

NOTES:

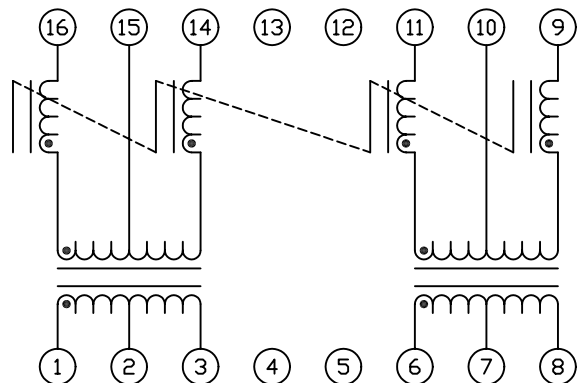
1. ROHS COMPLIANT
2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e ST4202FNL BECOMES ST4202FNLT).



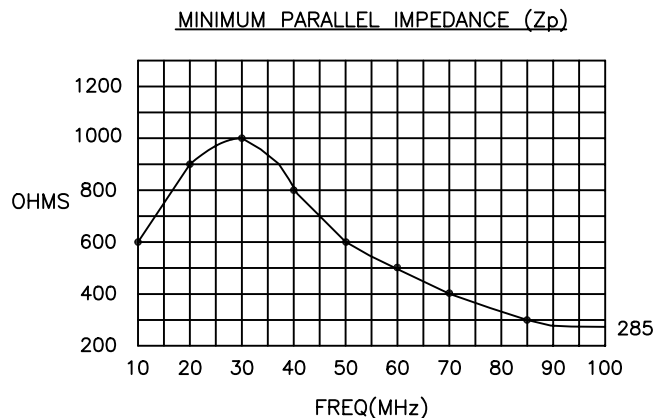
FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:2,SM,TU	ST4202FNL-11	PS-2005.002-D	1 OF 3	ST4202FNL	A



SCHEMATIC



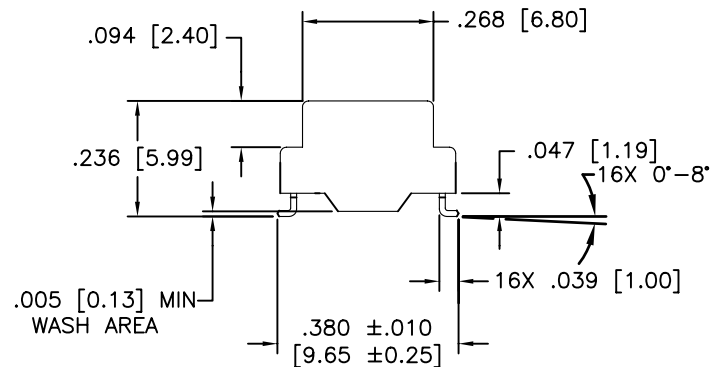
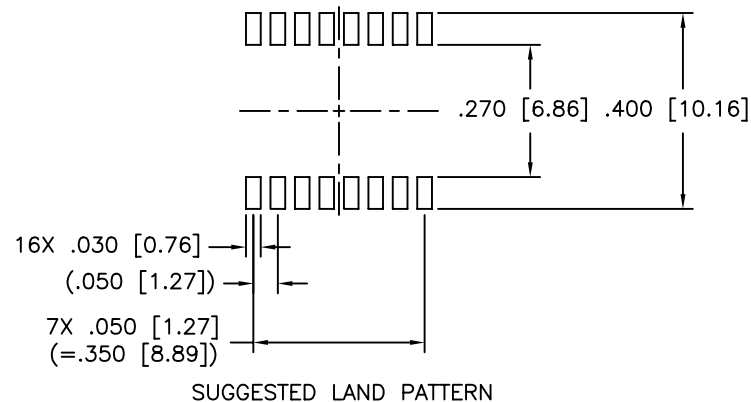
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C – 70 °C
POLARITY	PER SCHEMATIC
URNS RATIO	$\frac{(1-3)}{(16-14)} = 1.0 \pm 2\%$ $\frac{(11-9)}{(6-8)} = 2.0 \pm 2\%$
INDUCTANCE (OCL) (MEDIA SIDE, 0°C–70°C)	(1–3) = 120uH MIN. AT 10 mV, 10 KHz (6–8) = 20uH MIN. AT 10 mV, 10 KHz (15 TO 14 & 16 SHORTED)=18–45uH AT .01 VRMS MAX, 100KHz)
LEAKAGE INDUCTANCE	(1–3, SHORT 16–14) = 0.4uH MAX AT 1 MHz, 1V (6–8, SHORT 11–9) = 0.2uH MAX AT 1 MHz, 1V
CWW	15 pF MAX, 100 KHz, 1V
DC RESISTANCE	0.9 OHMS MAX
HIPOT (PRI TO SEC)	1500 VRMS MIN @ 60 SECONDS

NOTE: f IS FREQUENCY IN MHz.

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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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