

G3165A4

Bursting Munitions Fuze (BMF)

Lithium Primary Reserve Battery



EnerSys Advanced Systems Inc.
Power Sources Center

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GENERAL

- Electrochemistry: Lithium/Sulfuryl Chloride (Li/SO₂Cl₂)
- Storage Life: 20 years
- Configuration: Liquid Reserve

PERFORMANCE

- Voltage: 2.8V to 4.3V
- Current: 20 mA
- Capacity: 3.4 mAh
- Activation Time: <25 ms
- Run Time: >30 sec.
- Setback Initiation: 8,000 G's min.



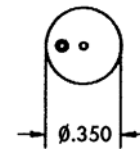
PHYSICAL CHARACTERISTICS

- Diameter (nominal): 0.35 inches
- Length (nominal): 0.40 inches
- Weight (nominal): 0.071 oz. (2.0 gm)
- Operating Temperature Range: -25°F to +160°F (-32°C to +71°C)
- Storage Temperature: -60°F to +160°F (-51°C to +71°C)
- Connector: 2 pins, case ground negative
- Case Material: Stainless Steel

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ENVIRONMENTAL

- Acceleration: 70,000 G max.
- Spin: 2,100 RPS max.
- Designed to meet the requirements of MIL-STD 331



APPLICATIONS

- Smart weapons
- Guided Projectiles
- Electronic Fuzing
- Medium Caliber Munitions

