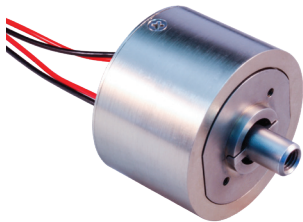


SERIES 06

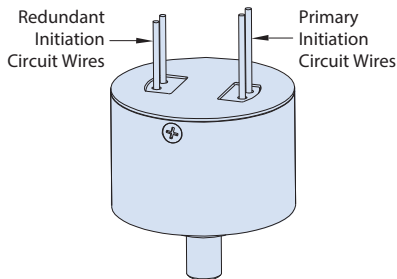
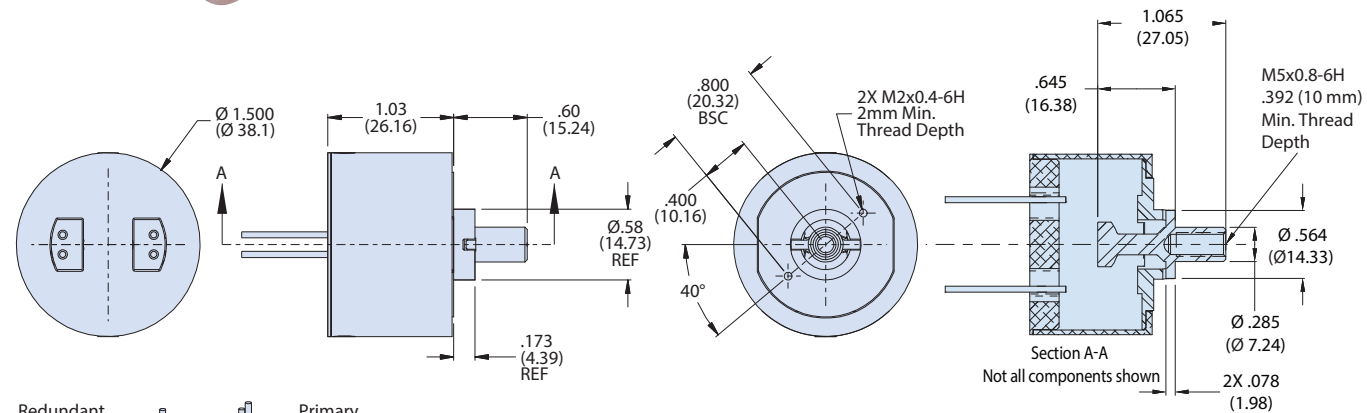
Hold-Down and Release Mechanisms



061-023 Medium-Duty HDRM · Metric thread, Redundant circuit
2500 lb release preload

