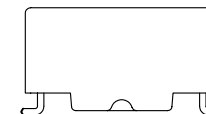
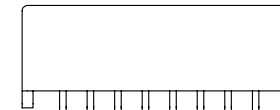


NOTES:

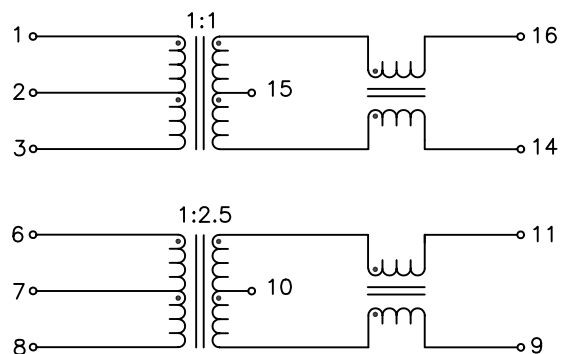
1. ROHS COMPLIANT
2. HEADER: PHENOLIC WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e E2023FNL BECOMES E2023FNLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:2.5,SM,TU	E2023FNL-11	PS-2753.001-A	1 OF 3	E2023FNL	A



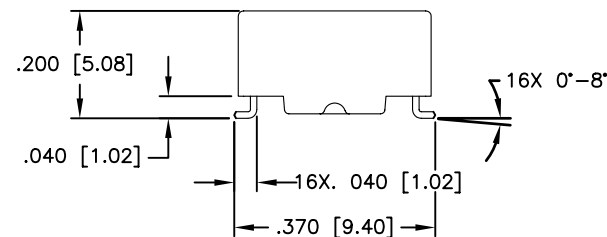
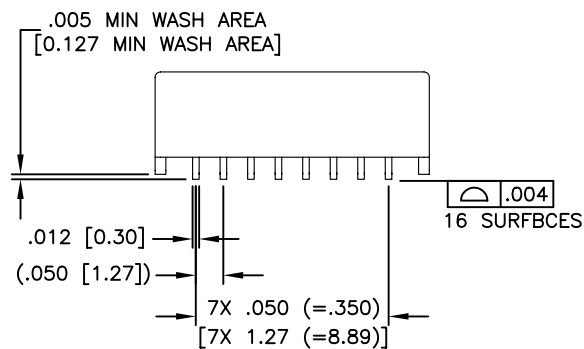
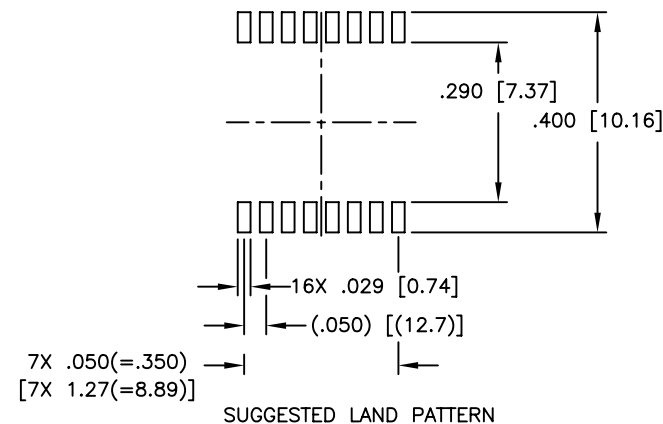
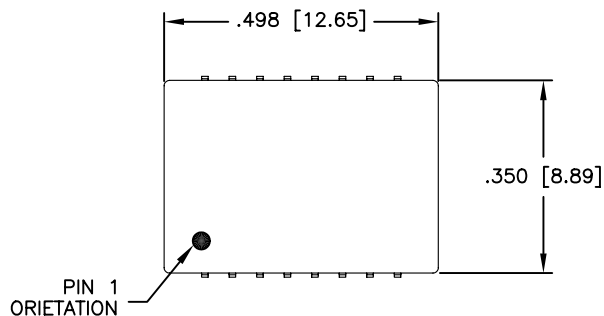
SCHEMATIC – PINS 4, 5, 12 AND 13 NOT CONNECTED

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

PARAMETER	SPECIFICATIONS	
OPERATING TEMPERATURE	0°C – 70°C	
URNS RATIO	$(1-3):(16-14) = 1CT : 1CT \pm 3\%$ $(6-8):(11-9) = 1CT : 2.5CT \pm 3\%$	
POLARITY	PER SCHEMATIC	
INDUCTANCE (OCL)	$1-3 = 200 \mu H$ MIN AT 100 KHZ, 20 mVRMS $6-8 = 35 \mu H$ MIN AT 100 KHZ, 20 mVRMS	
LEAKAGE INDUCTANCE	$(1-2) = 0.4 \mu H$ MAX WITH 14-16 SHORTED $(6-7) = 0.25 \mu H$ MAX WITH 9-11 SHORTED (100 KHz, 20 mV)	
DC RESISTANCE	$(1-2) = (2-3) = (6-7) = (7-8) = 0.6 \text{ OHM MAX}$ $(10-11) = (9-10) = (15-16) = (14-15) = 1.0 \text{ OHM MAX}$	
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	

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DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.  
.XX=  $\pm 0.01$  [ $\pm 0.25$ ]  
.XXX=  $\pm 0.005$  [ $\pm 0.13$ ]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:2.5,SM,TU	E2023FNL-11	PS-2753.001-A	3 OF 3	E2023FNL	A

# Mouser Electronics

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E2023FNLT