TOP VIEW

PIN No. CONNECTION
1 Ge ANODE
2 Si CATHODE
3 Ge CATHODE
4 Si ANODE

.040 THK WINDOW

.437 DIA
.437 DIA

.400 DIA PIN B.C.

.116 TO Si DEVICE PLANE

.077 TO Ge DEVICE PLANE

550 DIA

.185 MAX

.165

.173

TO8, CAP, SA

TO8, HEADER

NOTES:
1. TEST PER ATP No. 230007.

2. DETECTOR SPECIFICATIONS:
   MATERIAL: Si
   DETECTOR ACTIVE SIZE: 5.0 mm DIA
   WAVELENGTH RANGE: 400-1000 nm
   RESPONSIVITY AT 800 nm: 0.45 A/W MIN
   DETECTOR SHUNT IMPEDANCE: 40 Kohms TYPICAL
   MATERIAL: Ge-SC
   DETECTOR ACTIVE SIZE: 5.0 mm DIA
   WAVELENGTH RANGE: 1100-1800 nm
   MINIMUM RESPONSIVITY AT 800 nm: 0.62 A/W
   MINIMUM DETECTOR SHUNT IMPEDANCE: 14 Kohms
   DETECTOR PACKAGE: TO-8
   WINDOW MATERIAL: BOROSILICATE GLASS

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES DECIMALS ANGULAR
XXX ±0.001 ±1/8