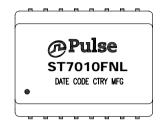
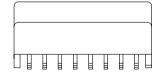




NOTES:

- 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
- TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX
 TO THE PART NUMBER(i.e ST7010FNL BECOMES ST7010FNLT).







FINAL OUTLINE

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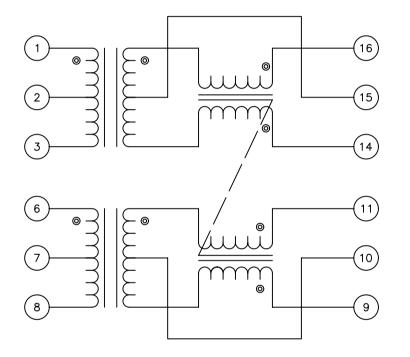
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1.414 SM,TU	ST7010FNL-10	PS-2755.001-A	1 OF 3	ST7010FNL	A

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SCHEMATIC

PARAMETER	SPECIFICATIONS					
OPERATING TEMPERATURE	0°C ~ +70°C					
POLARITY	PER SCHEMATIC					
TURNS RATIO	$(6-8)/(11-9) = 1 : 1.414 \pm 5\%$ $(1-3)/(16-14) = 1 : 1 \pm 5\%$					
INDUCTANCE (OCL) © 20 mV, 10 KHz	(1-3) = 175 uH MIN (6-8) = 80 uH MIN 15-(14, 16) = 18-60 uH					
DC RESISTANCE	0.9 OHMS MAX					
LL	(1−3) SHORTED (14−16) = .40 uH MAX @ 1 MHz MIN (9−11) SHORTED (6−8) = .55 uH MAX @ 1 MHz MIN					
CWW	20 pF MAX (AT 140 KHz, 1 V)					
BETWEEN CHANNEL ISOLATION	1500 VRMS FOR 60 SECONDS					
Zp 15-(14, 16)	10 MHz	20-30 MHz	55 MHz	70 MHz	100 MHz	
	650 OHMS	950 OHMS MIN	550 OHMS MIN	400 OHMS MIN	200 ОНМЗ	MIN

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

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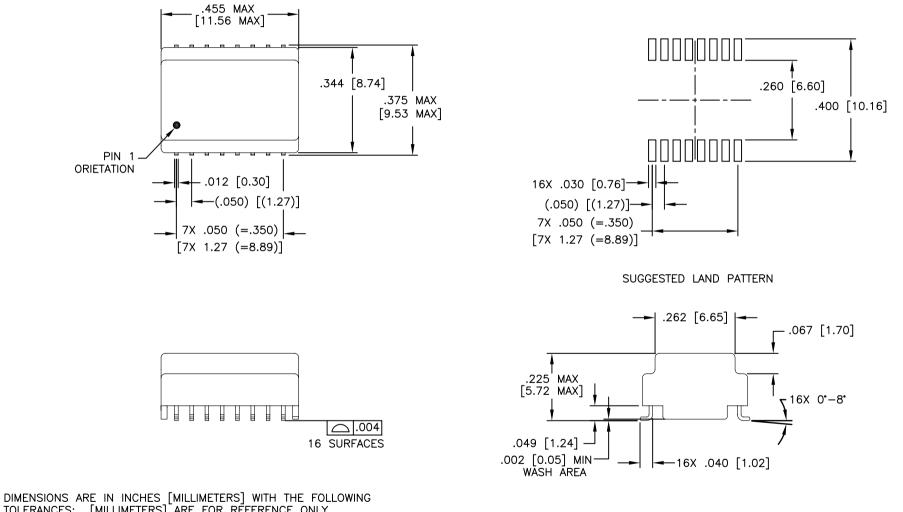
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1.414 SM,TU	ST7010FNL-10	PS-2755.001-A	2 OF 3	ST7010FNL	А

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

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10D,1:1.414 SM,TU	ST7010FNL-10	PS-2755.001-A	3 OF 3	ST7010FNL	А

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