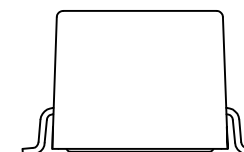
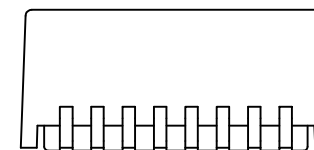
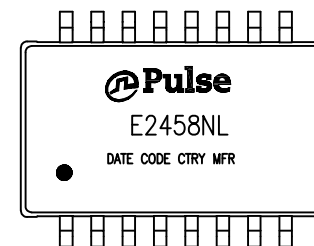


NOTES:

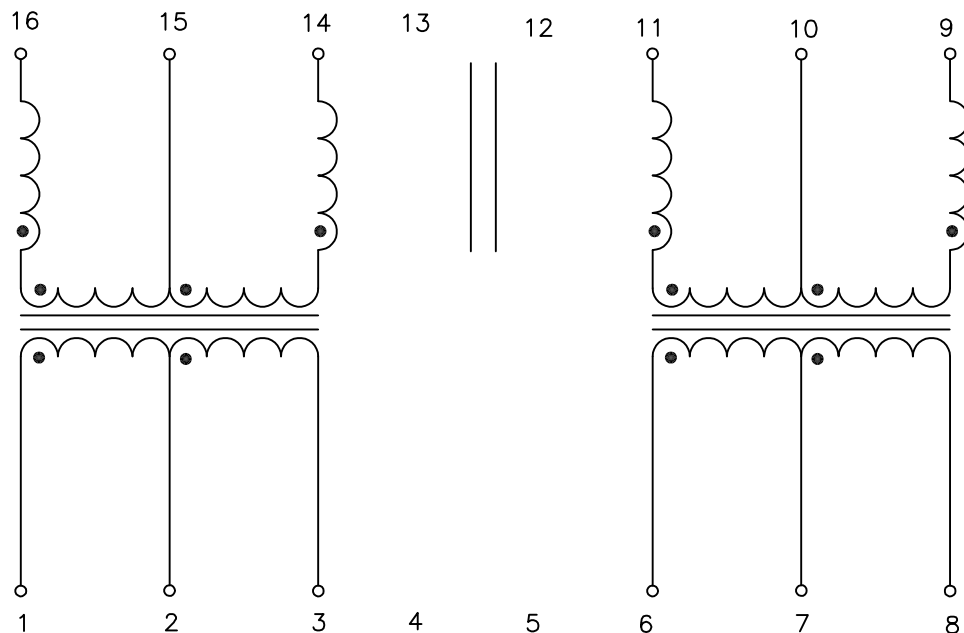
1. ROHS COMPLIANT
2. HEADER: PHENOLIC WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. OPERATIONAL TEMPERATURE: 0°C TO +70°C
STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e E2458NL BECOMES E2458NLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1.414,SM,OH	E2458NL-14	PS-0125.001-C	1 OF 3	E2458NL	A



