MATING CONNECTORS:

REF.	DESCRIPTION	PART NUMBER	MFG.
CN-1	INPUT		
	HOUSING	IL-Z-7S-S125C3	JAE
	TERMINAL	IL-Z-C3-A-15000	
CN-1	INPUT		
	HARNESS	BXC-10550	JKL
CN-2	OUTPUT		
	HOUSING	M63M83-06	MITSUMI
	TERMINAL	M63C84-1	
CN-2	OUTPUT		
	HARNESS	BXC-10655	JKL

PERFORMANCE SPECIFICATIONS:

DESCRIPTION	SYM	MIN	TYP	MAX	UNITS
INPUT VOLTAGE	VIN	10.8	12.0	13.2	V DC
INPUT CURRENT	IIN	---	520	---	MA DC
OUTPUT VOLTAGE	VL	1100	1200	---	V RMS
OUTPUT CURRENT	IL	5.5	6.0	6.5	MA RMS
OSC. FREQUENCY	FO	20.0	30.0	40.0	K HZ
PWM FREQUENCY	FPW	435	455	475	HZ

TESTED WITH 2 EACH 3MM X 220MM LAMPS, AT 25°C, VIN= 12.0V ± 0.1V.

CONTROL FUNCTIONS:

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

R MODE DIMMING: VR1 AND VR2 (INPUT PINS 1 AND 2) ARE USED TO PROVIDE, THE DIMMING FUNCTION, "0" OHMS EQUALS 100% LIGHT OUTPUT, "10K" OHMS EQUALS 40% LIGHT OUTPUT.

V MODE DIMMING: VR1 (INPUT PIN 1) IS USED TO PROVIDE, THE DIMMING FUNCTION, "0V DC" EQUALS 100% LIGHT OUTPUT, "2.0V DC" EQUALS 20% LIGHT OUTPUT.

NOTE: THE SWITCH AND POTENTIOMETER SHOWN ON THE WIRING DIAGRAM ARE NOT A PART OF THE BXA-12549-6M INVERTER. THESE PARTS ARE AVAILABLE FROM MOST ELECTRONIC PARTS DISTRIBUTORS.

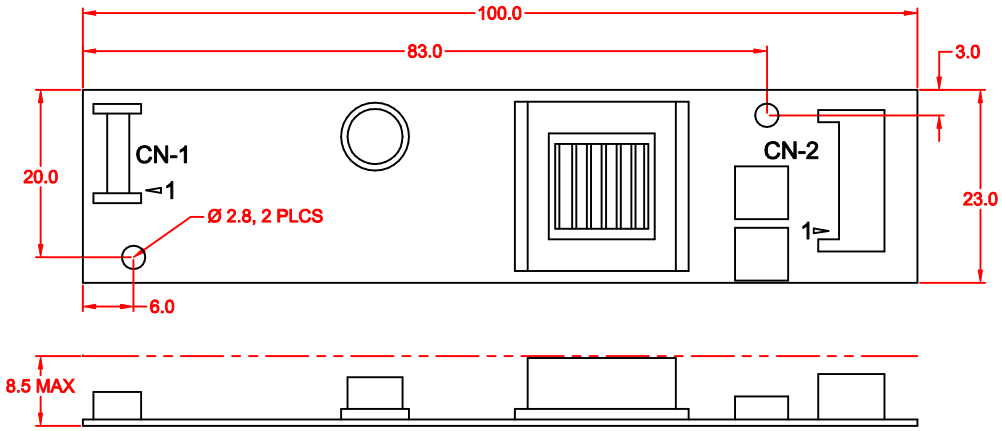
OPERATING CHARACTERISTICS:

INPUT VOLTAGE RANGE:	10.8 VDC TO 13.2 VDC
NOMINAL INPUT POWER:	8.0 WATTS
OUTPUT DIMMING RANGE (R MODE):	50% TO 100%
OUTPUT DIMMING RANGE (V MODE):	20% TO 100%
OPERATING TEMPERATURE RANGE:	0°C TO 60°C
STORAGE TEMPERATURE RANGE:	-20°C TO 70°C

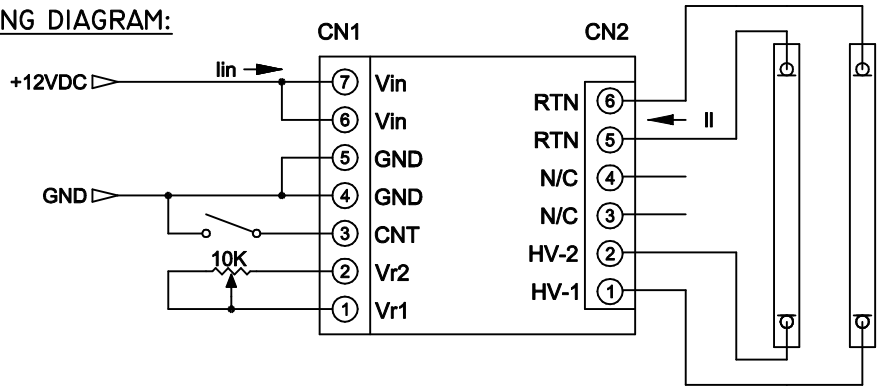
ABSOLUTE MAXIMUM RATINGS:

MAXIMUM INPUT VOLTAGE:	14.0 VDC
MAXIMUM RELATIVE HUMIDITY:	90%

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



WIRING DIAGRAM:



METRIC / THIRD ANGLE PROJECTION	DIMENSIONS ARE IN MILLIMETERS; TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/- 0	JKL COMPONENTS CORPORATION				
		TITLE: 12 VDC INPUT, DUAL OUTPUT, DIMMING CCFL INVERTER				
DRAWN BY: L. WENGSTROM	APP'D BY: J.K. DATE: 7/7/04	SIZE: A	FSCM NO.: 55335	DRAWING NO.: BXA-12549-6M		
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE: NONE	RELEASED DATE: 7/7/04	REVISION DATE	REV. NO.	SHEET 1 OF 1