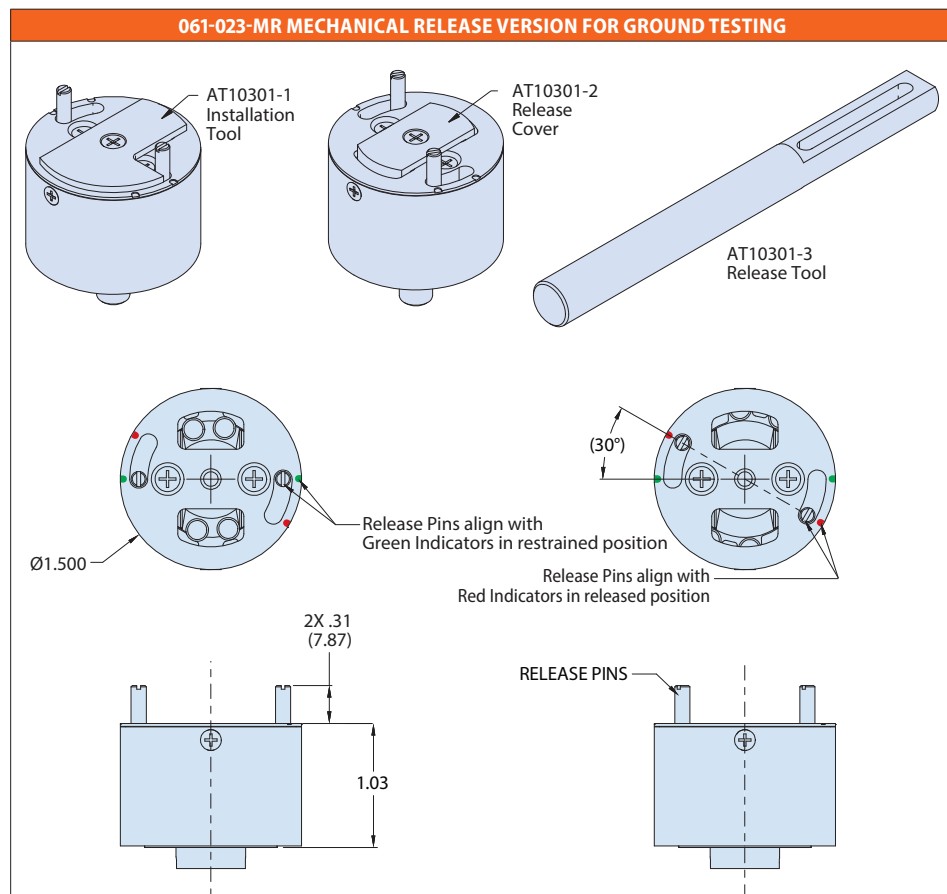


HOW TO ORDER			
Sample Part No.	061-023	-MR	-1450
Basic Part No.	Medium-Duty HDRM, Redundant Circuit		
Mechanical Release	-MR = Mechanical release. Omit for electrical initiator		
Mod Code	-1450 = 80µin (2µm) wire silver plating XL-ETFE Omit for standard MS22759/44 wire or when ordering -MR mechanical release ground test unit		



FEATURES AND BENEFITS

- Redundant initiation: 2 initiation points
- Field refurbishable: Initiator can be replaced in less than 15 minutes by trained personnel
- Reliability prediction: 0.99999943
- 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.



061-023 Medium-Duty HDRM · Metric thread, Redundant circuit 2500 lb release preload

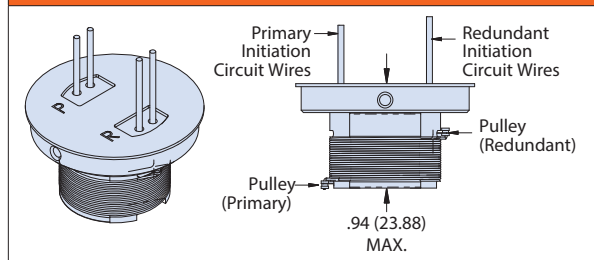
MATERIALS/FINISH

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

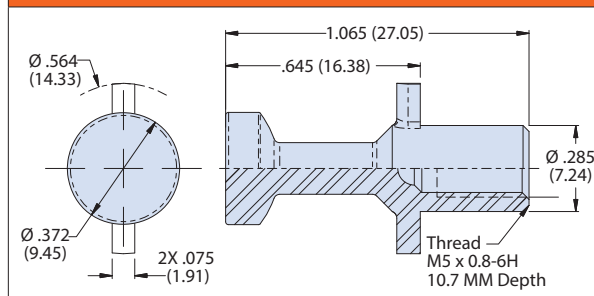
TECHNICAL DATA

Tested Capability	
Sine Vibration	25 G
Random Vibration	50.9 GRMS
Shock Input	2849 Gs
Thermal Vacuum	10 cycles -150c to +150c, 1.5 X 10 ⁻⁶ Torr
Life Cycle	10 releases on one unit, minimum
Source Shock	Under 300
Electrical Characteristics	
Initiation Circuit Resistance	0.5 To 2.0 Ohms
Dc Insulation Resistance	>2 MΩ at 250 VDC
Qualification Actuation Current	3.5 Amps, <100 msec
No Fire Current	0.25 Amp for 5 min., all conditions
Physical Characteristics	
Mass	84.3 grams nominal weight
Release component thread	M5x0.8-6H
Material list	IAW MSFC-STD-3029

060-123 REFURBISHMENT INITIATOR



069-102-4 SPARE RELEASE ROD



069-113-4 LOAD SEGMENTS

