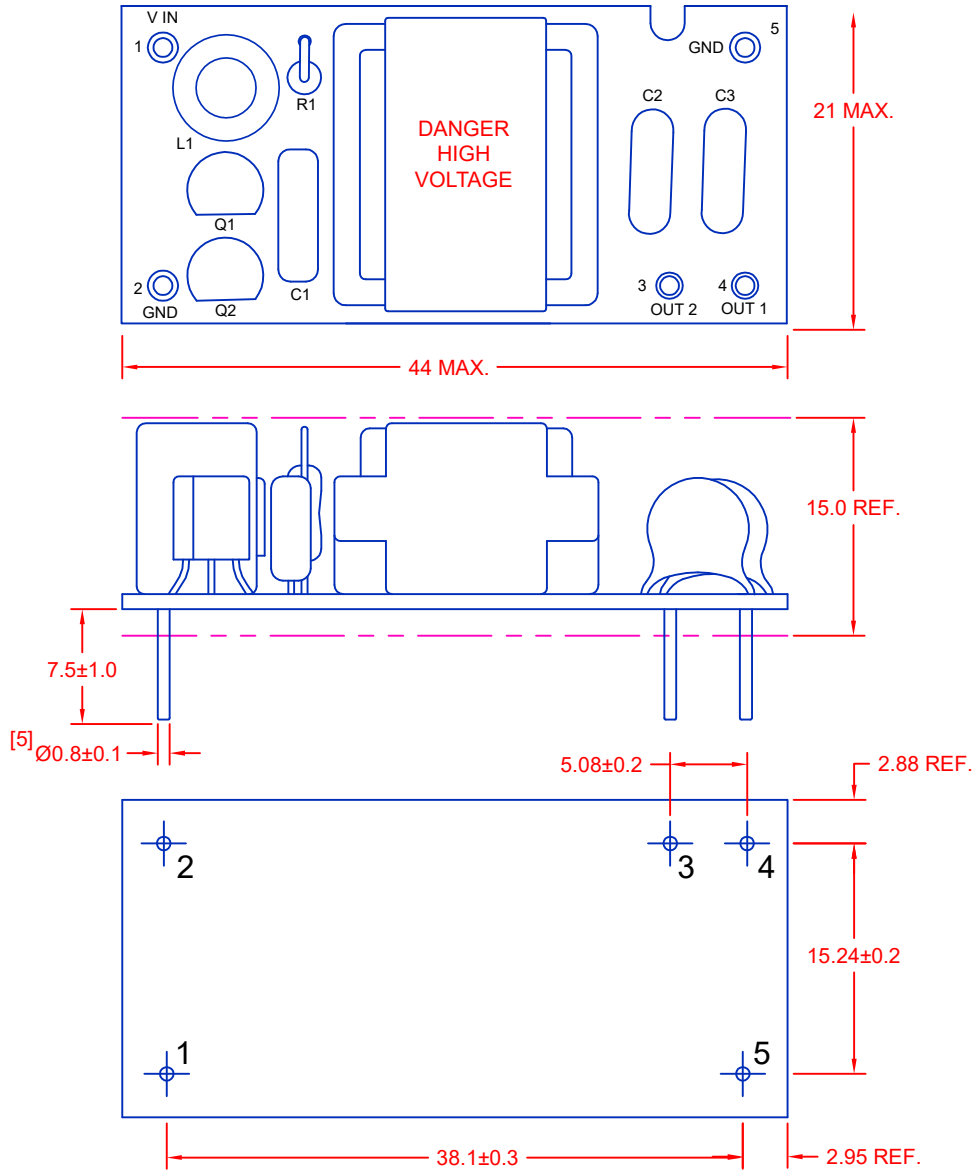
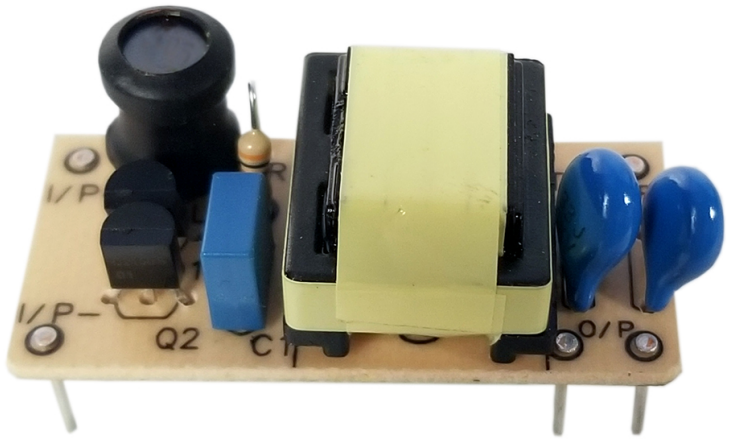
REV.	DESCRIPTION/ECO NO.	DATE
	RELEASED AS CAD	7/18/03
A	CHNG. COMPONENT LAYOUT	3/21/17
B	CHNG. PHOTO	1/15/21





JKL PART NO.: BXA-601
RoHS COMPLIANCE

METRIC THIRD ANGLE PROJECTION	DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- 0.3 2 PL +/- ANGLE +/- 0	JKL COMPONENTS CORPORATION					
		TITLE: 5V DUAL CCFL INVERTER					
DRAWN BY: L. WENGSTROM	APPV'D BY / DATE: S.N. 01/15/21	SIZE: A	FSCM NO.: 55335	DRAWING NO.: BXA-601			
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE: NONE	RELEASED DATE: 7/18/03	REVISION DATE: 1/15/21	REV. NO.: B	SHEET: 1 OF 2	

