


SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C

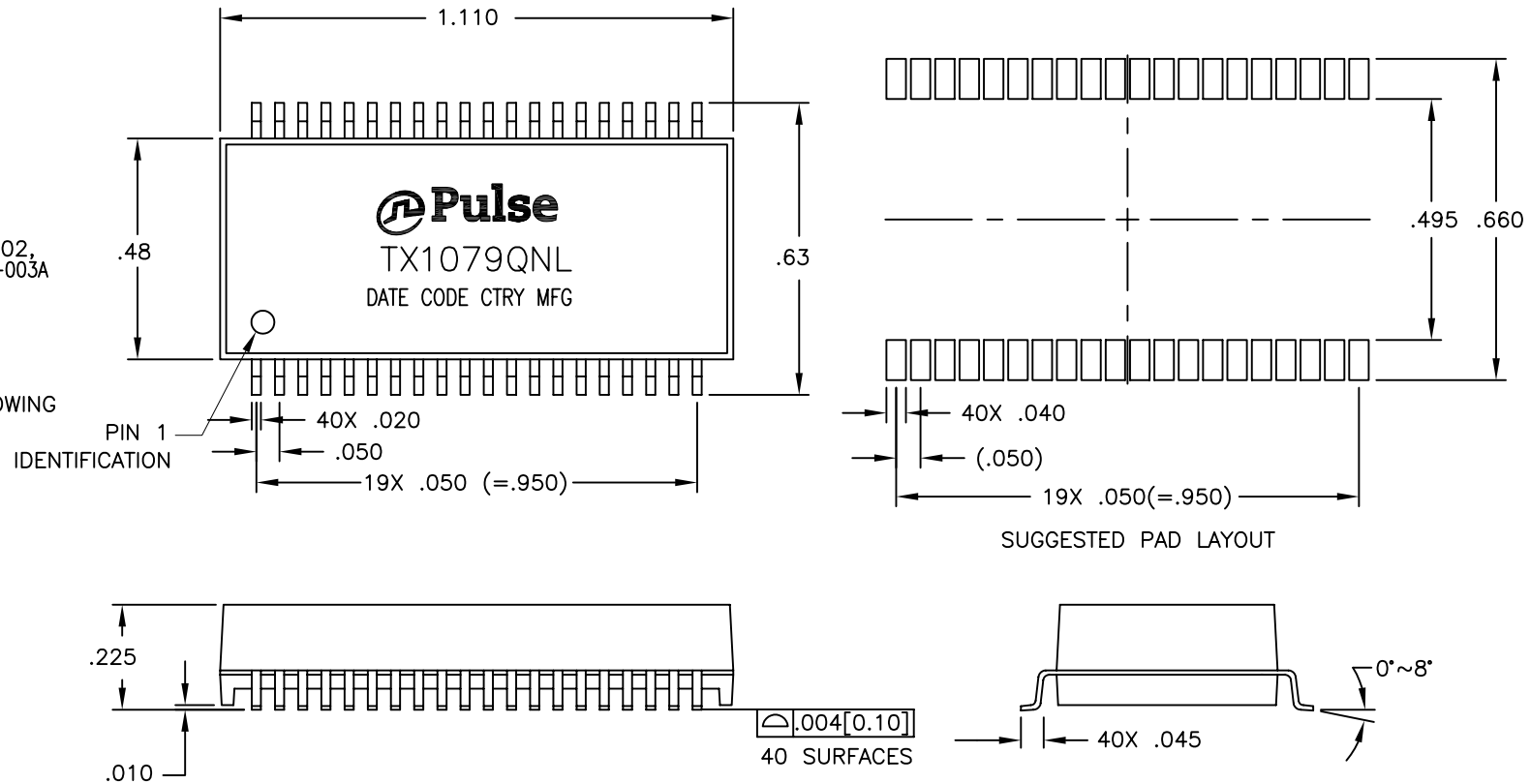
No.	PARAMETER	SPECIFICATION
1	TURNS RATIO: @100KHz, 0.02VRMS:	$\frac{(40-39)}{(1-2)} = \frac{(35-34)}{(6-7)} = \frac{(30-29)}{(11-12)} = \frac{(25-24)}{(16-17)} = 2.0 \pm 2\%$ $\frac{(38-37)}{(3-4)} = \frac{(33-32)}{(8-9)} = \frac{(28-27)}{(13-14)} = \frac{(23-22)}{(18-19)} = 1.15 \pm 2\%$
2	INDUCTANCE (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) WITH (40-39) SHORTED = 0.5 uH MAXIMUM (3-4) WITH (38-37) SHORTED = 0.5 uH MAXIMUM (6-7) WITH (35-34) SHORTED = 0.5 uH MAXIMUM (8-9) WITH (33-32) SHORTED = 0.5 uH MAXIMUM (11-12) WITH (30-29) SHORTED = 0.5 uH MAXIMUM (13-14) WITH (28-27) SHORTED = 0.5 uH MAXIMUM (16-17) WITH (25-24) SHORTED = 0.5 uH MAXIMUM (18-19) WITH (23-22) SHORTED = 0.5 uH MAXIMUM
4	CWW @ 100 KHz, 0.1 VRMS	(1-2) TO (40-39) = 35 pF MAXIMUM (3-4) TO (38-37) = 35 pF MAXIMUM (6-7) TO (35-34) = 35 pF MAXIMUM (8-9) TO (33-32) = 35 pF MAXIMUM (11-12) TO (30-29) = 35 pF MAXIMUM (13-14) TO (28-27) = 35 pF MAXIMUM (16-17) TO (25-24) = 35 pF MAXIMUM (18-19) TO (23-22) = 35 pF MAXIMUM
5	DCR	(1-2) = (3-4) = (6-7) = (8-9) = 0.8 OHMS MAX (11-12) = (13-14) = (16-17) = (18-19) = 0.8 OHMS MAX
6	HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS

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,OCT,T1,OPEN,1:2, 1:1.15	PS-0002.002-B	1	TX1079QNL	M14