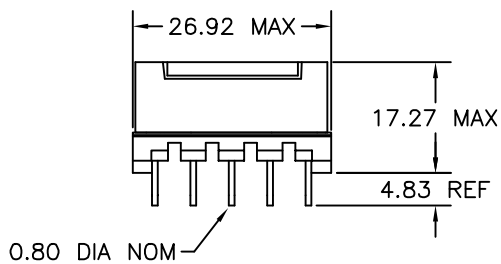
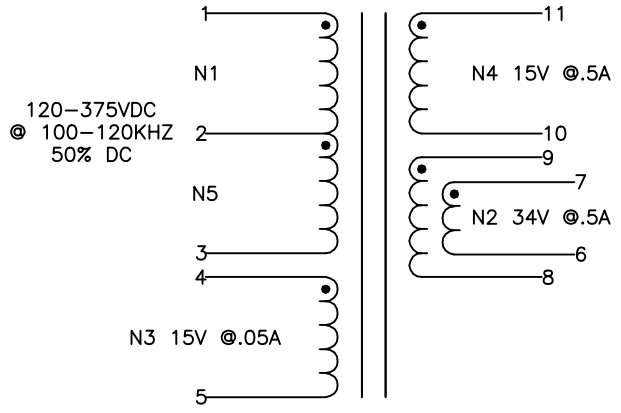


1 2 3 4 5 6

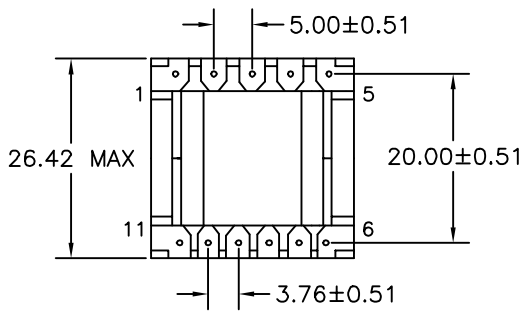
A



B



C



D

NOTE:  
POLARITY SHOWN IS FOR THE  
TRANSFORMER. FOR CORRECT  
FLYBACK OPERATION, CONNECT  
B+ TO PIN 3.

E

**ELECTRICAL SPECIFICATIONS**

L @ 1kHz 10mA - (1-3) 342μH ±10%

LL @ 100kHz 10mA - (1-3) 8.32μH TYP, TOL TBD  
(WITH 4-11 SHORTED)

URNS RATIO - ±3%  
1-3:7-6 - 1:0.304  
1-3:9-8 - 1:0.304  
1-3:4-5 - 1:0.130  
1-3:11-10 - 1:0.130

DCR - OHMS TYP, TOL TBD  
1-3 - 0.440  
7-6 - 0.133  
9-8 - 0.133  
4-5 - 0.065  
11-10 - 0.071

HIPOT - 4000VAC 1SEC  
N1,N3,N5 TO N2,N4

F

G

H

| REVISION |                             | DATE     | MARKINGS<br>CRAMER DATE CODE<br>CVP 53-024             | LOCATION<br>PIN RAIL SIDE OF CORE   |
|----------|-----------------------------|----------|--|---|
| O        | PRELIMINARY                 | 11/03/05 |  |   |
| A        | RELEASED                    | 12/08/05 | DESCRIPTION<br>43 VA VIPER53 FLYBACK<br>XFMR           | TOLERANCE UNLESS OTHERWISE SPECIFIED<br>2 PLACE DECIMALS ±.010<br>3 PLACE DECIMALS ±.005<br>FRACTIONS ±1/64<br>ANGLES ±1/2°<br><br>PROPRIETARY INFORMATION<br>PROPERTY OF<br>CRAMER COIL & TRANSFORMER CO.<br>DUPLICATION AND/OR DISTRIBUTION<br>BY PERMISSION ONLY |
| B        | N3&N4 NOW BI-FILAR          | 01/24/06 | CUSTOMER   |   |
| C        | 28GA TEFZEL WAS .32MM TEX-E | 07/07/06 |  |   |
| D        | UPDATED LL & DCR'S          | 08/22/06 |  |   |
| E        | TWO NEW VERSIONS            | 09/20/06 | G:\DATA\SPECS\ENG\CVP\53-024                           | CUSTOMER PART NUMBER  |
| F        | ONE OF THE VERSIONS CHOSEN  | 10/02/06 | DR. MEC<br>DATE 11/03/05<br>APPD. MJA<br>DATE 12/08/05 | REV<br>CRAMER PART NUMBER<br>CVP 53-024<br>REV F  |

J

1 2 3 4 5 6