

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°	

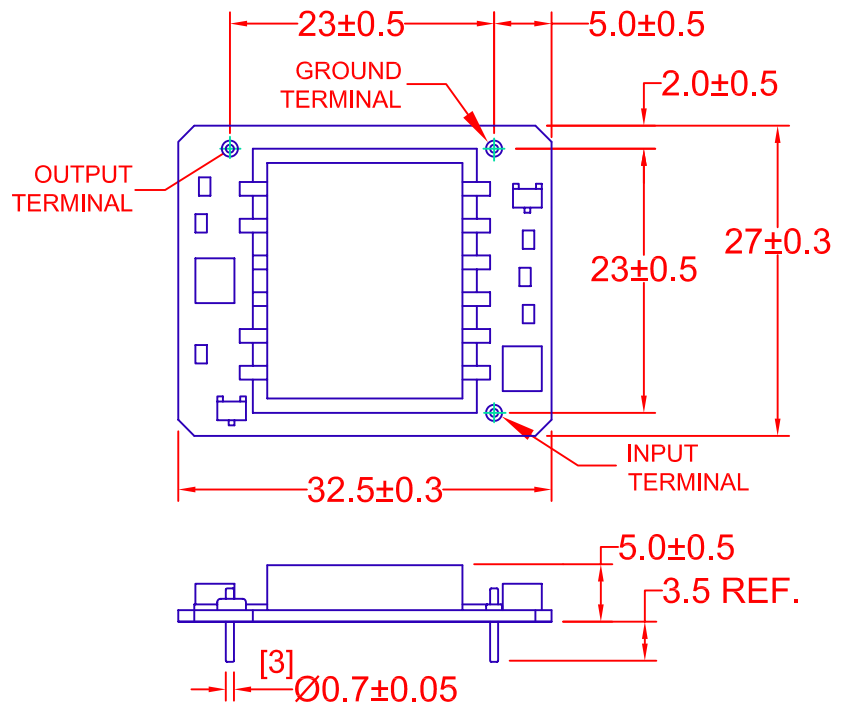
RELIABILITY DATA

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



<p>THIRD ANGLE PROJECTION</p>	<p>METRIC</p> <p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- REF.</p> <p>2 PL +/- ANGLE +/-</p>	<p>JKL COMPONENTS CORPORATION</p>					
		<p>TITLE SELF-EXCITED INVERTER FOR ELECTROLUMINESCENT (EL) LIGHT</p>					
<p>DRAWN BY L. WENGSTROM</p>	<p>APPVD BY F.D.</p>	<p>DATE 4/28/03</p>	<p>SIZE A</p>	<p>FSCM NO. 55335</p>	<p>DRAWING NO. NDL-104LP</p>		
<p>RELEASED</p>		<p>4/28/03</p>	<p>- CAD DRAWING -</p>				
<p>REV. NO.</p>	<p>DESCRIPTION/ECO NUMBER</p>	<p>APPVD DATE</p>	<p>SCALE NONE</p>	<p>RELEASED DATE 4/28/03</p>	<p>REVISION DATE</p>	<p>REV. NO.</p>	<p>SHEET 1 OF 1</p>