REV.	DESCRIPTION/ECO NO.	DATE
	ENGR. RELEASED TO CAD	8/5/04

MATING CONNECTORS:

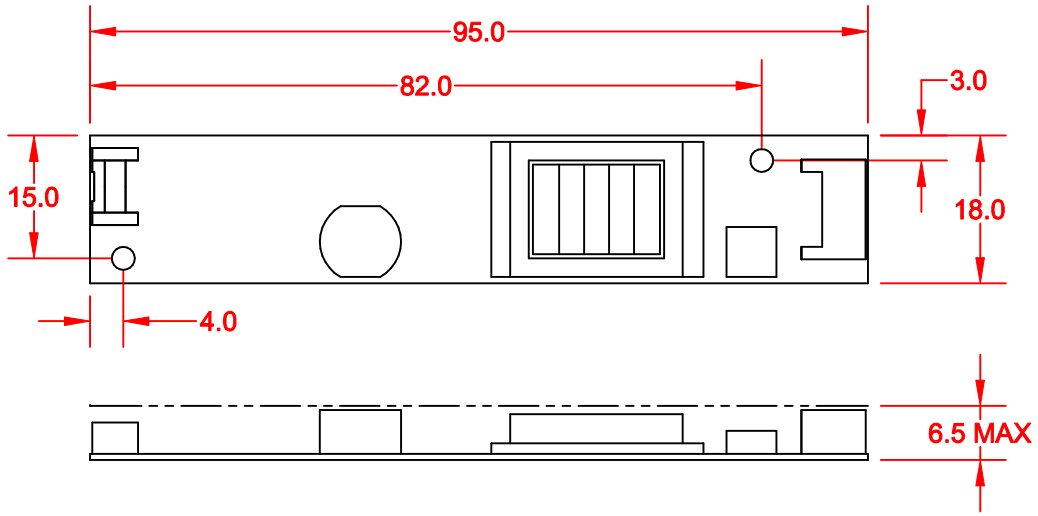
REF.	DESCRIPTION	PART NUMBER	MFG.
CN-1	INPUT HOUSING TERMINAL	 IL-Z-5S-S125C3 IL-Z-C3-A-15000	JAE
CN-1	INPUT HARNESS	BXC-10546	JKL
CN-2	OUTPUT HOUSING TERMINAL	 M63M83-04 M63C84-1	MITSUM
CN-2	OUTPUT HARNESS	BXC-10632	JKL

OPERATING CHARACTERISTICS:

INPUT VOLTAGE RANGE: 8.0 TO 16.0 Vdc
OUTPUT DIMMING RANGE: 100% TO 40%
OPERATING TEMP. RANGE: 0°C TO +60°C
STORAGE TEMP. RANGE: -20°C TO +70°C

ABSOLUTE MAXIMUM RATINGS:

INPUT VOLTAGE: 18.0 Vdc
LAMP SIZE: Ø3mm X 240mm

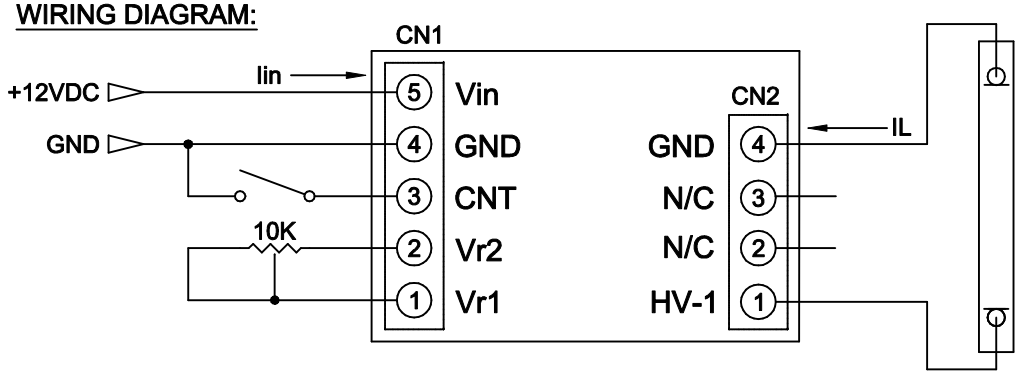


PERFORMANCE SPECIFICATIONS:

DESCRIPTION	SYM	MIN	TYP	MAX	UNITS
INPUT VOLTAGE	VIN	8.0	12.0	16.0	V DC
INPUT CURRENT	IIN	270	320	370	MA DC
OUTPUT VOLTAGE	VL	900	1000	---	V RMS
OUTPUT CURRENT	IL	5.0	6.0	7.0	MA RMS
OSC. FREQUENCY	Fo	45	55	65	K Hz

TESTED WITH 3mm X 220mm LAMP,
AT 25°C, V = 12.0 V ± 0.1 V.

WIRING DIAGRAM:



CONTROL FUNCTIONS:

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

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

NOTE: THE SWITCH AND POTENTIOMETER SHOWN ON THE WIRING DIAGRAM ARE NOT A PART OF THE BXA-12565-6M INVERTER. THESE PARTS ARE AVAILABLE FROM MOST ELECTRONIC PARTS DISTRIBUTORS.

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, DIMMING 100% - 40% CCFL INVERTER				
DRAWN BY: L. WENGSTROM	APP'D BY: J.K. DATE: 8/5/04	SIZE: A	FSCM NO.: 55335	DRAWING NO.: BXA-12565-6M		
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE: NONE	RELEASED DATE: 8/5/04	REVISION DATE:	REV. NO.:	SHEET: 1 OF 1