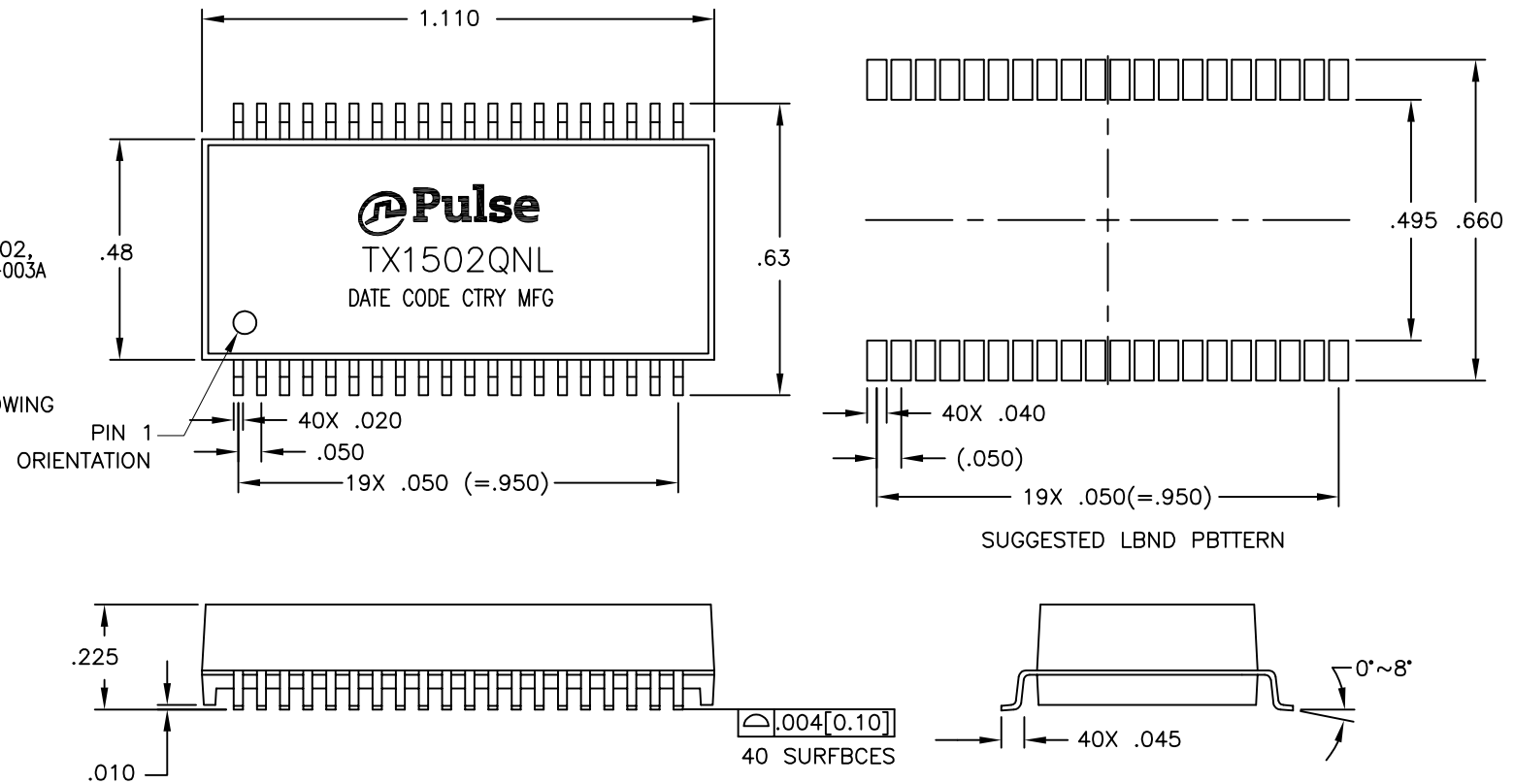


NOTES: UNLESS OTHERWISE SPECIFIED

1.

