NOTE(S):

1. SPECIFICATION FOR A THERMOELECTRICALLY COOLED Ge DETECTOR

MATERIAL TYPE: Ge-SC
ACTIVE AREA SIZE: 1.0 mm DIA
PACKAGE SPECIFICATIONS TO-8
DETECTOR SPECIFICATIONS AT: -30 °C
MINIMUM PEAK RESPONSE AT 1.3 mV: 0.6 A/W
MINIMUM DETECTOR SHUNT IMPEDANCE AT 22 °C: 250 Kohms
MINIMUM DETECTOR SHUNT IMPEDANCE: 40 Mohms
MAXIMUM REVERSE VOLTAGE (Vr): 0.25 V
WINDOW MATERIAL: BOROSILICATE GLASS