MAXIMUM RATINGS

ITEMS	MAXIMUM RATINGS	OPERATING RANGE
Input voltage	6 V dc	3.0 to 5.5 V dc
Operating temperature	-10 to 50°	
Storage temperature	-20 to 70°	

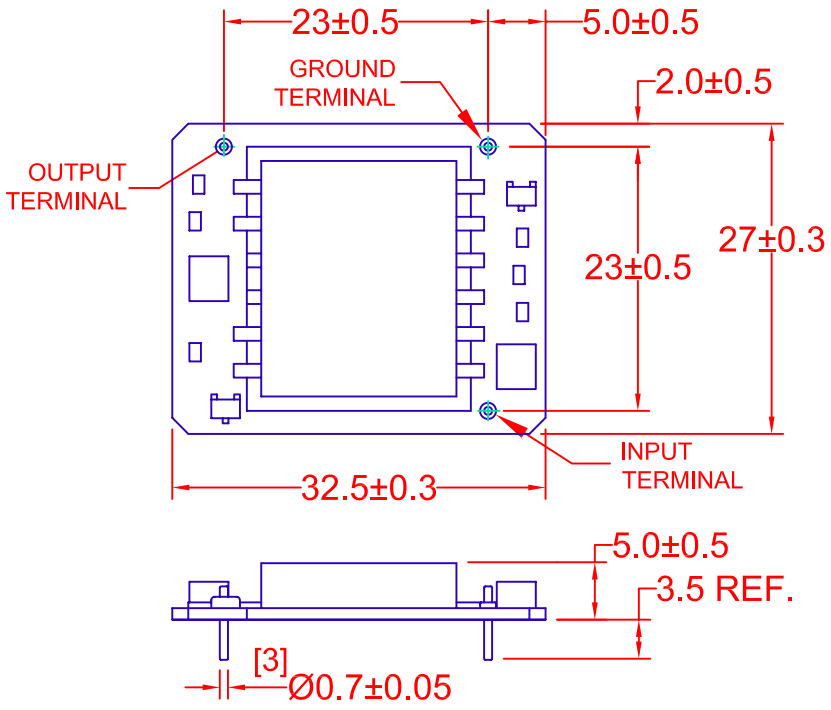
RELIABILITY DATA

ITEMS	CONDITIONS	NOTES
Temperature shock	-20/70°C for 1 hour each, 10 cycles	1, 2, 3
Soldering heat resistance	260°C 10 seconds	1, 2, 3
Lead strength	1KG 10 seconds	1, 2, 3
Vibration	Frequency = 10 to 55 Hz, amplitude = 1.5mm (1 hour for each direction of X, Y, Z) sweep time = 1 minute/cycle	1, 2, 3

NOTES: 1. The changed values of input current, output voltage and output frequency must be within 10% of their initial values.
2. No significant change or abnormality in external appearance must occur.
3. Dimensions must conform to specifications.

OPERATING CHARACTERISTICS

PART NUMBER	RECOMMENDED ELEMENT AREA (cm^2)	NOMINAL VALUE			
		LOAD AREA (cm^2)	BRIGHTNESS (cd/m^2)	FREQUENCY (Hz)	OUTPUT VOLTAGE (Vrms)
NDL-104LP	20 to 60	40	40 to 100	570 to 900	65 to 90



REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE
	RELEASED	4/28/03

METRIC
THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETERS
TOLERANCE UNLESS OTHERWISE SPECIFIED
1 PL +/- REF.
2 PL +/-
ANGLE +/-

DRAWN BY L. WENGSTROM | APPV'D BY F.D. | DATE 4/28/03

- CAD DRAWING -
MANUAL REVISIONS NOT PERMITTED

JKL COMPONENTS CORPORATION

TITLE: SELF-EXCITED INVERTER FOR ELECTOROLUMINESCENT (EL) LIGHT

SIZE A | FSCM NO. 55335 | DRAWING NO. NDL-104LP

SCALE NONE | RELEASED DATE 4/28/03 | REVISION DATE | REV. NO. | SHEET 1 OF 1