1. Detector centered within ±0.005 on base.

2. Specifications:
   - Material type: PV-HgCdTe
   - Active area size: 0.250 mm Dia
   - Package specification: TO-18

Detector specification at:
   - Bias voltage: 22°C (Room Temperature)
   - Minimum D* (peak, 10 kHz, Hz): 0.0 V (Unless noted)
   - Minimum peak responsivity: 2.0E10 cmHz1/2W-1
   - Minimum shunt impedance: 7.5 Khms
   - Maximum reverse bias voltage: 0.2 Volts
   - Maximum dark current (lD) at Vr=0.1V: 20 µA
   - Window material: Sapphire

Tolerances:
   - Unless otherwise specified, decimals are in inches.

Cut lines:
   - .115±.015 to det. plane
   - .187 Dia. .150 Dia
   - .018 Dia pin
   - .75

Dimensions in inches:
   - 100 Dia pin circle
   - Anode (+)
   - Cathode (-)

Rev: 0
Description: Initial release
Date: 05/02
Approved: WR/DFG

Sheet: 1 of 1
Scale: 8:1
Do not scale drawing

Title: J19:2.8-18C-R250U
Drawing No.: 440045P00

K.F. Marshall
Frank Ceci
William Rolls
O. F. Greene