

PA2396ANL

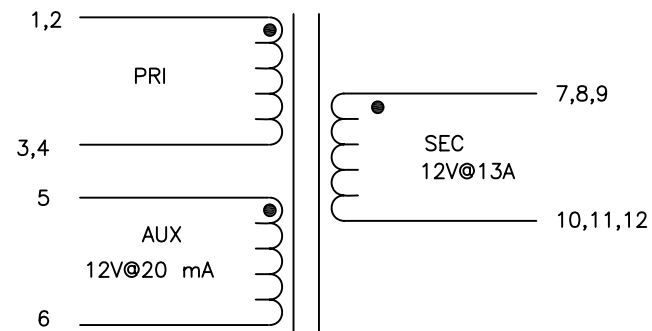
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TEST NOTES:

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

- POLARITY AND TURNS RATIO (100%) @ 100KHz, 100 mVRMS
TURNS [USE UNGAPPED CORES]:
(1'-3) : (2'-4); 1:1 = 1.00 ±2%
(1'-3) : (5'-6); 2:1 = 2.00±2%
(1'-3) : (7',8',9'-10,11,12); 2:1 = 2.00±2%
- INDUCTANCE: @ 100 KHz, 100 mV, (100%)
(1,2 - 3,4) = 100 uH ±20% @ 0 ADC
- LEAKAGE INDUCTANCE: 100KHz, 100mV, (SAMPLE)
(1,2-3,4) WITH (5,6,7,8,9,10,11,12) SHORTED = 250 nH (MAX)
- DCR: (SAMPLE)
(1-3)= 30 mOHMS(TYP), 35 mOHMS(MAX)
(2-4)= 35.0 mOHMS(TYP), 40 mOHMS(MAX)
(7,8,9-10,11,12)= 3.20 mOHMS(TYP), 3.55 mOHMS (MAX),
(5-6)=250 mOHMS (MAX)
- HIPOT(100%): 50/60 Hz, 1 MINUTE
[(1,2,3,4,5,6) TO [7,8,9,10,11,12] = 1500VAC,
ALL WINDINGS TO CORE = 1500VAC

TOPOLOGY: FORWARD
VIN=40-60VDC
FREQ=250 KHz



SCHEMATIC

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

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

SIZE CAGE CODE
B101961
SCALE NONE CADD FILE

DWG. NO.

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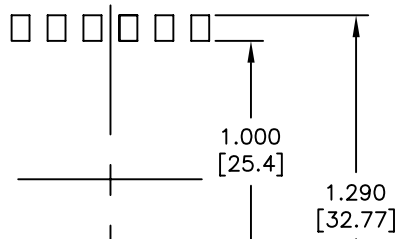
REV
X1

PA2396ANL-5P2

SHEET 5 OF 6

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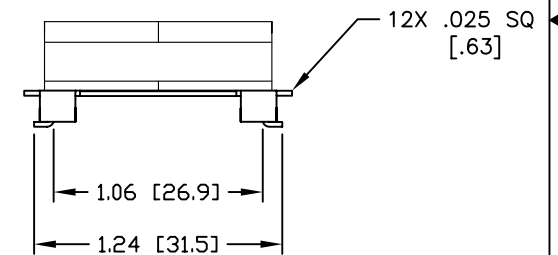
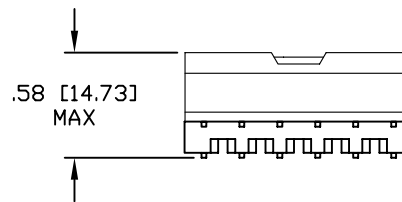
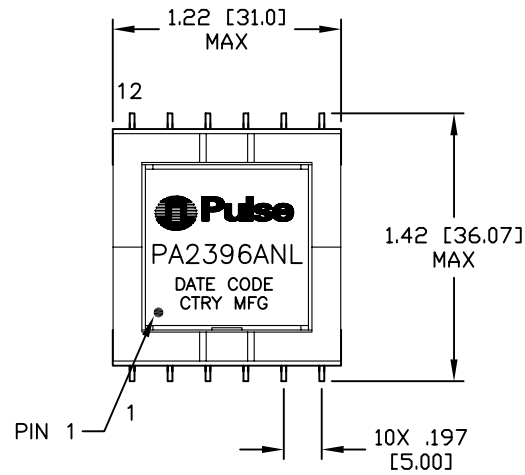


12X .055
[1.40]

10X .197
[5.00]

5X .197 (= .985)
[5.00 (=25.0)]

SUGGESTED LAND PATTERN



FINAL OUTLINE

FINAL OUTLINE NOTE:

1. DIMENSIONS IN PARANTHESIS [] ARE IN MILLIMETERS.

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

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

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REV X1

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SHEET 6 OF 6