



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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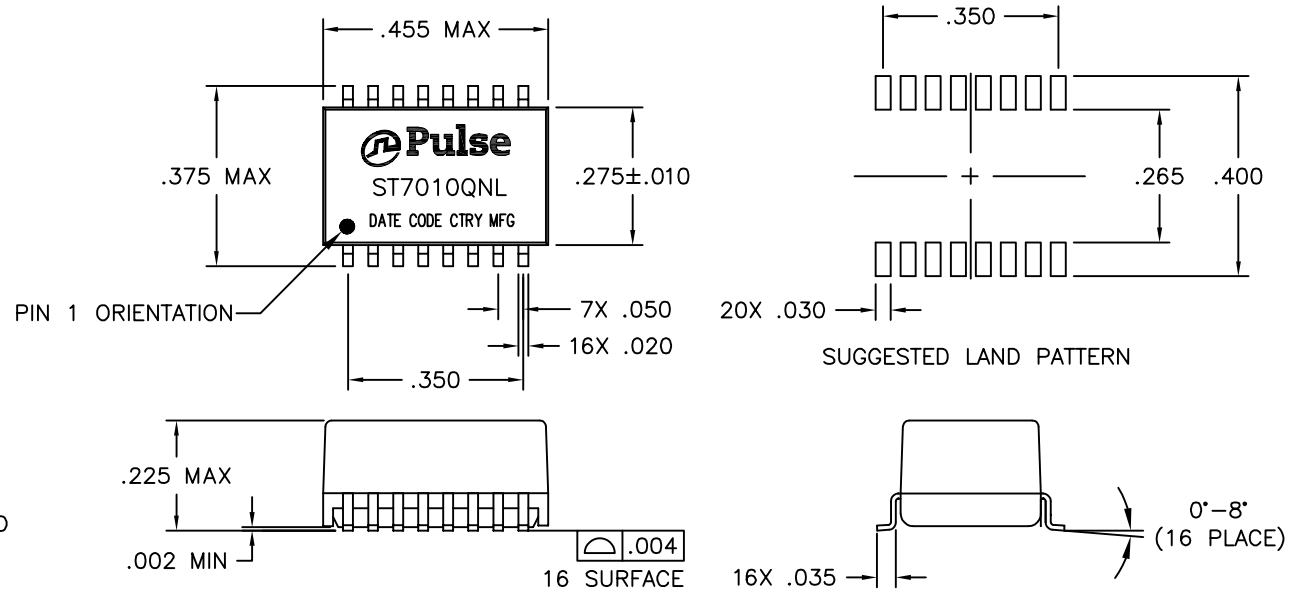
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



NOTES: UNLESS OTHERWISE SPECIFIED

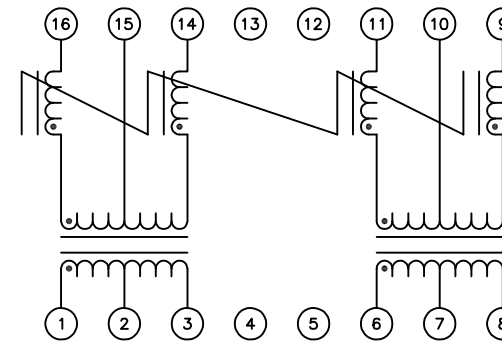
1. ROHS COMPLIANT
2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
4. OPERATING TEMPERATURE: 0°C TO +70°C
5. STORAGE TEMPERATURE: -20°C TO +125°C
6. JEDEC MOISTURE: LEVEL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

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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