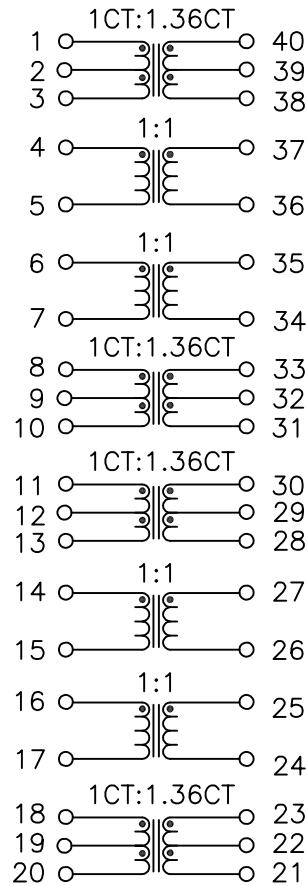
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS	✓

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: -40°C TO +85°C
5. STORAGE TEMPERATURE: -50°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1.
7. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:
.XX= ±.02
.XXX= ±.010



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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,OCTAL,T1,TOU,1CT:1.36CT,1:1,NL	PS-0002.002-B	1	TX1502QNL	M13



SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C

No.	PARAMETER	SPECIFICATION
1	TURNS RATIO: @10KHz, 0.1VRMS:	$\frac{(40-38)}{(1-3)} = \frac{(33-31)}{(8-10)} = \frac{(30-28)}{(11-13)} = \frac{(23-21)}{(18-20)} = 1.36 \pm 2\%$ $\frac{(1-2)}{(2-3)} = \frac{(40-39)}{(39-38)} = \frac{(4-5)}{(37-35)} = \frac{(6-7)}{(35-34)} = 1.0 \pm 2\%$ $\frac{(8-9)}{(9-10)} = \frac{(33-32)}{(32-31)} = \frac{(11-12)}{(12-13)} = \frac{(30-29)}{(29-28)} = 1.0 \pm 2\%$ $\frac{(14-15)}{(27-26)} = \frac{(16-17)}{(25-24)} = \frac{(18-19)}{(19-20)} = \frac{(23-22)}{(22-21)} = 1.0 \pm 2\%$
2	INDUCTANCE (OCL): @100KHz, 0.01VRMS	$(1-3)=(4-5)=(6-7)=(8-10) = 1.20 \text{ mH MINIMUM}$ $(11-13)=(14-15)=(16-17)=(18-20) = 1.20 \text{ mH MINIMUM}$
3	LEAKAGE INDUCTANCE (LL) @100 KHz, 0.01 VRMS	$(1-3) \text{ WITH } (40-38) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(8-10) \text{ WITH } (33-31) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(11-13) \text{ WITH } (30-28) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(18-20) \text{ WITH } (23-21) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(4-5) \text{ WITH } (35-37) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(6-7) \text{ WITH } (35-34) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(14-15) \text{ WITH } (27-26) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(16-17) \text{ WITH } (25-24) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$
4	CWW @ 100 KHz, 0.1 VRMS	$(1-3) \text{ TO } (40-38) = 30 \text{ pF MAXIMUM}$ $(8-10) \text{ TO } (33-31) = 30 \text{ pF MAXIMUM}$ $(11-13) \text{ TO } (30-28) = 30 \text{ pF MAXIMUM}$ $(18-20) \text{ TO } (23-21) = 30 \text{ pF MAXIMUM}$ $(4-5) \text{ TO } (35-37) = 30 \text{ pF MAXIMUM}$ $(6-7) \text{ TO } (35-34) = 30 \text{ pF MAXIMUM}$ $(14-15) \text{ TO } (27-26) = 30 \text{ pF MAXIMUM}$ $(16-17) \text{ TO } (25-24) = 30 \text{ pF MAXIMUM}$
5	DCR	$(1-3) = (4-5) = (6-7) = (8-10) = 0.7 \text{ OHMS MAXIMUM}$ $(11-13) = (14-15) = (16-17) = (18-20) = 0.7 \text{ OHMS MAXIMUM}$ $(24-25) = (26-27) = (34-35) = (36-37) = 0.7 \text{ OHMS MAXIMUM}$ $(21-23) = (28-30) = (31-33) = (38-40) = 1.0 \text{ OHMS MAXIMUM}$
6	HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS