

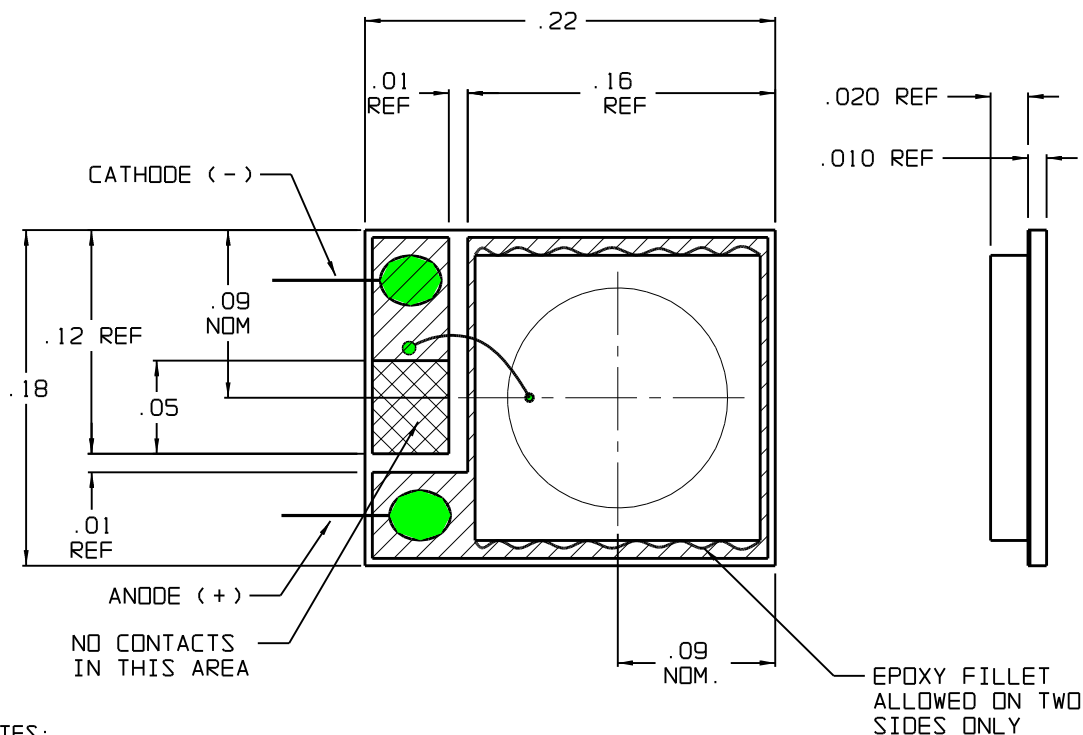
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	06/14/99	FC/HD
1	CHANGES PER DCN 401661	06/25/99	FC/CM/HD
2	CHANGES PER DCN 401924	12/08/99	WR/DFG
3	CHANGES PER DCN 401940	12/27/99	WR/DFG
4	CHANGES PER DCN 402075	04/18/00	WR/DFG

**NOTES:**

1. SPECIFICATION FOR A ROOM TEMPERATURE GERMANIUM PHOTOVOLTAIC DETECTOR:

MATERIAL: Ge-SC
ACTIVE AREA SIZE: 3.0 mm DIA
PACKAGE SPECIFICATION: C11
DETECTOR SPECIFICATION AT: 22 °C
MINIMUM RESPONSE AT 1.3 μm : 0.6 A/W
MINIMUM RESPONSE AT 0.85 μm : 0.2 A/W
MINIMUM DET. SHUNT IMPEDANCE (R_d) AT -10 nV: 45 Kohms
MAXIMUM REVERSE VOLTAGE (V_r): -0.25 VOLTS
MAXIMUM DARK CURRENT AT MAX V_r : 5.0 μA

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES:
TOLERANCES

DECIMALS

.X $\pm .02$
.XX $\pm .01$
.XXX $\pm .005$

ANGULAR

$\pm 1/2^\circ$

NEXT ASSY

USED ON

DRAWN: K.F.M.
DESIGN: K.F. MARSHALL
CHECK: FRANK CECI
PROJECT: N/A
REG. APPROV.: WILLIAM ROLLS
QA APPROV.: HOAN DUONG

THIRD ANGLE PROJECTION



DATE: 06/10/99
DATE: 6/14/99
DATE: 6/14/99
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DATE: 6/14/99

JUDSON TECHNOLOGIES

221 COMMERCE DRIVE
MONTGOMERYVILLE, PA 18936

TITLE

J16-C11-R03M-SC

SIZE

B

DWG NO.

56586

REV

460668P00

SHEET

1 of 1

SCALE 15:1

DO NOT SCALE DWG

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