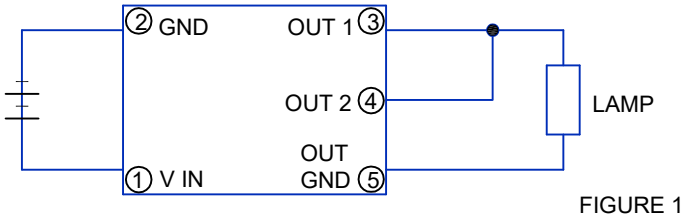


FIGURE 1

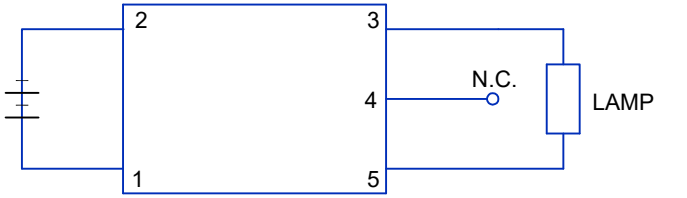


FIGURE 2

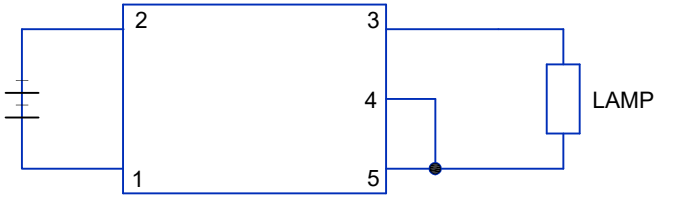


FIGURE 3

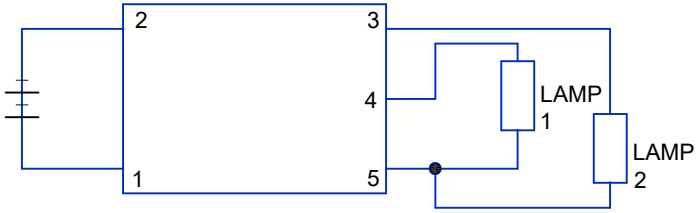


FIGURE 4

ABSOLUTE MAXIMUM RATINGS

PARAMETERS	SYMBOL	SPECIFICATIONS
INPUT VOLTAGE	V in	5V ± 10% TYP.
OUTPUT POWER	Po	4.5W
TEMP. RANGE OPERATING	Ta	0 to 50°C
STORAGE	Ts	-20 TO 75°C
HUMIDITY	H	90% R.H.

ELECTRICAL CHARACTERISTICS

PARAMETERS	SYMBOL	CONDITIONS			APPLI-CATION	SPECIFICATIONS			UNIT
		Vin (V)	Ta (°C)	RL (kΩ)		MIN.	TYP.	MAX.	
OUTPUT CURRENT	I out	5 ± 1%	23 ± 5	30	FIGURE 1	9	10	11	mArms
INPUT CURRENT	I in	5 ± 5%	0 ~ 50	22 ~ 38		8	10	12	mArms
FREQUENCY	FL					---	0.75	1.20	Adc
OPEN VOLTAGE	V open			∞		---	30	---	kHz
						825	900	---	Vrms
OUTPUT CURRENT	I out	5 ± 1%	23 ± 5	50	FIGURE 2	5.2	6	6.6	mArms
INPUT CURRENT	I in	5 ± 5%	0 ~ 50	37 ~ 63		4.6	6	7.2	mArms
FREQUENCY	FL					---	0.48	---	Adc
OPEN VOLTAGE	V open			∞		---	35	---	kHz
						825	900	---	Vrms
OUTPUT CURRENT	I out	5 ± 1%	23 ± 5	60	FIGURE 3	4.5	5	5.6	mArms
INPUT CURRENT	I in	5 ± 5%	0 ~ 50	45 ~ 75		4	5	6.1	mArms
FREQUENCY	FL					---	0.42	---	Adc
OPEN VOLTAGE	V open			∞		---	30	---	kHz
						825	900	---	Vrms
OUT PUT CURRENT	I out 1	5 ± 1%	23 ± 5	60	FIGURE 4	4.5	5	5.5	mArms
	I out 2								
	I out 1	5 ± 5%	O ~ 50	45 ~ 75		4	5	6	mArms
	I out 2								
INPUT CURRENT	I in					---	0.75	---	Adc
FREQUENCY	FL					---	30	---	kHz
OPEN VOLTAGE	V open			∞		825	900	---	Vrms

METRIC THIRD ANGLE PROJECTION	DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- 0.3 2 PL +/- ANGLE +/- 0	JKL COMPONENTS CORPORATION					
		TITLE: 5V DUAL CCFL INVERTER					
DRAWN BY: L. WENGSTROM	APP'V'D BY: S.N. DATE: 1/15/21	SIZE: A	FSCM NO.: 55335	DRAWING NO.: BXA-601			
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE: NONE	RELEASED DATE: 7/18/03	REVISION DATE: 1/15/21	REV. NO.: B	SHEET: 2 OF 2	