

ST4202TNL

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REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	APPROVED
11	NEW RELEASE	-	09APR07	BEZHOU

NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET THIS SPECIFICATION PER PULSE PQ: 7.004.000 AND STANDARDS REFERENCED THEREIN.

<small>UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE:</small> DECIMALS ANGLES .XX ±.01 ± 1° .XXX ±.005 DO NOT SCALE DRAWING	APPROVALS	DATE		CDC				
	DRAWN	AHE 09APR07						
	CHECKED		TITLE	DATASHEET				
	DESIGN ENGR	BEZHOU 09APR07	SIZE		CAGE CODE	DWG. NO.	REV.	
MECHANICAL ENGR	DAWANG 09APR07	B	01961		ST4202TNL	11		
MATERIAL			SCALE	NONE	CADD FILE	ST4202TNL-1	SHEET	1 OF 3
FINISH			QUALITY ENGR	LCHENG 09APR07				

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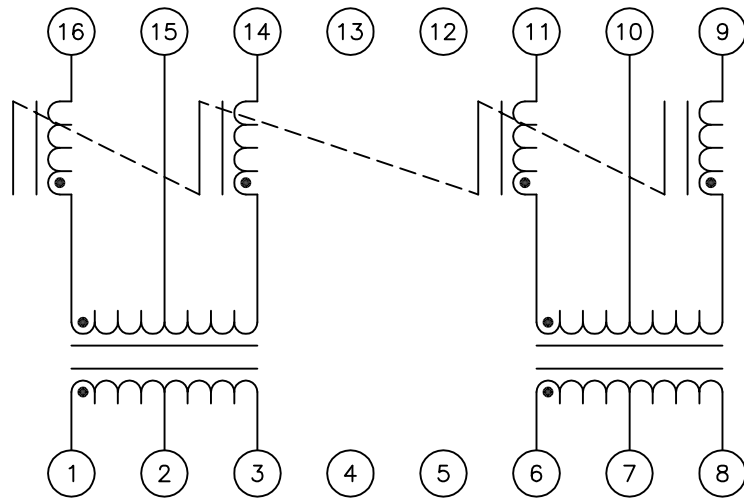
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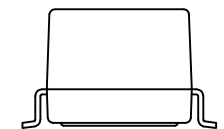
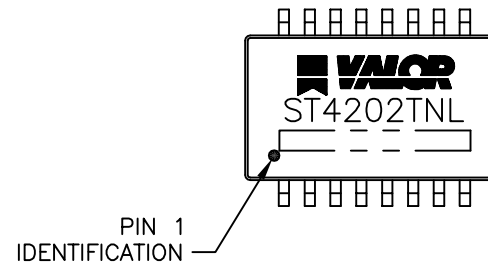
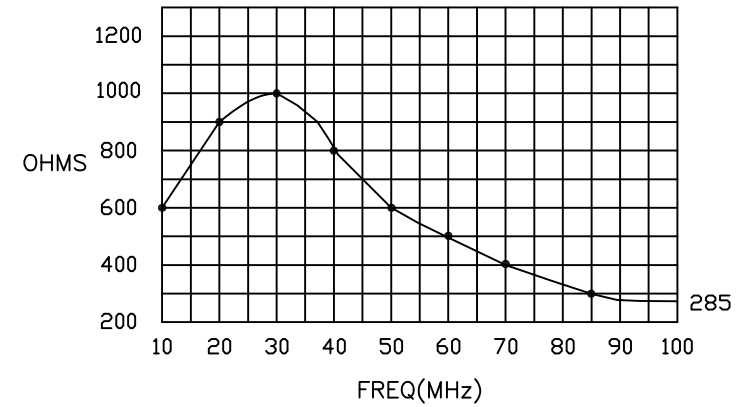
Electrical @ 25°C

PARAMETER	SPECIFICATIONS
URNS RATIO	(1-2-3 TO 16-15-14) = 1:1 ±5% (6-7-8 TO 11-10-9) = 1:2 ±5%
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 (15-14 & 16) = 18-45uH AT .01 VRMS MAX, 100 KHz
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
BETWEEN CHANNEL ISOLATION	1500 VRMS MIN @ 60 SECONDS



SCHMATIC

MINIMUM PARALLEL IMPEDANCE (Zp)



