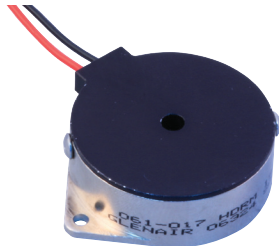


SERIES 06

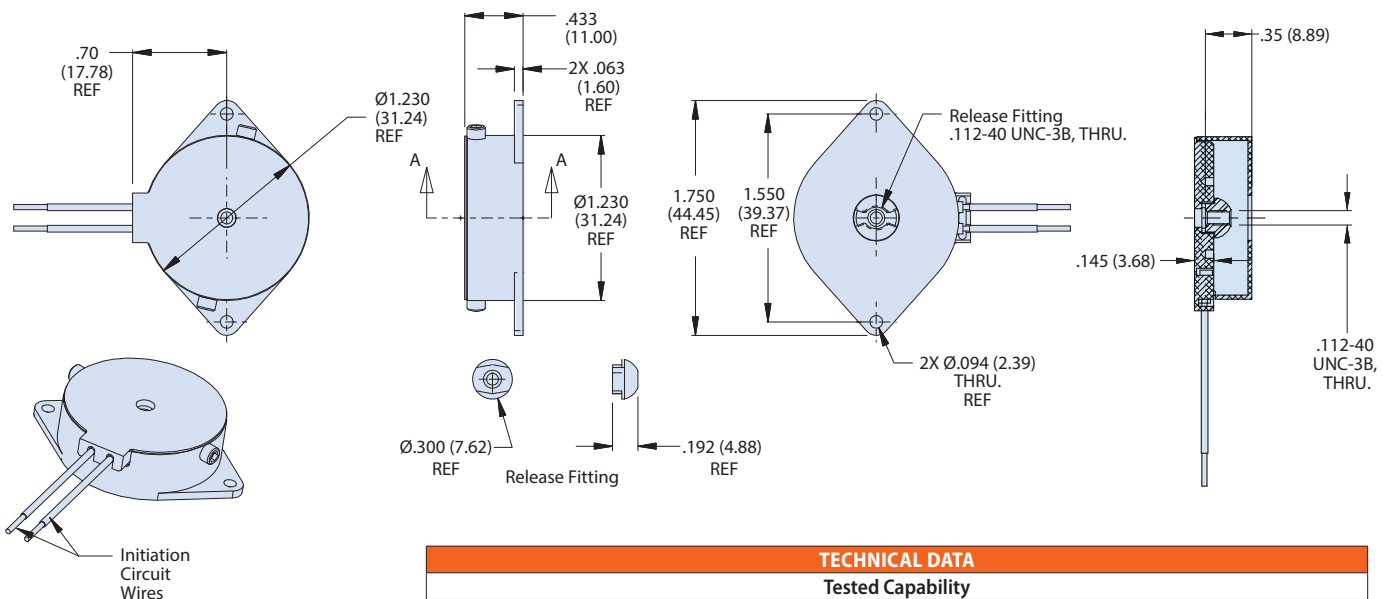
Hold-Down and Release Mechanisms



061-017 Medium-Duty HDRM · Low-profile, Non-redundant circuit,
300 lb release preload



HOW TO ORDER		
Sample Part No.	061-017	-1450
Basic Part No.	Medium-Duty HDRM, Non-Redundant Circuit	
Mod Code	-1450 = 80µin (2µm) wire silver plating XL-ETFE Omit for standard MS22759/44 wire	



FEATURES AND BENEFITS

- Field refurbishable: Initiator can be replaced in less than 15 minutes by trained personnel
- Reliability prediction: 0.999999983
- Packaging: External housing typically supplied with two mounting points. Custom housings and mountings available
- Connectorization: Standard design supplied with wire inputs. Connectorized versions available.
- Scalable bolt size: Bolt size determines preload and can be scaled to accommodate a wide range of requirements
- Initiation circuit wires supplied 18" standard. Custom lengths are available, consult factory.

TECHNICAL DATA	
Tested Capability	
Rated Release Preload	300 pounds
Random Vibration	50.9 GRMS
Actuation Time	Under 60 ms @3.5 Amps
Shock Input	2,528 Gs
Thermal Vacuum	10 cycles -150°C to +150°C, 1.0 X 10 ⁻⁵ Torr
Life Cycle	10 releases on one unit, minimum
Electrical Characteristics	
Initiation Circuit Resistance	<2.0 Ohms
Physical Characteristics	
Mass	33.1 grams approximate weight
Release component thread	.112-40 UNC-3B
Material list	IAW MSFC-STD-3029

MATERIALS/FINISH

- Housing: Al Alloy / Electroless Nickel IAW AMS-C-26074
- Release Rod: Stainless Steel / Passivate
- Segments: Stainless Steel / Passivate
- Wire: GS22759-44 silver-plated XL-ETFE. Use Mod Code -1450 for Red Plague resistant 80µin (2µm) Ag plating.

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