

CROSS-REFERENCE

DIGI-KEY Q983 289-1030
DIGI-KEY Q982 73-1171
OPTREX INV-TH-203 (2)
JKL ALT. BXB-TH-203-2

REVISION HISTORY

REV	ECO NO / CHANGE DESCRIPTION	DATE	APPROVED
A	1005 / PRODUCTION RELEASE	07/01/98	F. A. D.

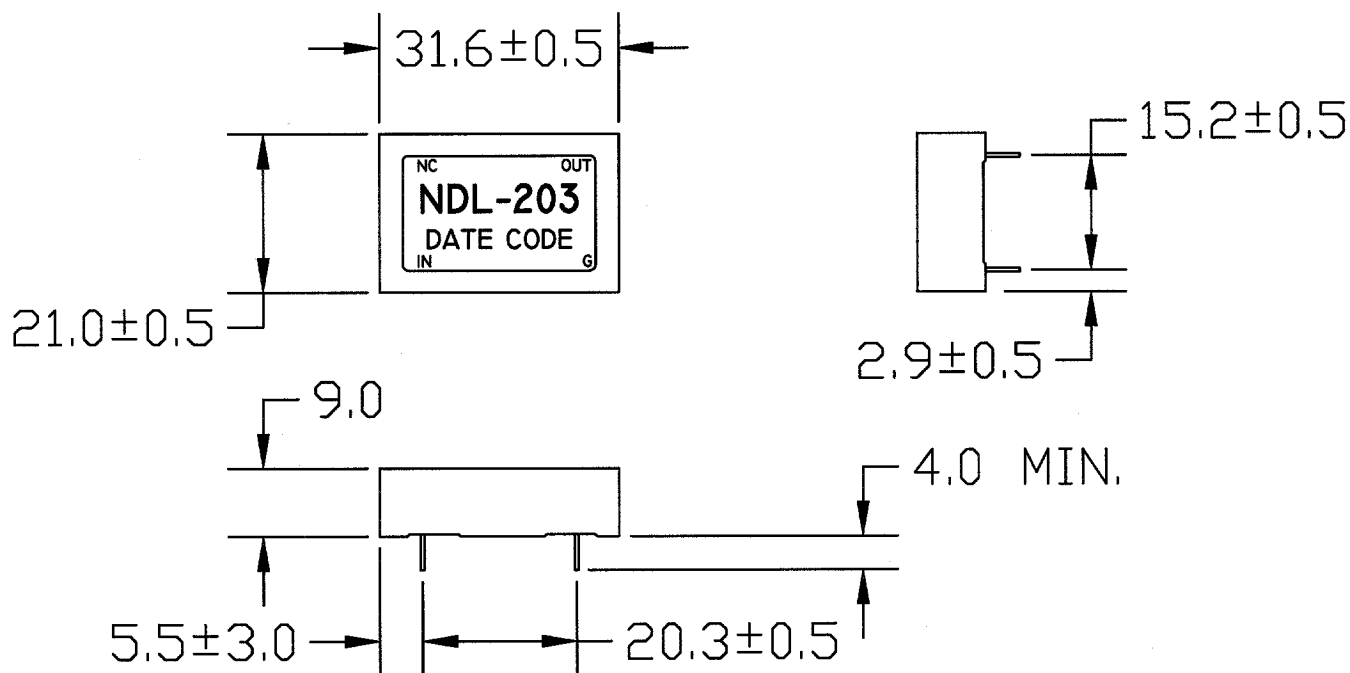
OPERATING CHARACTERISTICS:

INPUT VOLTAGE RANGE: 3.0 to 5.5 Vdc
OUTPUT AREA RANGE: 25 to 43 Cm²
OPERATING TEMPERATURE RANGE: -10 to +55°C
STORAGE TEMPERATURE RANGE: -20 to +70°C

ABSOLUTE MAXIMUM RATINGS:

INPUT VOLTAGE: 6.0 Vdc
OUTPUT AREA: 48 Cm²

PACKAGE DIMENSIONS:



CAD FILE: 705-1003-001~1

APPROVALS

DRAWN BY
F. DYEMARTIN 7/1/98

CHECKED BY
J. KAHL 7/1/98

APPROVED BY
F. DYEMARTIN 7/1/98

AGENCY APPROVAL

CUSTOMER APPROVAL

JKL COMPONENTS CORPORATION
13343 PAXTON STREET PACOIMA, CA 91331 PHONE: (818) 896-0019

TITLE **INVERTER, EL**
5 VDC INPUT, 25-43 cm² OUTPUT

SIZE A	CAGE CODE 55335	DWG NO NDL - 203	REV A
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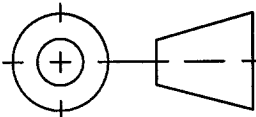
SCALE NONE

SHEET 1 OF 2

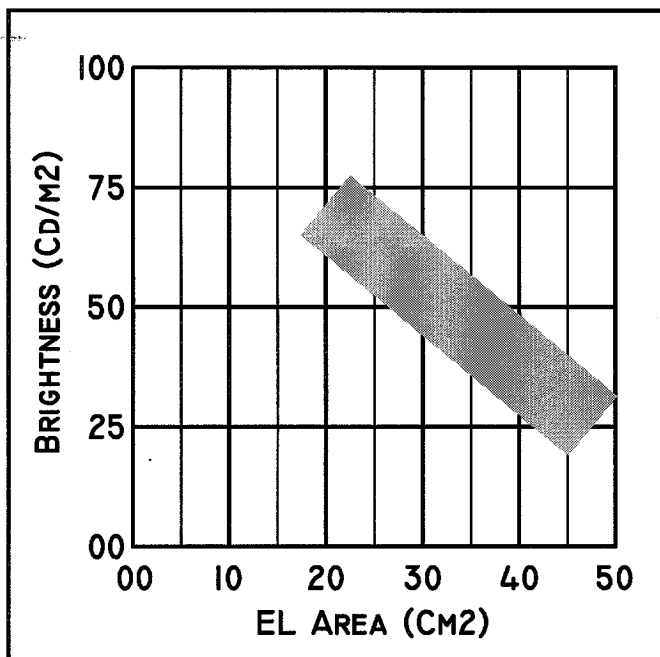
UNLESS OTHERWISE
SPECIFIED
DIMENSIONS ARE IN
MILLIMETERS

