

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°	

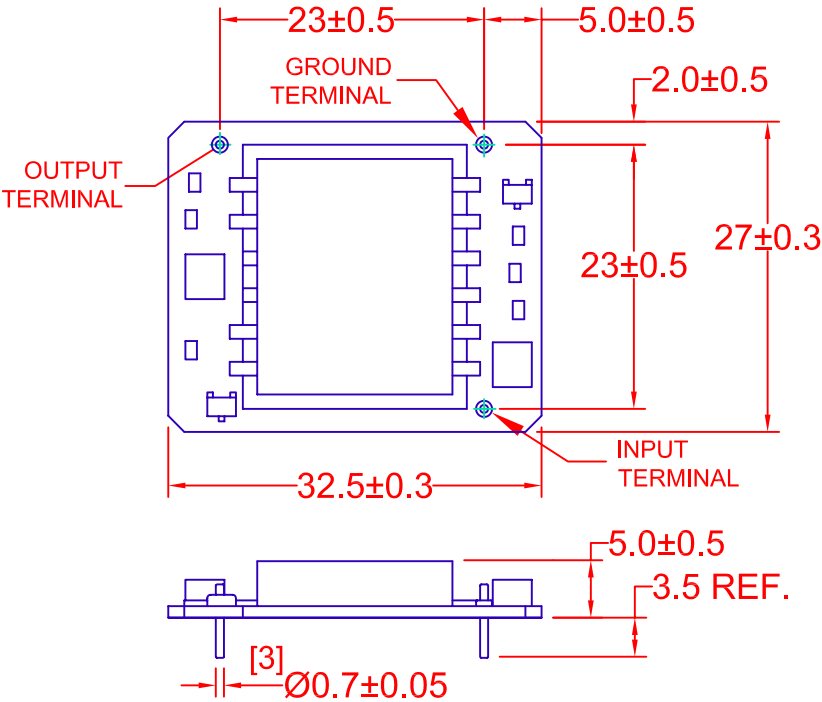
RELIABILITY DATA

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	APPVD DATE
RELEASED		4/28/03

METRIC THIRD ANGLE PROJECTION	DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/-	JKL COMPONENTS CORPORATION			
		TITLE SELF-EXCITED INVERTER FOR ELECTROLUMINESCENT (EL) LIGHT			
DRAWN BY L. WENGSTROM	APPVD BY F.D.	DATE 4/28/03	SIZE A	FSCM NO. 55335	DRAWING NO. NDL-104LP
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE NONE	RELEASED DATE 4/28/03	REVISION DATE
				REV. NO.	SHEET 1 OF 1