

MATING CONNECTORS:

REF.	DESCRIPTION	PART NUMBER	MFG.
CN-1	INPUT HOUSING TERMINAL	IL-Z-7S-S125C3	JAE
CN-1	INPUT HARNESS	BXC-10550	JKL
CN-2	OUTPUT HOUSING TERMINAL	M63M83-06	MITSUMI
CN-2	OUTPUT HARNESS	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	F0	20.0	30.0	40.0	K HZ
PWM FREQUENCY	FPW	4.35	4.55	4.75	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: VRI 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.

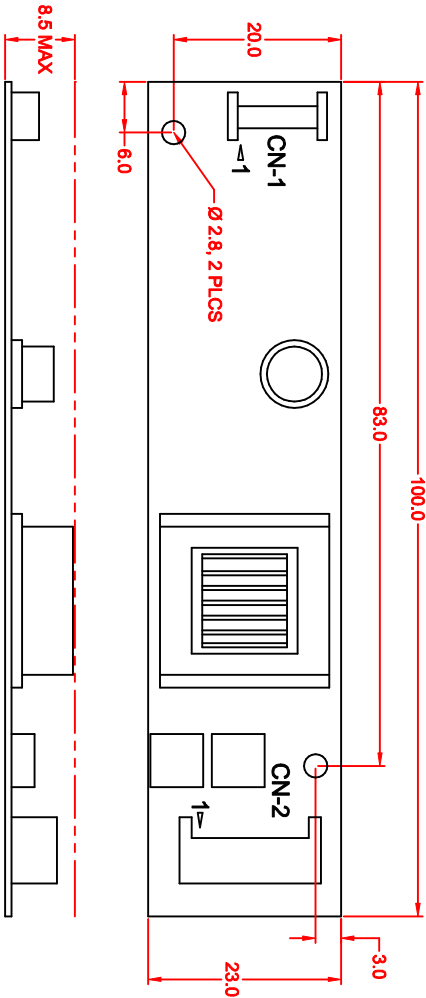
V MODE DIMMING: VRI (INPUT PIN 1) IS USED TO PROVIDE, THE DIMMING FUNCTION, "0V DC" EQUALS 100% LIGHT OUTPUT, "2.0V DC" EQUALS 20% LIGHT OUTPUT.

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.

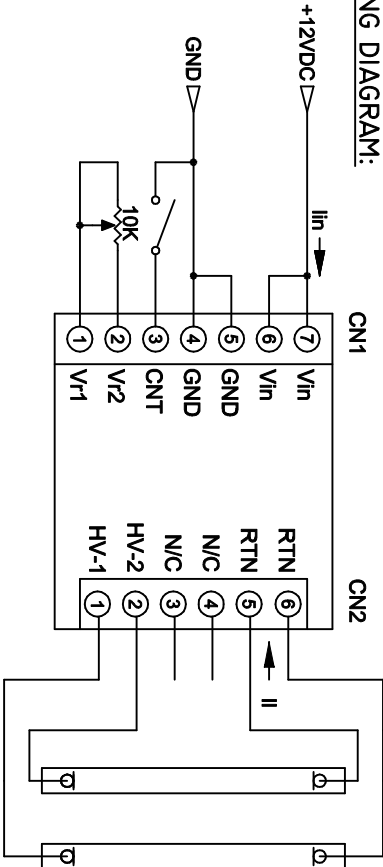
OPERATING CHARACTERISTICS:

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%



WIRING DIAGRAM:



METRIC	DIMENSIONS ARE IN MILLIMETERS	JKL COMPONENTS CORPORATION			
THIRD ANGLE PROJECTION	TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- .05 2 PL +/- .05 ANGLE +/- .0	TITLE 12 VDC INPUT, DUAL OUTPUT, DIMMING CCFL INVERTER			
DRAWN BY L. WENGSTROM	APPROVED BY J.K.	DATE 7/7/04	SIZE A	FSCM NO. 55335	DRAWING NO. NO.
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE NONE	RELEASED DATE 7/7/04	REVISION DATE	REV. NO.
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