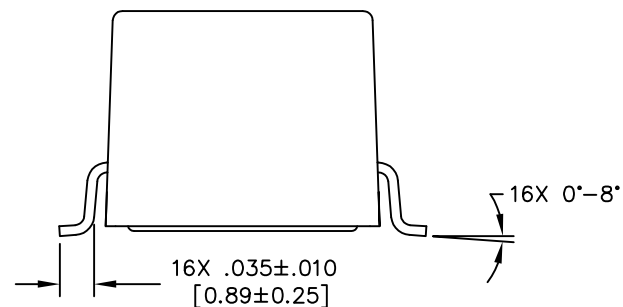
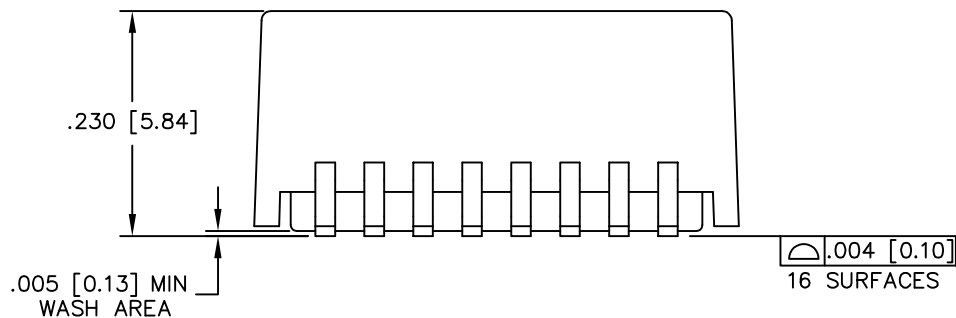
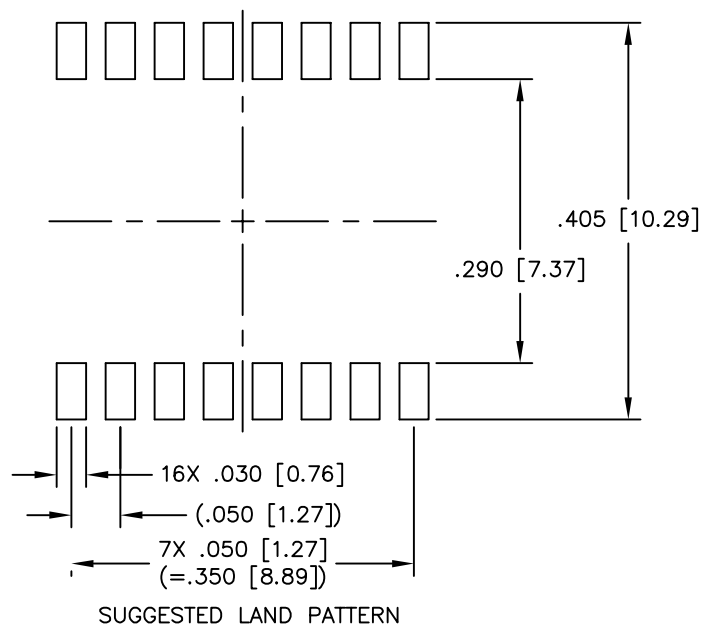
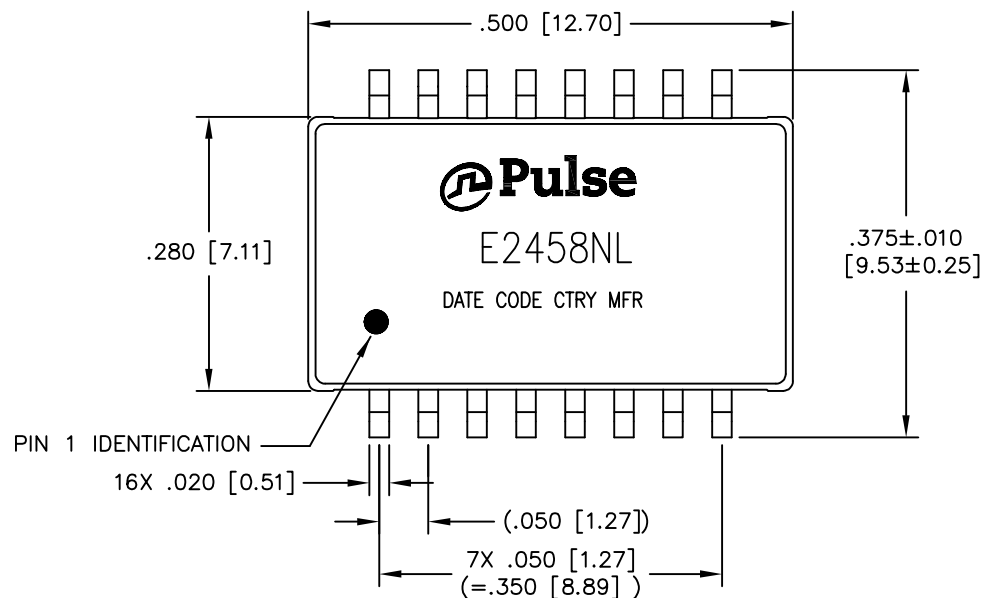
SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

PARAMETER	SPECIFICATIONS		
TURNS RATIO	(1-3) : (14-16) = 1CT:1CT ±2%		
	(6-8) : (11-9) = 1CT:1.414CT ±2%		
CAPACITANCE WINDING TO WINDING	12 pF MAX (AT 100 KHz 20 mVRMS)		
DC RESISTANCE	0.3 OHMS MAX		
IMPEDANCE	10-20 MHZ	30 MHZ	70-100 MHZ
	700 OHMS MIN	600 OHMS MIN	200 OHMS MIN
INDUCTANCE (OCL)	(1-3) = 160 uH MINIMUM.		
	(6-8) = 160 uH MINIMUM.		
	(16-14)-15 = 68 uH MINIMUM.		
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS		

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1.414,SM,OH	E2458NL-14	PS-0125.001-C	2 OF 3	E2458NL	A



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
 .XX= ±.01 [±0.25]
 .XXX= ±.005 [±0.13]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1.414,SM,OH	E2458NL-14	PS-0125.001-C	3 OF 3	E2458NL	A