FINAL OUTLINE

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

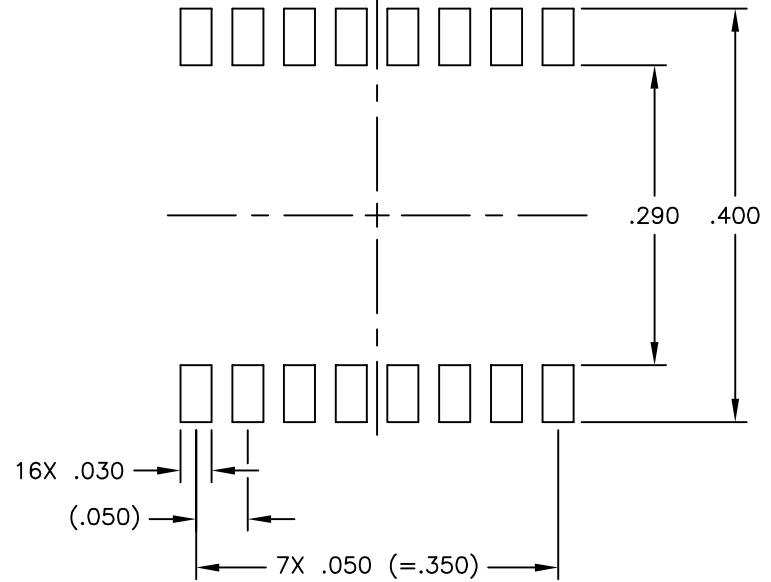
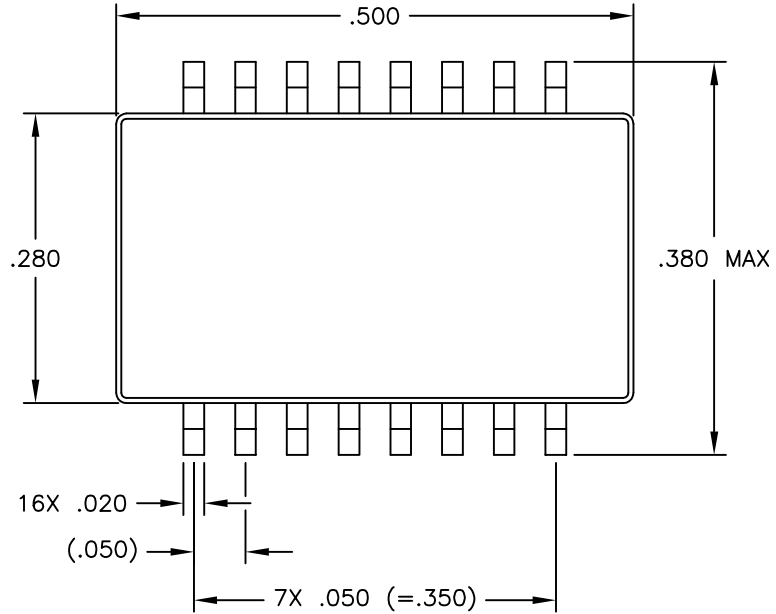
DECIMALS .XX ±.01 ± 1'
.XXX ±.005

DO NOT SCALE DRAWING

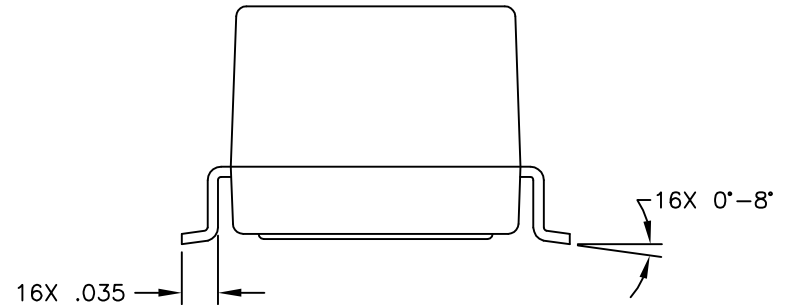
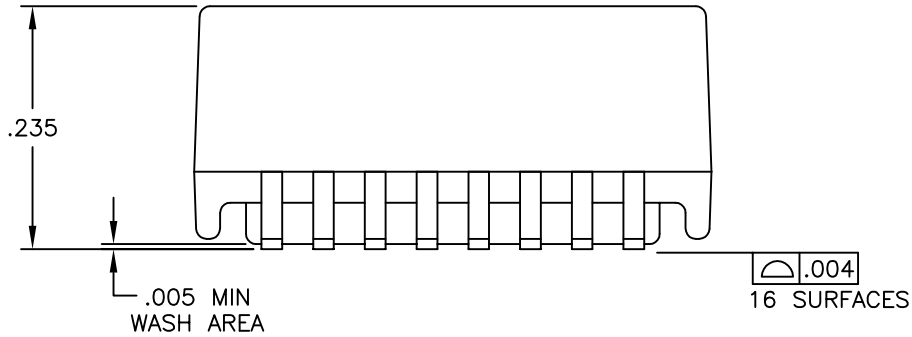
SIZE	CAGE CODE	DWG. NO.	REV.
B	01961	ST4202TNL	11
SCALE	CADD FILE	SHEET	
NONE	ST4202TNL-2	2 OF 3	

ST4202TNL

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SUGGESTED LAND PATTERN



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

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

DO NOT SCALE DRAWING

SIZE	CAGE CODE	DWG. NO.	REV
8/1	B01961	ST4202TNL	11
SCALE	CADD FILE	SHEET	
	ST4202TNL-3	3 OF 3	