

1

2

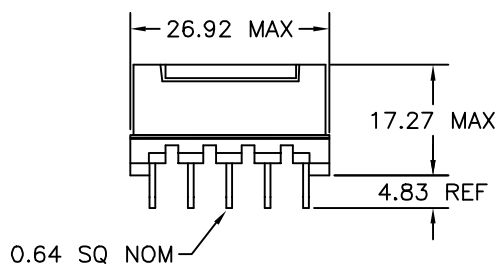
3

4

5

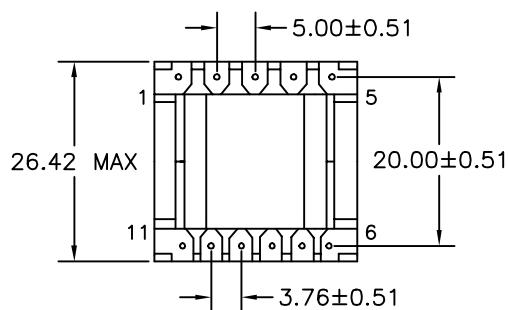
6

A



B

C



D

E

ELECTRICAL SPECIFICATIONS

L @ 1kHz 10mA - (3-5) 1.84mH ±10%

LL @ 100kHz 10mA - (3-5) 22.3µH MAX
(WITH 1,2,6-11 SHORTED)

TURNS RATIO - ±3%
 3-5:11-8 - 1:0.081
 3-5:8-7 - 1:0.035
 3-5:7-6 - 1:0.047
 3-5:6-9 - 1:0.058
 3-5:1-2 - 1:0.163

DCR - OHMS MAX
 N1/N4 - 1.35
 N2 - 0.345
 N3 - 0.232

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

F

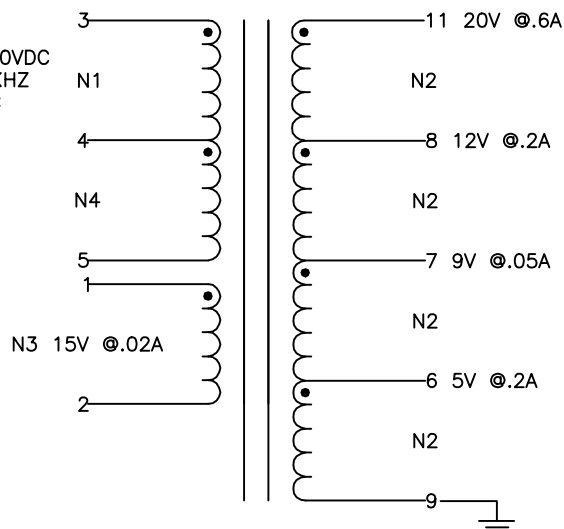
G

H

I

J

100-400VDC
 @ 100KHZ
 50% DC



NOTE:
 POLARITY SHOWN IS FOR THE
 TRANSFORMER. FOR CORRECT
 FLYBACK OPERATION CONNECT
 B+ TO PIN 5.

A

B

C

D

E

F

G

H

I

J

REVISION		DATE	MARKINGS	LOCATION
			CRAMER DATE CODE	PIN RAIL SIDE OF CORE
0	PRELIMINARY	03/23/05	CVP 53-016	
1	UPDATED PIN 8 AMPS (WAS .15)	03/23/05	DESCRIPTION 4 OUTPUT VIPER 53 FLYBACK, CLASS 2	TOLERANCE UNLESS OTHERWISE SPECIFIED 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 FRACTIONS ±1/64 ANGLES ±1/2°
A	RELEASED	03/25/05	CUSTOMER	
B	ASSIGN LL AND DCR TOLERANCES	05/23/05		PROPRIETARY INFORMATION PROPERTY OF CRAMER COIL & TRANSFORMER CO. DUPLICATION AND/OR DISTRIBUTION BY PERMISSION ONLY
			G:\DATA\SPECS\ENG\CVP\53-016	CUSTOMER PART NUMBER
			DR. MEC	REV
			DATE 03/23/05	
			APPD. JDB	CRAMER PART NUMBER
			DATE 03/25/05	CVP 53-016
				REV B

1

2

3

4

5

6