NOTES:

1. SPECIFICATIONS:

- DETECTOR MATERIAL TYPE: PbS3
- DETECTOR ACTIVE AREA SIZE: 10.0mm x 10.0mm
- DETECTOR TESTED AT: -20°C
- BIAS LOAD RESISTOR: 1 Mohm
- DETECTOR BIAS: 240 VDC
- MINIMUM D* (PEAK, 750Hz, 1Hz): 1.5E11 cmHz1/2W-1
- RESPONSIVITY (PEAK, 750Hz): 70,000 V/W
- SPECTRAL RESPONSE: 1 - 3.2 μm
- WAVELENGTH PEAK: 2.5 μm
- DARK RESISTANCE: 0.5 - 8 Mohms
- TIME CONSTANT: 500 - 1100 us
- WINDOW MATERIAL TYPE: Sapphire
- DETECTOR PACKAGE: TO-3

MARKING DIAGRAM

1 & 6 N/C
2 & 5 DETECTOR
7 & 8 THERMISTOR
3 TEC NEGATIVE
4 TEC POSITIVE

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES

DESCRIPTI  ANSI  MIL
DECIMALS  .001  .005
ANGLAR  1/4°  1/8°

PROJECT  N/A
DEPT  N/A
DRAWN  WILLIAM ROLLS
CHECKED  CLIVE MASON
APPROVED  12/17/01

THEMAE PROJECT

SCALE  3:1
DO NOT SCALE DMG
SHEET  1 of 1