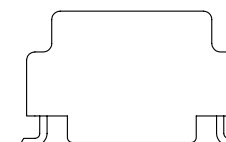
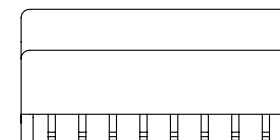
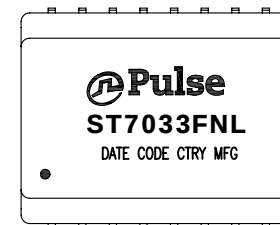


NOTES:

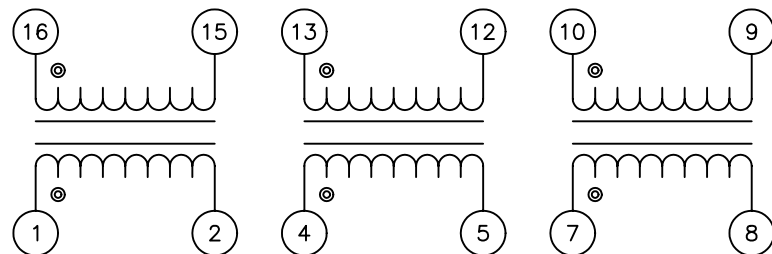
1. ROHS COMPLIANT
2. HEADER: PHENOLIC WITH FLAMMABILITY
RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX
TO THE PART NUMBER(i.e ST7033FNL BECOMES ST7033FNLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1,SM,TU	ST7033FNL-10	PS-2755.001-A	1 OF 3	ST7033FNL	A



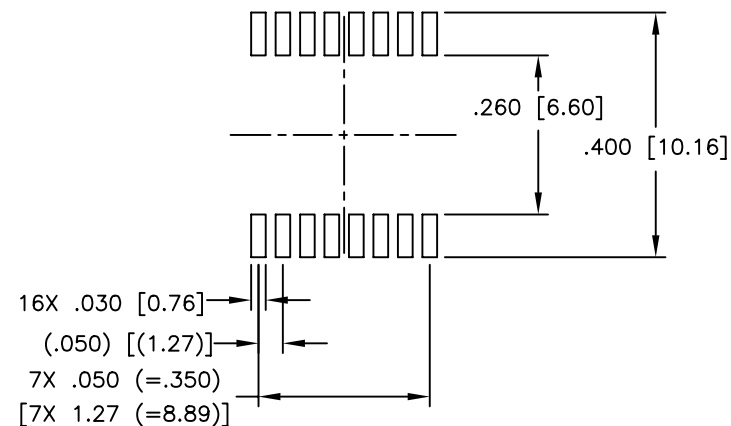
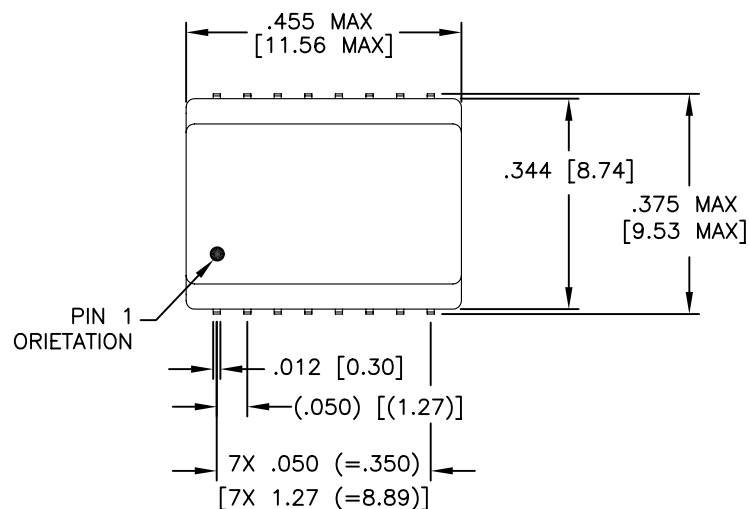
SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

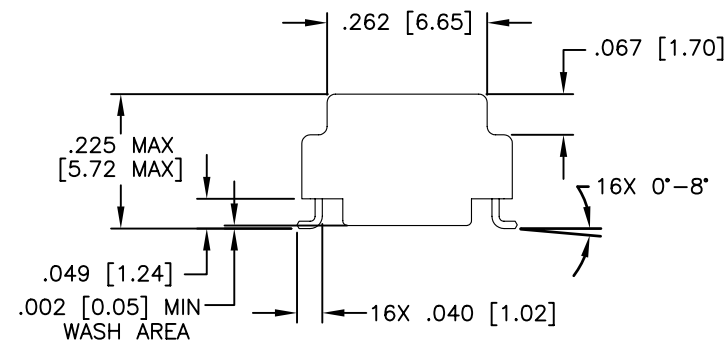
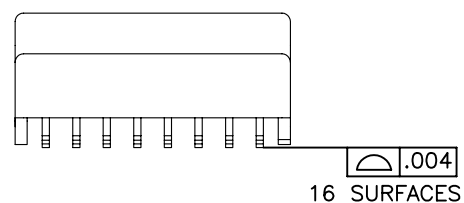
PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C ~ +70°C
POLARITY	PER SCHEMATIC
URNS RATIO	$(1-2)/(16-15) = (4-5)/(13-12) = 1 \pm 5\%$ $(7-8)/(10-9) = 1 \pm 5\%$
INDUCTANCE (OCL)	90 uH MINIMUM (AT 10 KHz, 20 mV)
DC RESISTANCE	0.9 OHMS MAX
LL	.25 uH MAX (AT 1 MHz MINIMUM).
CWW	10 pF MAX (AT 140 KHz, 1 V)
INPUT TO OUTPUT ISOLATION	1500 VRMS FOR 60 SECONDS

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1,SM,TU	ST7033FNL-10	PS-2755.001-A	2 OF 3	ST7033FNL	A



SUGGESTED LAND PATTERN



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

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1,SM,TU	ST7033FNL-10	PS-2755.001-A	3 OF 3	ST7033FNL	A