

DESCRIPTION	SYM	MIN	TYP	MAX	UNITS
INPUT VOLTAGE	V _{IN}	10.8	12.0	13.2	V DC
INPUT CURRENT	I _{IN}	---	720	---	MA DC
OUTPUT VOLTAGE	V _L	---	1000	---	V RMS
OUTPUT CURRENT	I _L	6.0	7.0	8.0	MA RMS
OSC. FREQUENCY	F _O	45.0	55.0	65.0	K HZ
PWM FREQUENCY	F _{pw}	435	455	475	HZ

INPUT VOLTAGE RANGE:	10.8V DC TO 13.2V DC
NOMINAL INPUT POWER:	10.0 WATTS
OUTPUT DIMMING RANGE (R MODE):	40% TO 100%
OPERATING TEMPERATURE RANGE:	0°C TO 60°
STORAGE TEMPERATURE RANGE:	-20°C TO 70°C

REF.	DESCRIPTION	PART NUMBER	MFG.
CN-1	<u>INPUT</u> HOUSING TERMINAL	51021-0700 50079-8000	MOLEX
CN-1	<u>INPUT</u> HARNESS	BXC-10630	JKL
CN-2 & CN-3	<u>OUTPUT 1 & 2</u> HOUSING TERMINAL	BHR-03VS-1 SBH-001T-P0.5	JST
CN-2 & CN-3	<u>OUTPUT 1 & 2</u> HARNESS	BXC-10643 (2 required)	JKL

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

NOTE: THE SWITCH AND POTENTIOMETER SHOWN ON THE WIRING DIAGRAM ARE NOT A PART OF THE BXA-12613-7M INVERTER. THESE PARTS ARE AVAILABLE FROM MOST ELECTRONIC PARTS DISTRIBUTORS.

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

[illegible]