



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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°	

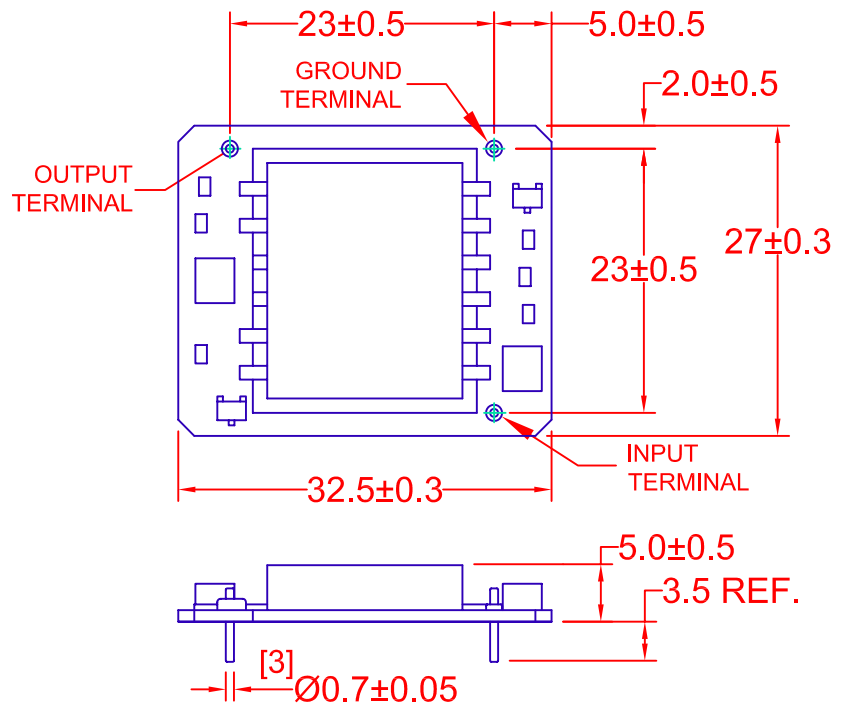
RELIABILITY DATA

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>- CAD DRAWING -</p> <p>MANUAL REVISIONS NOT PERMITTED</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>

REV. NO.	DESCRIPTION/ECO NUMBER	APPVD DATE
RELEASED		4/28/03