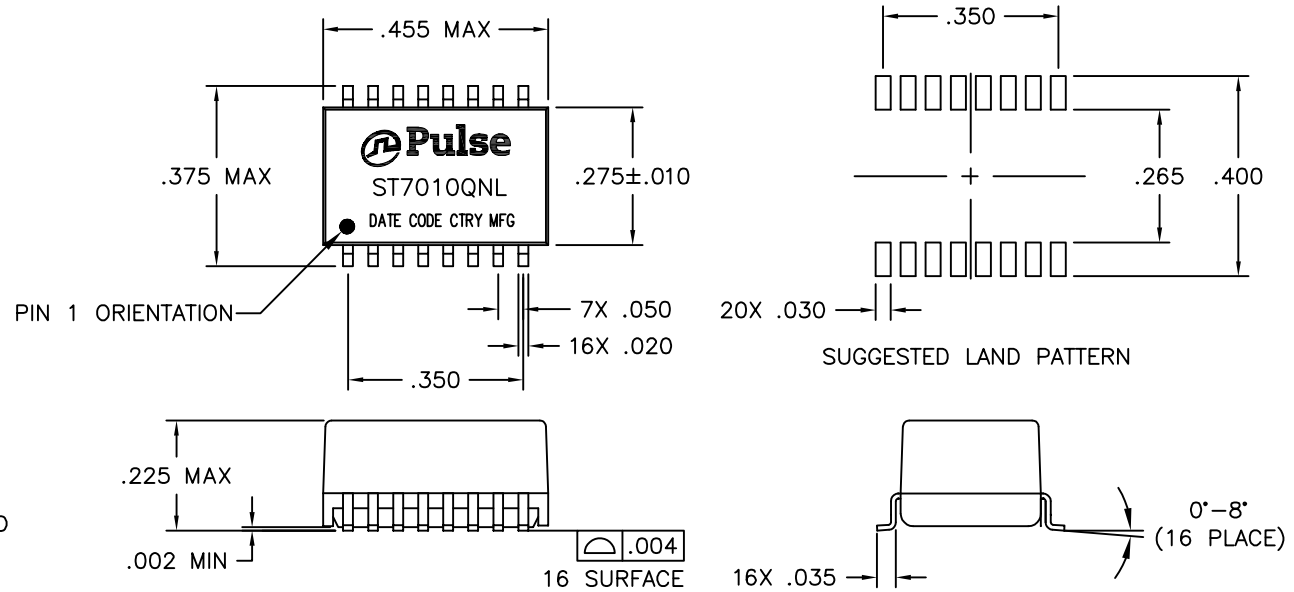


NOTES: UNLESS OTHERWISE SPECIFIED

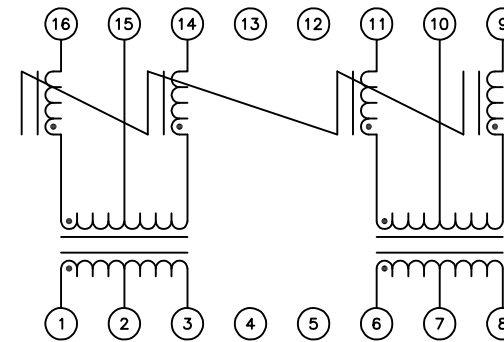
1. ROHS COMPLIANT
2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
4. OPERATING TEMPERATURE: 0°C TO +70°C
5. STORAGE TEMPERATURE: -20°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1.
7. DIMENSIONS ARE IN INCHES, TOLERANCES:
.XX = ±.01 .XXX = ±.005



ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATIONS										
URNS RATIO	(1-3) : (16-14) = 1 : 1 ±5% (6-8) : (11-9) = 1 : 1.414 ±5%										
INDUCTANCE (OCL)	@ 20 mV, 10 KHz (1-3) = 175 uH MIN (6-8) = 80 uH MIN 15-(14, 16) = 18-60 uH										
CAPACITANCE WINDING TO WINDING	20 pF MAX (@ 140 KHz, 1 V)										
DC RESISTANCE (EACH WINDING)	0.9 OHMS MAX										
LEAKAGE INDUCTANCE	(1-3) SHORTED (14-16) = .40 uH MAX @ 1 MHz MIN (9-11) SHORTED (6-8) = .55 uH MAX @ 1 MHz MIN										
IMPEDENCE (OHMS)	<table border="1"> <tr> <td>10 MHz</td> <td>20-30 MHz</td> <td>55 MHz</td> <td>70 MHz</td> <td>100 MHz</td> </tr> <tr> <td>650 MIN</td> <td>950 MIN</td> <td>550 MIN</td> <td>400 MIN</td> <td>200 MIN</td> </tr> </table>	10 MHz	20-30 MHz	55 MHz	70 MHz	100 MHz	650 MIN	950 MIN	550 MIN	400 MIN	200 MIN
10 MHz	20-30 MHz	55 MHz	70 MHz	100 MHz							
650 MIN	950 MIN	550 MIN	400 MIN	200 MIN							
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS										

NOTE: f IS FREQUENCY IN MHz.



SCHEMATIC

© Copyright, 2011. Pulse Electronics Corp. All rights reserved. Drawing specifications subject to change without notice. (04/28/11)

PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,10D,2:1,SMT,0H	PS-2400.001-A	1	ST7010QNL	M13