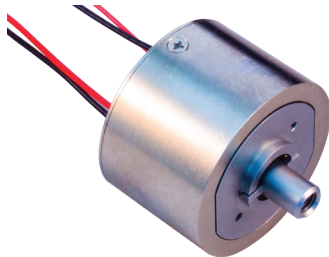


SERIES 06

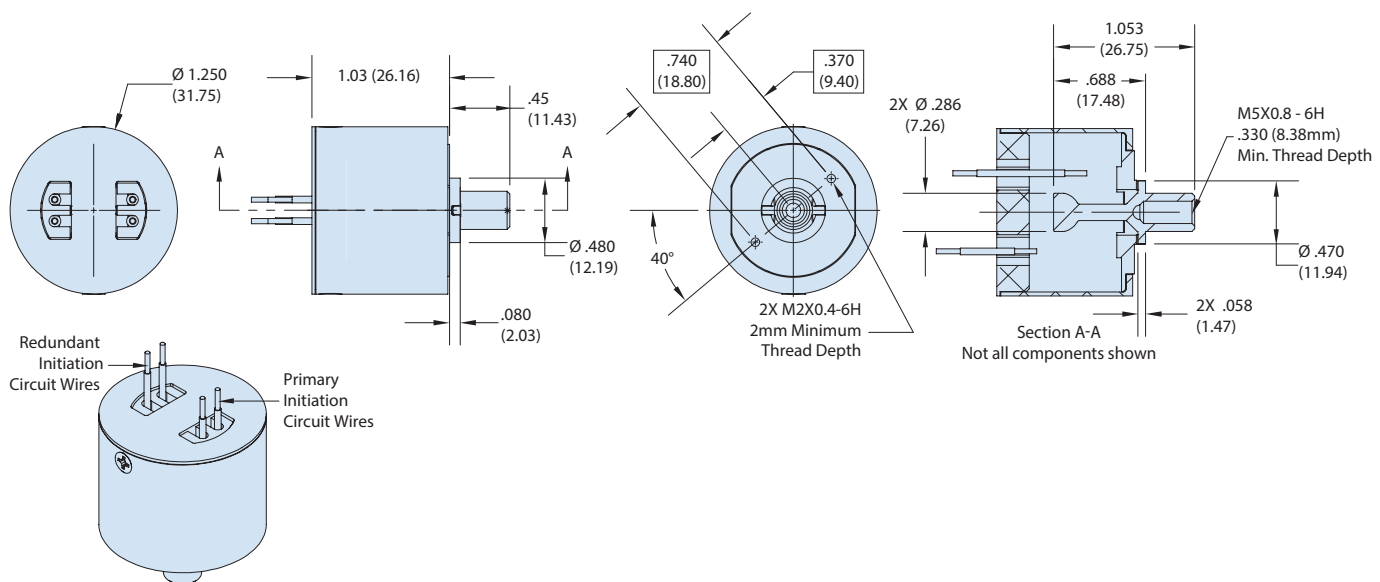
Hold-Down and Release Mechanisms



061-024 Medium-Duty HDRM · Metric thread, Redundant circuit,
1000 lb release preload



HOW TO ORDER		
Sample Part No.	061-024	-1450
Basic Part No.	Medium-Duty HDRM, Redundant Circuit	
Mod Code	-1450 = 80µin (2µm) wire silver plating XL-ETFE Omit for standard MS22759/44 wire	



FEATURES AND BENEFITS

- Redundant initiation: 2 initiation points
- Field refurbishable: Initiator can be replaced in less than 15 minutes by trained personnel
- Reliability prediction: 0.9999994 based on scaled design
- 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	
Qualified design based off similarity consult factory for test report	
Electrical Characteristics	
Initiation Circuit Resistance	0.8 To 2.0 Ohms
DC Insulation Resistance	>2MΩ at 250 VDC
Minimum Actuation Current	2.0 Amps, <150 msec
No Fire Current	0.25 Amp for 5 minutes under all conditions
Physical Characteristics	
Mass	65.2 grams approximate weight
Release component thread	M5X0.8-6H
Material list	IAW MSFC-STD-3029

MATERIALS/FINISH

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

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