REV.	DESCRIPTION/ECO NO.	DATE
	ENGR. RELEASE TO CAD	7/2/04

PERFORMANCE SPECIFICATIONS:

DESCRIPTION	SYM	MIN	TYP	MAX	UNITS
INPUT VOLTAGE	VIN	10.0	12.0	16.0	V DC
INPUT CURRENT	IIN	---	230	---	MA DC
OUTPUT VOLTAGE	VL	900	1000	---	V RMS
OUTPUT CURRENT	IL	4.0	5.0	6.0	MA RMS
OSC. FREQUENCY	FO	45.0	55.0	65.0	K HZ
PWM FREQUENCY	FPW	435	455	475	HZ

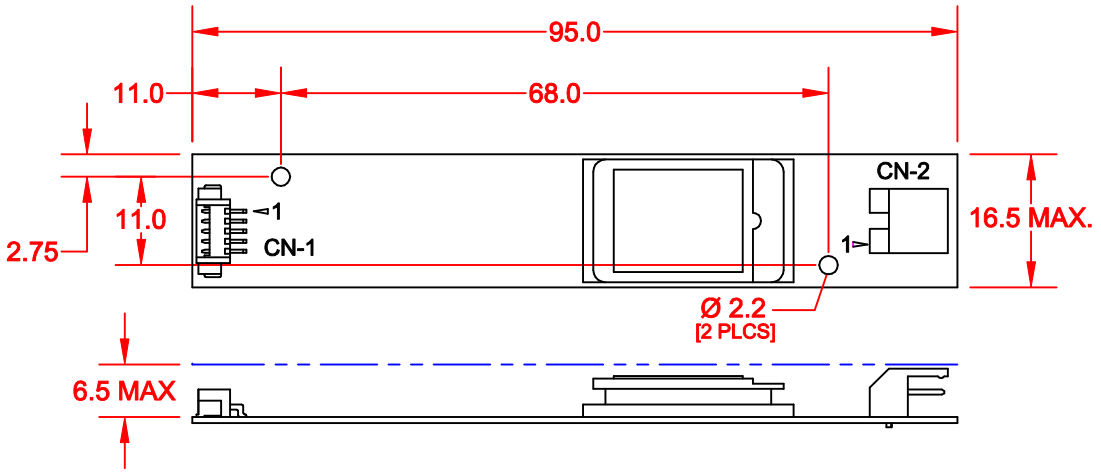
TESTED WITH 1 EACH 3MM X 164MM LAMP, AT 25°C, VIN= 12.0V ± 0.1V.

ABSOLUTE MAXIMUM RATINGS:

MAXIMUM INPUT VOLTAGE: 16.0 VDC
MAXIMUM RELATIVE HUMIDITY: 90%

OPERATING CHARACTERISTICS:

INPUT VOLTAGE RANGE: 8.0 VDC TO 16.0 VDC
NOMINAL INPUT POWER: 5.0 WATTS
OUTPUT DIMMING RANGE (R MODE): 33% TO 100%
OUTPUT DIMMING RANGE (V MODE): N/A
OPERATING TEMPERATURE RANGE: 0°C TO 60°C
STORAGE TEMPERATURE RANGE: -20°C TO 70°C



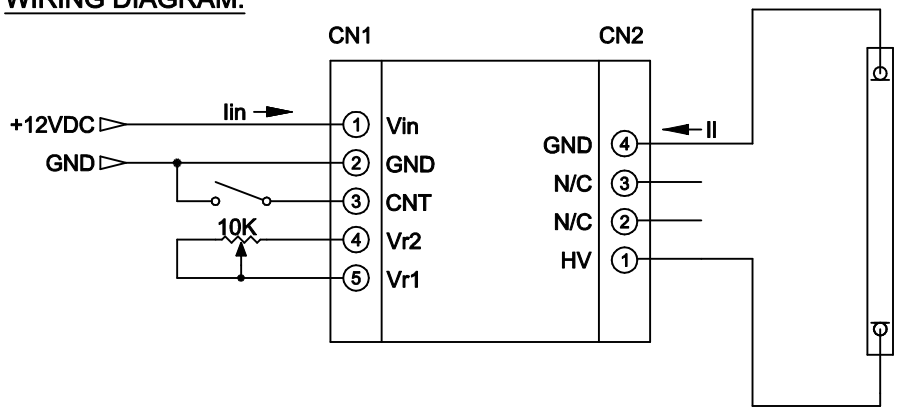
CONTROL FUNCTIONS:

CNT (INPUT PIN 3) IS USED AS AN INHIBIT FUNCTION, "GND" EQUALS ON. "+V" OR "OPEN" EQUALS OFF.

R MODE DIMMING: VR1 AND VR2 (INPUT PINS 4 AND 5) ARE USED TO PROVIDE, THE DIMMING FUNCTION, "0" OHMS EQUALS 100% LIGHT OUTPUT, "10K" OHMS EQUALS 33% LIGHT OUTPUT.

NOTE: THE SWITCH AND POTENTIOMETER SHOWN ON THE WIRING DIAGRAM ARE NOT A PART OF THE BXA-12594-5M INVERTER. THESE PARTS ARE AVAILABLE FROM MOST ELECTRONIC PARTS DISTRIBUTORS.

WIRING DIAGRAM:



MATING CONNECTORS:

REF.	DESCRIPTION	PART NUMBER	MFG.
CN-1	HOUSING TERMINAL	51021-0500 50079-8000	MOLEX
CN-1	INPUT HARNESS	BXC-10549	JKL
CN-2	HOUSING TERMINAL	IL-G-4S-S3C2 L-G-C2-SC-10000	JAE
CN-2	OUTPUT HARNESS	BXC-10689	JKL

METRIC
THIRD ANGLE PROJECTION
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE UNLESS OTHERWISE SPECIFIED
1 PL +/- REF.
2 PL +/-
ANGLE +/- 0

JKL COMPONENTS CORPORATION

TITLE: 12V DC INPUT, SINGLE OUTPUT, DIMMING CCFL INVERTER

DRAWN BY	APPV'D BY	DATE	SIZE	FSCM NO.	DRAWING NO.
L. WENGSTROM	J.K.	7/2/04	A	55335	BXA-12594-5M

- CAD DRAWING -
MANUAL REVISIONS NOT PERMITTED

SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
NONE	7/2/04			1 OF 1