1 PL ± 0.2 2 PL ± 0.1
INTERPRET DIM AND TOL PER
ANSI Y14.5M - 1994

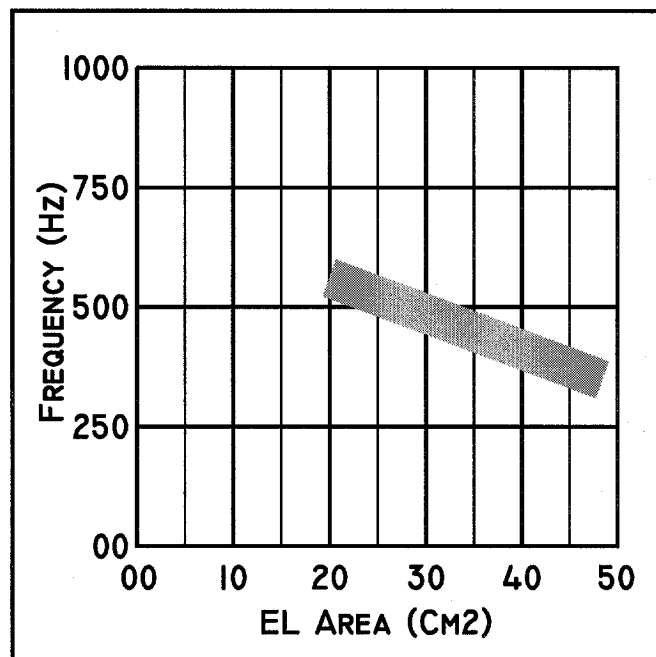
THIRD ANGLE PROJECTION



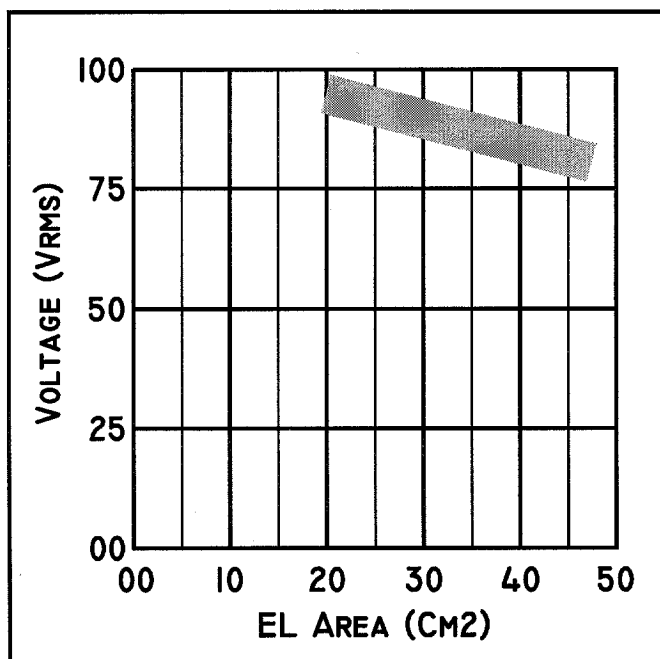
BRIGHTNESS VS EL ELEMENT AREA



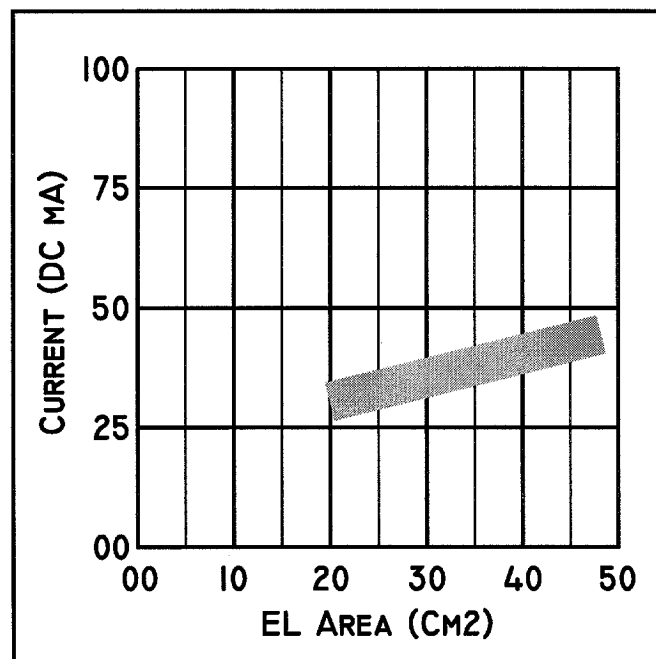
OUTPUT FREQUENCY VS EL ELEMENT AREA



OUTPUT VOLTAGE VS EL ELEMENT AREA



INPUT CURRENT VS EL ELEMENT AREA



NOTES:

1. Input Voltage 5.0 Vdc
2. Tested with NEL #LL-C
3. Tolerance bands show above are typical, each EL and Inverter combination should be tested to determine actual performance.