
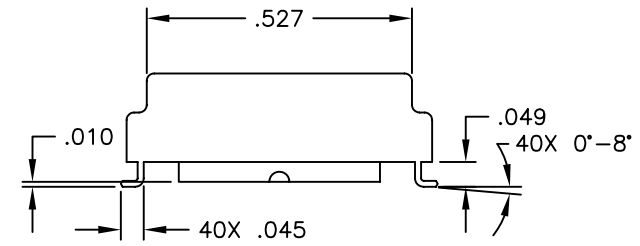
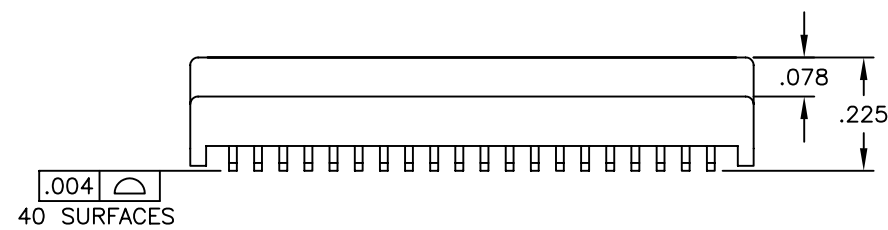
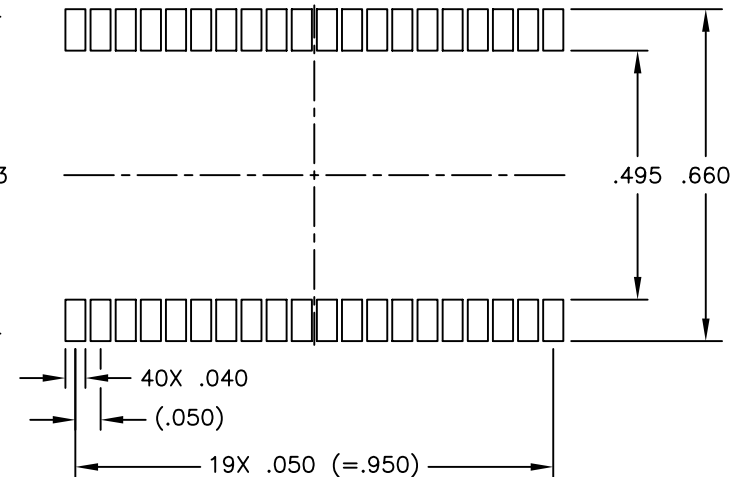
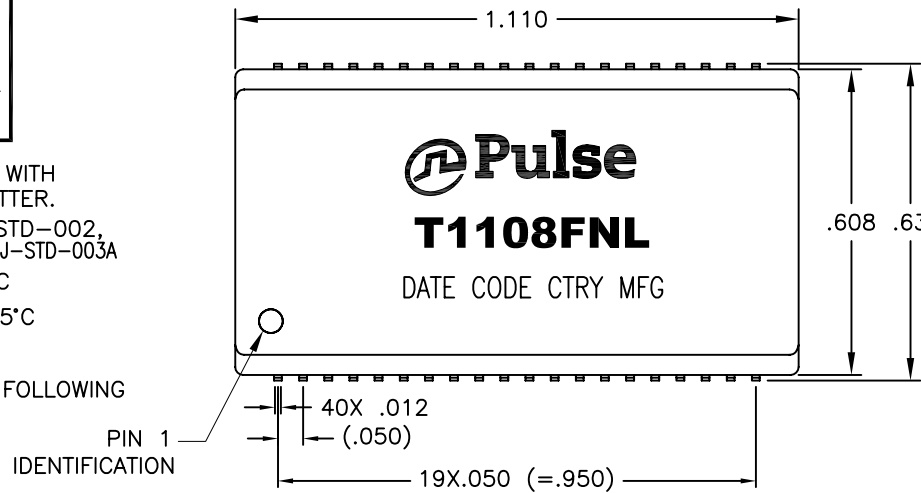


NOTES: UNLESS OTHERWISE SPECIFIED

1.

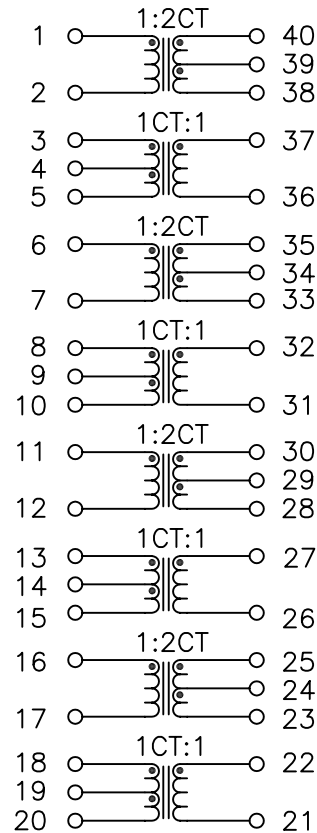
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS	

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  
 8. REVISION: MP1,MP2, ..... ARE PRELIMINARY.



PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,OCT,T1,TOU,ET,1:2CT,1CT:1	PS-2743.001-A	1	T1108FNL	MP1

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	$(1-2) \text{ WITH } (40-38) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(6-7) \text{ WITH } (35-33) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(11-12) \text{ WITH } (30-28) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(16-17) \text{ WITH } (25-23) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(37-36) \text{ WITH } (3-5) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(32-31) \text{ WITH } (8-10) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(27-26) \text{ WITH } (13-15) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(22-21) \text{ WITH } (18-20) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$
4	CWW @ 100 KHz, 1 VRMS	$(1-2) \text{ TO } (40-38) = 35 \text{ pF MAXIMUM}$ $(6-7) \text{ TO } (35-33) = 35 \text{ pF MAXIMUM}$ $(11-12) \text{ TO } (30-28) = 35 \text{ pF MAXIMUM}$ $(16-17) \text{ TO } (25-23) = 35 \text{ pF MAXIMUM}$ $(37-36) \text{ TO } (3-5) = 35 \text{ pF MAXIMUM}$ $(32-31) \text{ TO } (8-10) = 35 \text{ pF MAXIMUM}$ $(27-26) \text{ TO } (13-15) = 35 \text{ pF MAXIMUM}$ $(22-21) \text{ TO } (18-20) = 35 \text{ pF MAXIMUM}$
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