


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

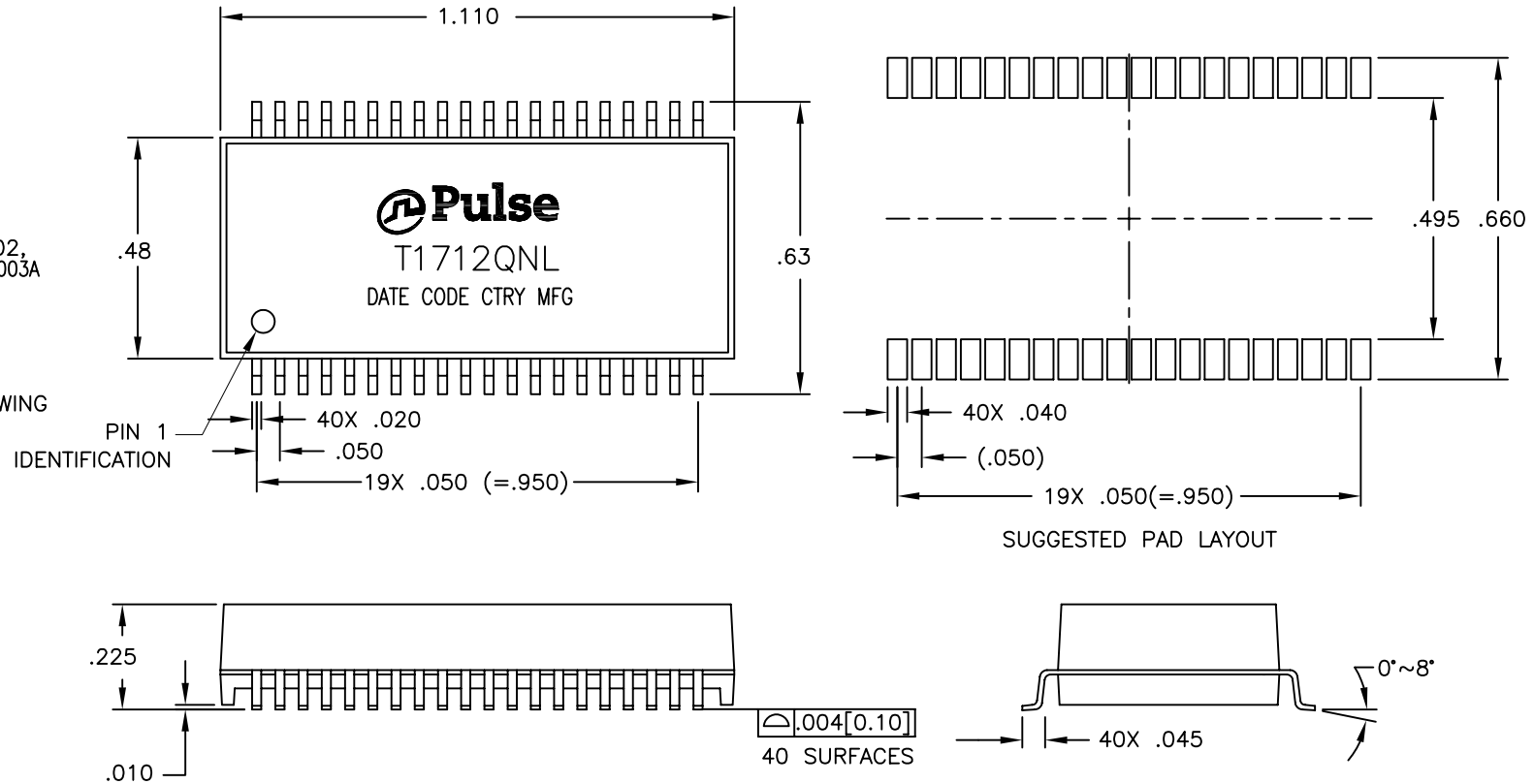
6. JEDEC MOISTURE: LEVEL 1.

7.

DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:

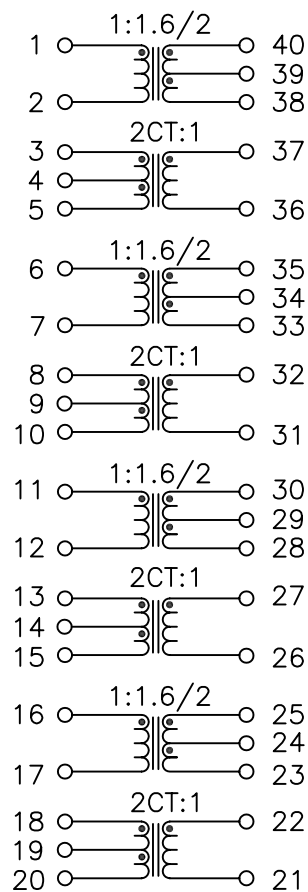
.XX = ±.02

.XXX = ±.010



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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,OCT,T1,TOU,1:1.6:2,2CT:1	PS-0002.002-B	1	T1712QNL	M11



SCHMATIC

ELECTRICAL CHARACTERISTICS AT +25°C

PARAMETER	SPECIFICATIONS
<b>URNS RATIO</b> @100 KHz, 0.02 VRMS	$\frac{(40-39)}{(1-2)} = \frac{(35-34)}{(6-7)} = \frac{(30-29)}{(11-12)} = \frac{(25-24)}{(16-17)} = 1.6 \pm 2\%$ $\frac{(40-38)}{(1-2)} = \frac{(35-33)}{(6-7)} = \frac{(30-28)}{(11-12)} = \frac{(25-23)}{(16-17)} = 2.0 \pm 2\%$ $\frac{(3-5)}{(37-36)} = \frac{(8-10)}{(32-31)} = \frac{(13-15)}{(27-26)} = \frac{(18-20)}{(22-21)} = 2.0 \pm 2\%$
<b>INDUCTANCE (OCL)</b> @10 KHz, 0.1 VRMS	$(1-2)=(6-7)=(11-12)=(16-17) = 1.20 \text{ mH MINIMUM}$ $(37-36)=(32-31)=(27-26)=(22-21) = 1.20 \text{ mH MINIMUM}$
<b>LEAKAGE INDUCTANCE (LL):</b> @100 KHz, 0.01 VRMS	$(1-2) \text{ WITH } (40-38) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(37-36) \text{ WITH } (3-5) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(6-7) \text{ WITH } (35-33) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(32-31) \text{ WITH } (8-10) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(11-12) \text{ WITH } (30-28) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(27-26) \text{ WITH } (13-15) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(16-17) \text{ WITH } (25-23) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$ $(22-21) \text{ WITH } (18-20) \text{ SHORTED} = 0.6 \text{ uH MAXIMUM}$
<b>INTERWINDING CAPACITANCE (CWW):</b> @100 KHz, 0.1 VRMS	$(1-2) \text{ TO } (40-38) = 35 \text{ pF MAXIMUM}$ $(3-5) \text{ TO } (37-36) = 35 \text{ pF MAXIMUM}$ $(6-7) \text{ TO } (35-33) = 35 \text{ pF MAXIMUM}$ $(8-10) \text{ TO } (32-31) = 35 \text{ pF MAXIMUM}$ $(11-12) \text{ TO } (30-28) = 35 \text{ pF MAXIMUM}$ $(13-15) \text{ TO } (27-26) = 35 \text{ pF MAXIMUM}$ $(16-17) \text{ TO } (25-23) = 35 \text{ pF MAXIMUM}$ $(18-20) \text{ TO } (22-21) = 35 \text{ pF MAXIMUM}$
DCR	$(1-2) = (6-7) = (11-12) = (16-17) = 1.0 \text{ OHMS MAX}$ $(37-36) = (32-31) = (27-26) = (22-21) = 0.70 \text{ OHMS MAX}$ $(3-5) = (8-10) = (13-15) = (18-20) = 1.2 \text{ OHMS MAX}$ $(40-38) = (35-33) = (30-28) = (25-23) = 2.0 \text{ OHMS MAX}$
INPUT - OUTPUT ISOLATION	1500 VRMS FOR 60 SECONDS