
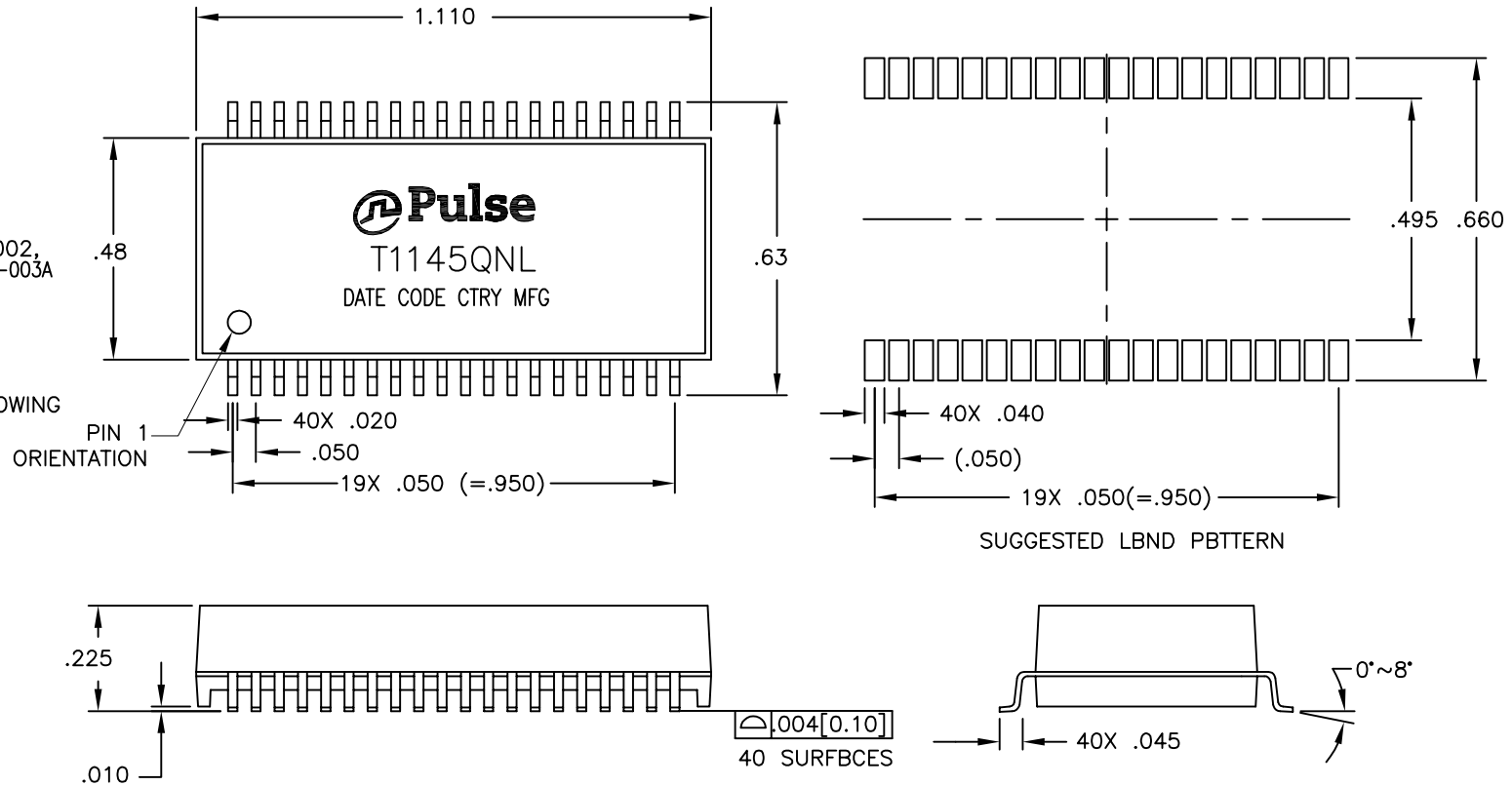


NOTES: UNLESS OTHERWISE SPECIFIED

1.

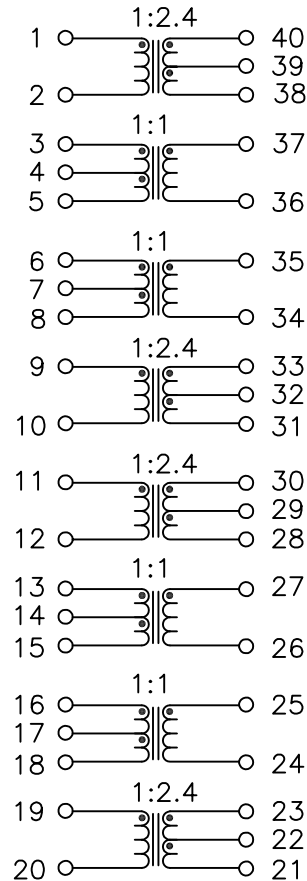
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS 	

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,1:2/2.4,1:0.79/1	PS-0002.002-B	1	T1145QNL	M14

ELECTRICAL CHARACTERISTICS AT +25°C



SCHEMATIC

No.	PARAMETER	SPECIFICATION
1	TURNS RATIO: @100KHz, 0.02VRMS:	$\frac{(40-39)}{(1-2)} = \frac{(33-32)}{(9-10)} = \frac{(30-29)}{(11-12)} = \frac{(23-22)}{(19-20)} = 2.0 \pm 2\%$ $\frac{(3-4)}{(37-36)} = \frac{(6-7)}{(35-34)} = \frac{(13-14)}{(27-26)} = \frac{(16-17)}{(25-24)} = 0.79 \pm 2\%$ $\frac{(40-38)}{(1-2)} = \frac{(33-31)}{(9-10)} = \frac{(30-28)}{(11-12)} = \frac{(23-21)}{(19-20)} = 2.4 \pm 2\%$ $\frac{(3-5)}{(37-36)} = \frac{(6-8)}{(35-34)} = \frac{(13-15)}{(27-26)} = \frac{(16-18)}{(25-24)} = 1.0 \pm 2\%$
2	INDUCTANCE (OCL): @10KHz, 0.1VRMS	$(1-2)=(37-36)=(35-34)=(9-10) = 1.0 \text{ mH MINIMUM}$ $(11-12)=(27-26)=(25-24)=(19-20) = 1.0 \text{ mH MINIMUM}$
3	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
4	CWW @ 100 KHz, 0.02 VRMS	$(1-2)$ TO $(40-38)$ = 35 pF MAXIMUM $(3-5)$ TO $(37-36)$ = 35 pF MAXIMUM $(6-8)$ TO $(35-34)$ = 35 pF MAXIMUM $(9-10)$ TO $(33-31)$ = 35 pF MAXIMUM $(11-12)$ TO $(30-28)$ = 35 pF MAXIMUM $(13-15)$ TO $(27-26)$ = 35 pF MAXIMUM $(16-18)$ TO $(25-24)$ = 35 pF MAXIMUM $(19-20)$ TO $(23-21)$ = 35 pF MAXIMUM
5	DCR	$(1-2) = (37-36) = (35-34) = (9-10) = 0.8 \text{ OHMS MAX}$ $(11-12) = (27-26) = (25-24) = (19-20) = 0.8 \text{ OHMS MAX}$
6	HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS