

NOTICE: THE INFORMATION AND DESIGN CONTAINED HEREIN IS THE PROPERTY OF PULSE WHO RESERVES ALL RIGHTS THERETO.

CUSTOMER INFORMATION

CUST. NAME: _____
CUST. DWG: _____

NOTES: _____
CUST. REV.: _____

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	APPROVED
10	A RELEASE	098510	03APR06	HEZHANG
11	CHANGE ONE OF THE PIN 10 TO PIN 15.	129554	25MAY07	BEZHOU
12	REMOVE CIRCLE R FROM PULSE LOGO	133705	29AUG07	YWONG

NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET THIS SPECIFICATION PER PULSE PQ: 7.004.000 AND STANDARDS REFERENCED THEREIN.
2. LIST PQ REFERENCES AS NECESSARY.
PQ: _____
PQ: _____

3. QUALIFIED TO PLAN NUMBER: _____
OR
QUALIFIED BY SIMILARITY TO PRODUCT PART NUMBER: H0068ANL
UNDER QUALIFICATION PLAN NUMBER: PQ:6.100.2522

4.

NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT.
RoHS 	ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.

SEE SEPARATE PARTS LIST

ITEM	QTY	UM	PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATIONS
PARTS LIST					
APPROVALS		DATE		 CDC	
DRAWN JYAO		30MAR06			
CHECKED LRLEE		30MAR06			
DESIGN ENGR HEZHANG		30MAR06			
MECHANICAL ENGR AAN		30MAR06			
MFG/PROCESS ENGR HPWANG		30MAR06			
PROGRAM MGR/PRODUCT MGR JSUNG		30MAR06			
QUALITY ENGR LRLEE		30MAR06			
SIZE CAGE CODE DWG. NO. B 01961 ST7010QNL REV 12					
SCALE CADD FILE				ST7010QNL SHEET 1 OF 5	

UNLESS OTHERWISE SPECIFIED, ALL
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

DECIMALS		ANGLES
.XX	$\pm .01$	$\pm 1^\circ$
.XXX	$\pm .005$	

DO NOT SCALE DRAWING

MATERIAL

FINISH

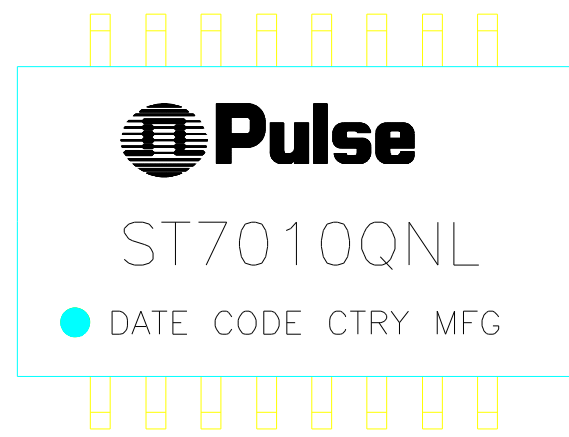
12OCT2004

ST7010QNL

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FINAL OUTLINE NOTES:

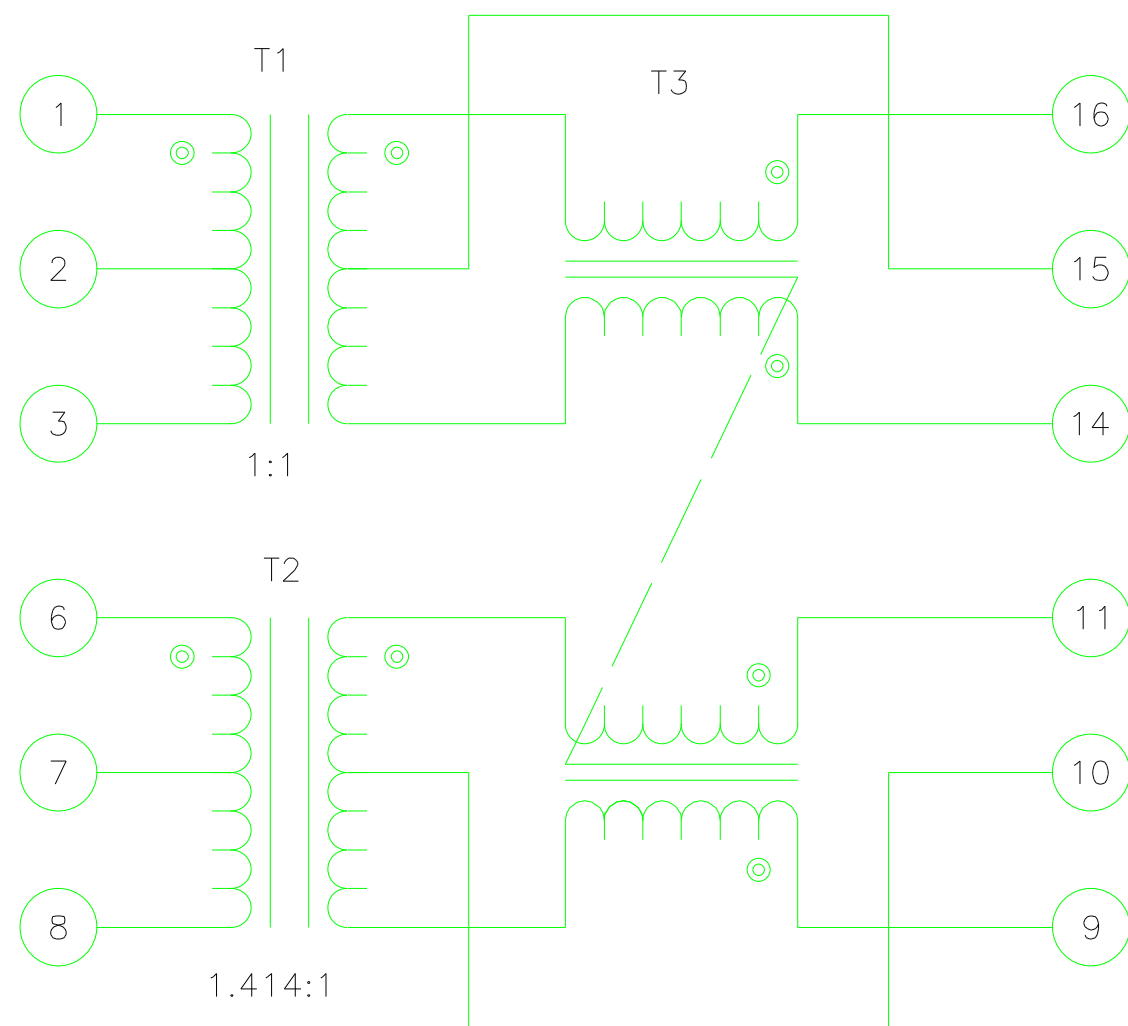
1. CHECK DIMENSIONS PER MECHANICAL DRAWING PACKAGE ITEM 7.



ELECTRICAL CHARACTERISTICS:
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

Electrical @ 25°C

PARAMETER	SPECIFICATIONS				
URNS RATIO	(6-8)/(11-9) = 1 : 1.414 ± 5% (1-3)/(16-14) = 1 : 1 ± 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 MIN @ 60 SECONDS				
Zp	10 MHz	20-30 MHz	55 MHz	70 MHz	100 MHz
	650 OHMS	950 OHMS MIN	550 OHMS MIN	400 OHMS MIN	200 OHMS MIN



SCHEMATIC

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE:

DECIMALS .XX ±.01 .XXX ±.005 ANGLES ± 1°

DO NOT SCALE DRAWING

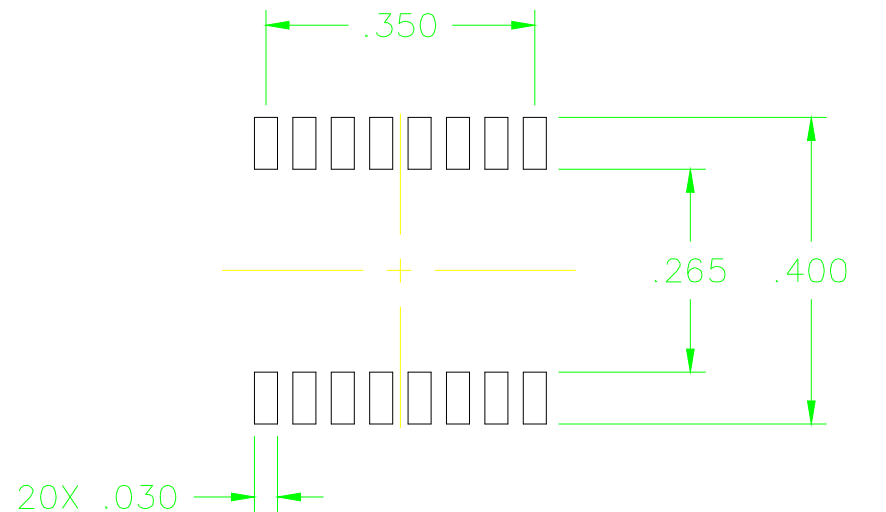
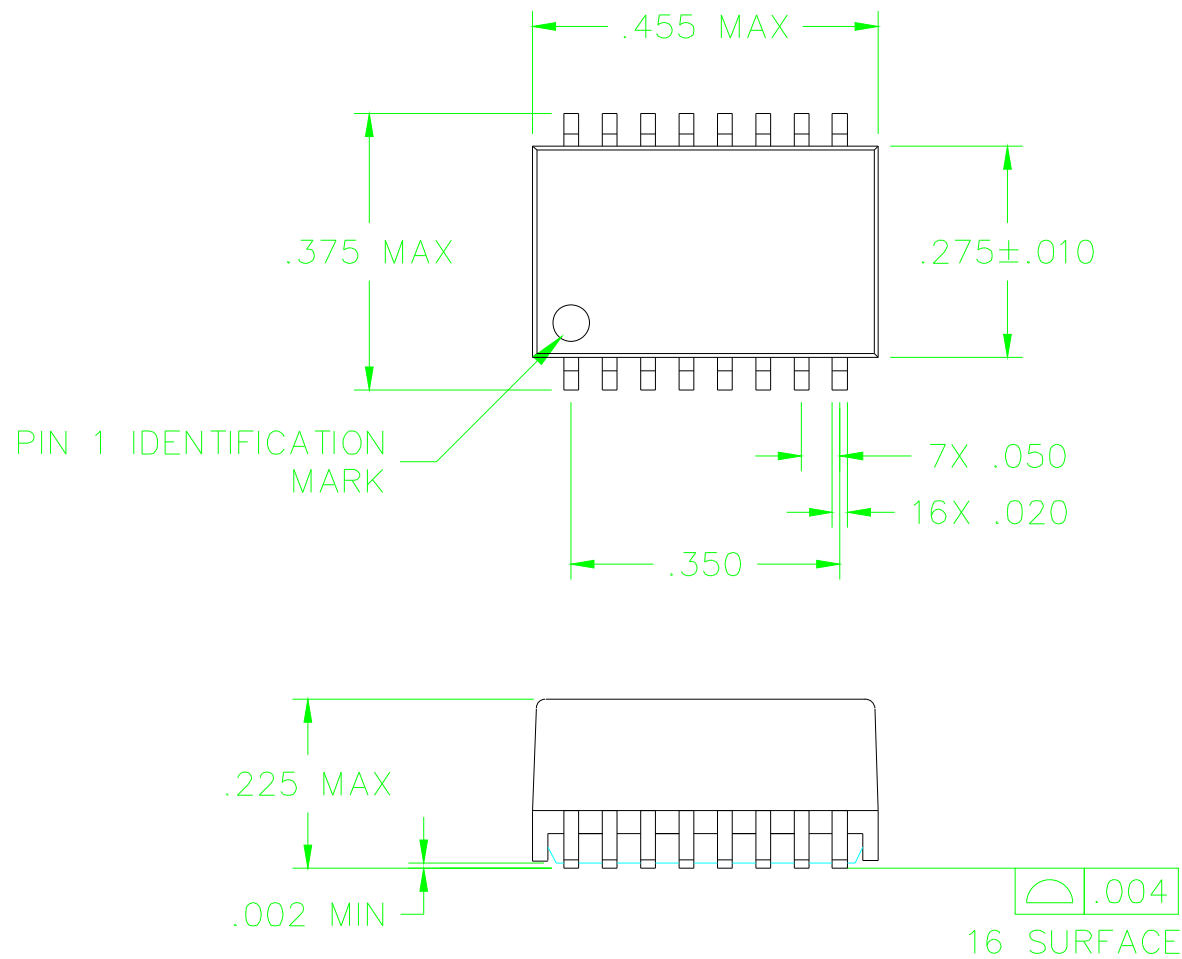
SIZE	CAGE CODE	DWG. NO.	REV.
B01961		ST7010QNL	12
SCALE	CADD FILE	SHEET	
NONE	ST7010QNL-5	5 OF 5	

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REV	DESCRIPTION	ECN	DATE	APPROVED
A	NEW RELEASE		08DEC04	

1. INTERPRET THIS SPECIFICATION PER PULSE PQ: 7.004.000
AND STANDARDS REFERENCED THEREIN.
2. LIST PQ REFERENCES AS NECESSARY.
PQ: 4.008.000



Technical drawing of a mechanical part showing dimensions and tolerances:

- Dimension: $16 \times .035$
- Angle: $0^{\circ} - 8^{\circ}$ (16 PLACE)

ITEM	QTY	UM	PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATIONS
PARTS LIST					
APPROVALS		DATE		 CDC	
DRAWN A. AN		03AUG05		TITLE PACKAGE SPEC, 16 PIN. SMT	
CHECKED J. YAO		03AUG05			
DESIGN ENGR A AN		03AUG05			
MECHANICAL ENGR					
MFG/PROCESS ENGR HP WANG		03AUG05			
PROGRAM MGR/PRODUCT MGR JULIA SUNG		03AUG05		SIZE CAGE CODE DWG. NO. B 01961 PS-2400.001 REV. A	
QUALITY ENGR Da CHAN		03AUG05		SCALE CADD FILE NONE PS-2400.001-1 SHEET 1 OF 1	

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