GMT-07 Pancake Mica Window-Alpha-Beta-Gamma Detector

**GENERAL SPECIFICATIONS**
- Gas filling: Ne + Halogen
- Cathode material: 446 Stainless Steel
- Maximum length (inch/mm): 3.00/76.1
- Effective depth (inch/mm): 0.5/12.7
- Maximum diameter (inch/mm): 2.11/53.6
- Effective diameter (inch/mm): 1.75/44.5
- Connector: Grid Cap
- Operating temperature range °C: -40 to +75

**WINDOW SPECIFICATIONS**
- Areal density (mg/cm²): 1.5-2.0
- Effective diameter (inch/mm): 1.75/44.5
- Material: Mica

**ELECTRICAL SPECIFICATIONS**
- Recommended anode resistor (meg ohm): 4.7
- Maximum starting voltage (volts): 425
- Recommended operating voltage (volts): 500
- Operating voltage range (volts): 475-675
- Maximum plateau slope (%/100 volts): 10
- Minimum dead time (micro sec): 40
- Gamma sensitivity Co60 (cps/mr/hr): 60
- Tube capacitance (pf): 3
- Weight (grams): 125
- Maximum background shielded 50mm Pb + 3mm Al (cpm): 30
- Minimum anode resistor (meg ohm): 3.3