1. SPECIFICATION FOR A THERMOELECTRICALLY COOLED Ge DETECTOR

MATERIAL TYPE: Ge-HS
ACTIVE AREA SIZE: 3.0 mm DIA
PACKAGE SPECIFICATIONS: TO-8
DETECTOR SPECIFICATIONS AT: -30 °C
MINIMUM PEAK RESPONSE AT 1.3 μm: 0.6 A/W
MINIMUM DETECTOR SHUNT IMPEDANCE AT 22 °C: 15 Kohms
MINIMUM DETECTOR SHUNT IMPEDANCE: 2.0 Mohms
MAXIMUM REVERSE VOLTAGE (Vr): -0.5 V
WINDOW MATERIAL: BOROSILICATE GLASS