

REF.	DESCRIPTION	PART NUMBER	MFG.
CN-1	INPUT HOUSING TERMINAL	51021-0500 50079-8000	MOLEX
CN-1	INPUT HARNESS	BXC-10549	JKL
CN-2	OUTPUT HOUSING TERMINAL	BHR-03VS-1 SBH-001T-P0.5	JST
CN-2	OUTPUT HARNESS	BXC-10643	JKL

DESCRIPTION	SYM	MIN	TYP	MAX	UNITS
INPUT VOLTAGE	V _{IN}	10.0	12.0	13.2	V DC
INPUT CURRENT	I _{IN}	100	150	200	mA DC
OUTPUT VOLTAGE	V _L	900	1000	---	V RMS
OUTPUT CURRENT	I _L	2.5	3.0	3.5	mA RMS
OSC. FREQUENCY	F _o	40	50	60	K HZ

INPUT VOLTAGE RANGE:	10.0 Vdc TO 14.0 Vdc
NOMINAL INPUT POWER:	1.8 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

MAXIMUM INPUT VOLTAGE:	16.0 VDC
MAXIMUM RELATIVE HUMIDITY:	95%

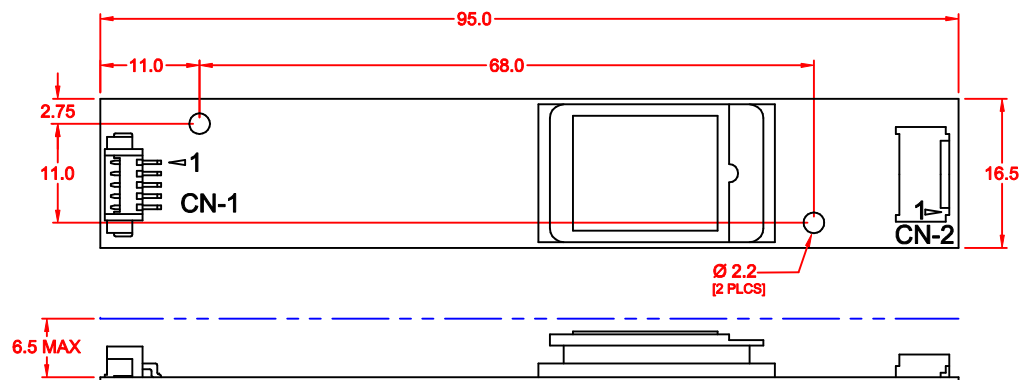
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DIAGRAM:

The diagram shows a 5-pin relay module with two columns of pins: CN1 (left) and CN2 (right). The pins are numbered 1 through 5. The connections are as follows:

- CN1 Pin 1:** Labeled **Vin**. Connected to **+12VDC**.
- CN1 Pin 2:** Labeled **GND**. Connected to **GND**.
- CN1 Pin 3:** Labeled **CNT**. Connected to a switch.
- CN1 Pin 4:** Labeled **Vr2**. Connected to the other side of the switch.
- CN1 Pin 5:** Labeled **Vr1**. Connected to a **10K** resistor.
- CN2 Pin 3:** Labeled **GND**. Connected to a current source **I**.
- CN2 Pin 2:** Labeled **N/C** (Not Connected).
- CN2 Pin 1:** Labeled **HV**. Connected to a voltage source **V**.

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

NOTE: THE SWITCH AND POTENTIOMETER SHOWN ON THE WIRING DIAGRAM ARE NOT A PART OF THE BX-A-12592-3M 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			
DRAWN BY L. WENGSTROM		APP'VD BY DATE J.K. 8/5/04		SIZE A	FSCM NO. 55335	DRAWING NO. BXA-12592-3M	
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE NONE	RELEASED DATE 8/5/04	REVISION DATE	REV. NO.	SHEET 1 OF 1	