

PA3092NL

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TEST NOTES:

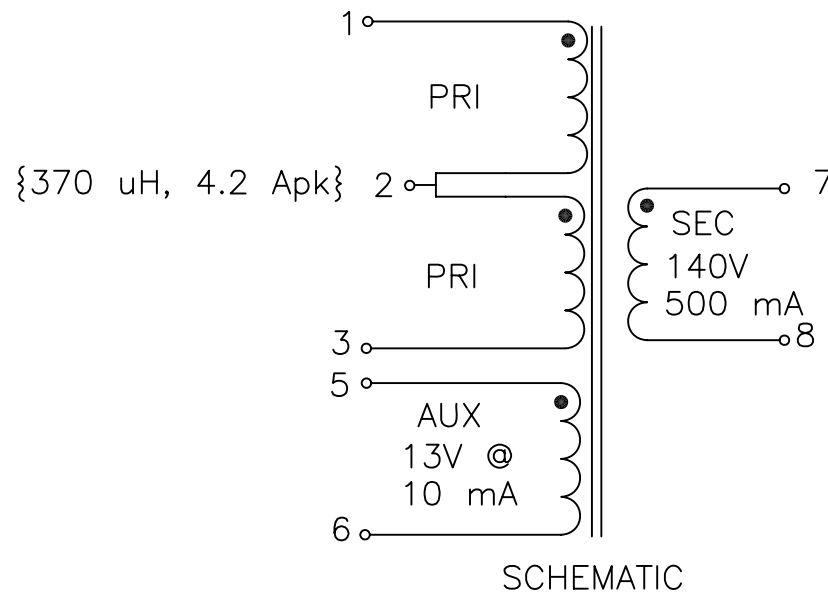
UNLESS OTHERWISE SPECIFIED, TESTING IS PERFORMED AT 25°C ±5°C.

1. TURNS RATIO & POLARITY: (100%) AT 10 KHz, 1.00 VRMS.
USE UNGAPPED CORES.
(1*-2) : (2*-3) ; 1:1 = 1.00 ±2%.
(1*-3) : (5*- 6); 3:1 = 3.0 ±2%.
(1*-3) : (7*-8) ; 1:1 = 1.00 ±2%.
2. INDUCTANCE: (100%) AT 10 KHz, 260 mVRMS.
(1-3) = 370 uH ±10% @0 ADC
(1-3) = 296 uH MINIMUM @4.2 ADC
3. LEAKAGE INDUCTANCE: (SAMPLE) AT 120 KHz, 260 mVRMS.
(1-3) WITH (5,,6,7,8) SHORTED = 7.0 uH MAX
4. DCR: (SAMPLE)
(1-2) = 80 mOHMS(TYP), 92 mOHMS(MAX)
(7-8) = 155 mOHMS(TYP), 180 mOHMS(MAX)
(2-3) = 125 mOHMS(TYP), 140 mOHMS(MAX)
(5-6) = 315 mOHMS(TYP), 330 mOHMS(MAX)
5. HIPOT: (100%)
(1,2,3,5,6) TO (7,8) : 1500 VRMS, 1 MINUTE
(1,2,3) TO (5-6) : 500 VRMS, 1 MINUTE

TOPOLOGY: SEPIC, PFC,
DM-FLYBACK

VIN = 95-305 VAC

FREQUENCY = 45-120 KHz.



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

DECIMALS ANGLES
.XX ±.01 ± 1°
.XXX ±.005
DO NOT SCALE DRAWING

SIZE CAGE CODE
B01961
SCALE 2/1 CADD FILE

DWG. NO.

PA3092NL

REV
X3

PA3092NL-4

SHEET 4 OF 5

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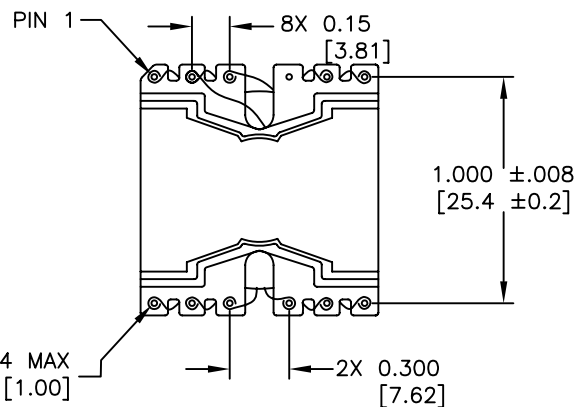
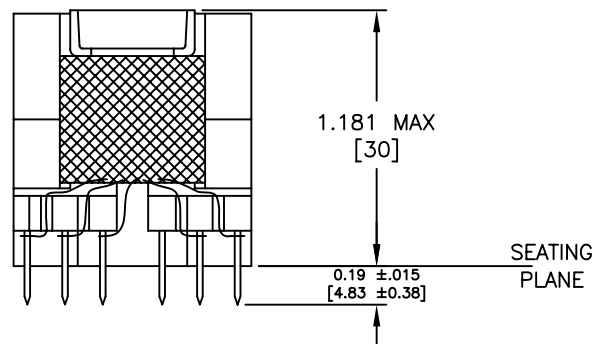
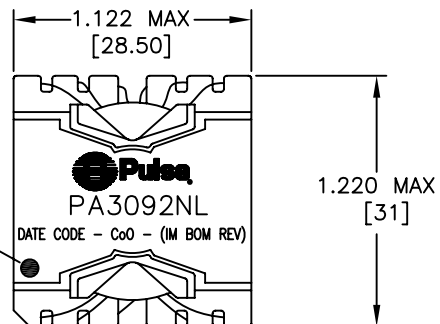
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DOT TO INDICATE
PIN 1.



FINAL OUTLINE

NOTE: DIMENSIONS IN [] ARE IN MILLIMETERS

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
B01961	PA3092NL		X3
SCALE 2/1	CADD FILE	PA3092NL-5	SHEET 5 OF 5