NOTE:
1. DETECTOR CENTERED ±0.015 TO HEADER.
2. SPECIFICATIONS:
   J16
   MATERIAL TYPE: Ge
   ACTIVE AREA SIZE: 5.0 mm DIA
   PACKAGE SPECIFICATION: TO-8
   DETECTOR SPECIFICATIONS:
   ROOM TEMPERATURE
   MINIMUM RESPONSE AT 1.3 µm: 0.6 A/W
   MINIMUM RESPONSE AT 0.85 µm: 0.2 A/W
   MINIMUM DETECTOR SHUNT IMPEDANCE (Rd): 10 Kohms
   MAXIMUM REVERSE VOLTAGE (VR): 5.0 VOLTS
   DARK CURRENT AT MAX VR: 50 µA
   WINDOW MATERIAL: BOROSILICATE GLASS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES
DECIMALS ANGULAR
X ± .001 Z 1/16
X ± .001 Z 1/16
X ± .001 Z 1/16
X ± .001 Z 1/16

TELEDYNE JUDSON TECHNOLOGIES
777 COMMERCE DRIVE
BETHELHESPAH PA USA 18015

CATHODE (-)

ANODE (+)

BOTTOM VIEW

TOP VIEW

.41 DIA WINDOW OPENING

.193 ± .010

.125 ± .006 TO DETECTOR PLANE

.50

.018 ± .003 DIA PINS

.300 DIA PIN CIRCLE

.008 MAX GLASS CLIMB

.558 .548 DIA

.486 DIA

BUTT WELD

REV
DESCRIPTION
DATE
APPROVED
0 INITIAL RELEASE
11/20/08
FC-MD
1 CHANGES PER DGN 402308
11/15/08
WR/OFG