

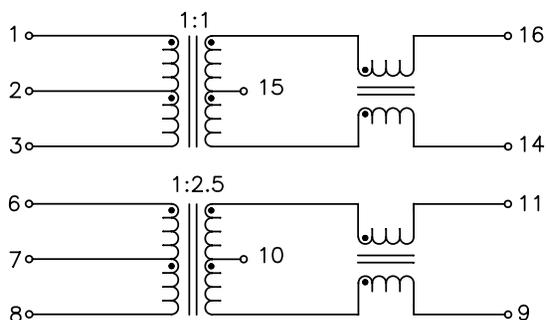
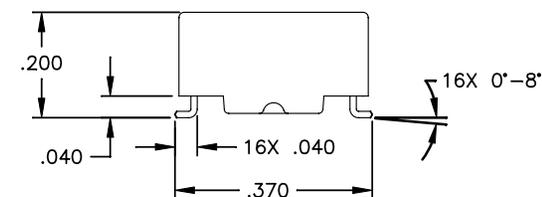
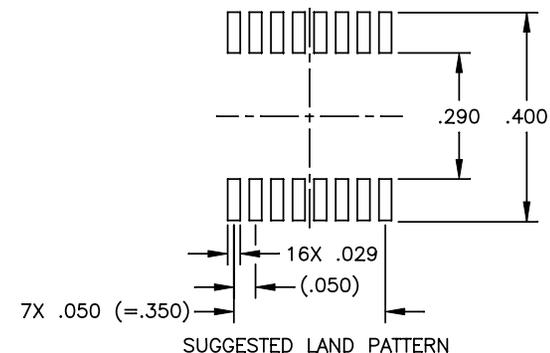
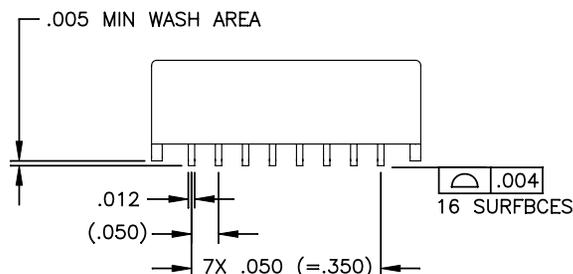
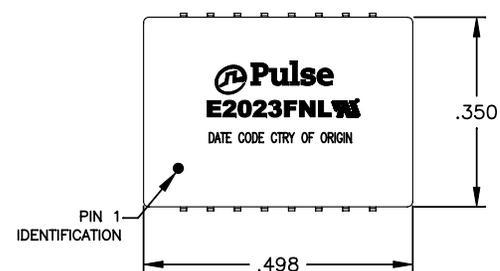
NOTES: UNLESS OTHERWISE SPECIFIED

- THIS COMPONENT CONFORMS TO UL60950-1.UL FILE NO. IS: E133523.

	<b>WARNING:</b> THIS COMPONENT IS RECOGNIZED BY ONE OR MORE SAFETY AGENCIES SUCH AS UL, VDE, CSA AND/OR TUV. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER PRODUCT SAFETY DEPARTMENT FOR SAFETY AGENCY COMPLIANCE.	<b>EDN APPROVAL:</b> <b>QA APPROVAL:</b> <b>DATE:</b>
	<b>NOTICE:</b> THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.	
		

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- PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
- OPERATING TEMPERATURE: 0°C TO +70°C
- STORAGE TEMPERATURE: -20°C TO +125°C
- JEDEC MOISTURE: LEVEL 1.
- DIMENSIONS ARE IN MILLIMETERS WITH THE FOLLOWING TOLERANCES:  
.XX = ±.02 .XXX = ±.010
- REVISION: MP1,MP2, ..... ARE PRELIMINARY.



SCHEMATIC - PINS 4, 5, 12 AND 13 NOT CONNECTED

ELECTRICAL CHARACTERISTICS AT +25°C

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C - 70°C	
TURNS RATIO	(1-3):(16-14) = 1CT : 1CT ±3% (6-8):(11-9) = 1CT : 2.5CT ±3%	
POLARITY	PER SCHEMATIC	
INDUCTANCE (OCL)	1-3 = 200 uH MIN AT 100 KHZ, 20 mVRMS 6-8 = 35 uH MIN AT 100 KHZ, 20 mVRMS	
LEAKAGE INDUCTANCE	(1-2) = 0.4 uH MAX WITH 14-16 SHORTED (6-7) = 0.25 uH MAX WITH 9-11 SHORTED (100 KHZ, 20 mV)	
DC RESISTANCE	(1-2) = (2-3) = (6-7) = (7-8) = 0.6 OHM MAX (10-11) = (9-10) = (15-16) = (14-15) = 1.0 OHM MAX	
CWW	15 pF MAX AT 100 KHZ, 1 VRMS	
COMMON MODE REJECTION	1-30 MHz	40-100 MHz
	-50 dB MIN	-40 dB MIN
BETWEEN CHANNEL ISOLATION	1500 VAC MIN @ 60 SECONDS	

PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,10D,1:2.5,SM,TU	PS-2753.001-A	1	E2023FNL	MP1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

[E2023FNL](#)