

SERIES 06

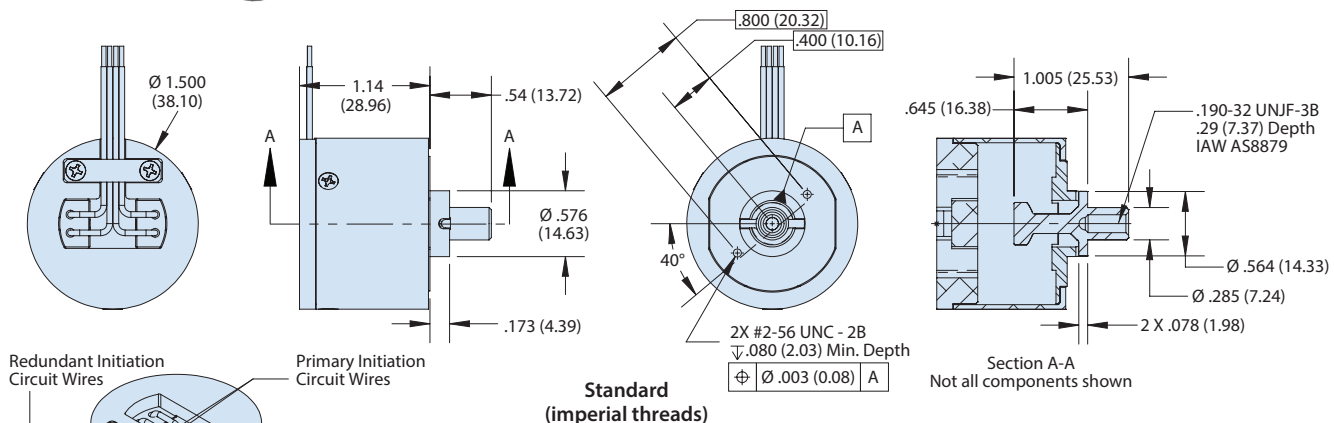
Hold-Down and Release Mechanisms



061-035 Medium-Duty HDRM · 90° Bend · Redundant circuit
2500 lb release preload



HOW TO ORDER				
Sample Part No.	061-035	-M	-MR	-1450
Basic Part No.	Medium-Duty HDRM, Redundant Circuit			
Metric Screw Threads	-M = Metric Omit for standard			
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			

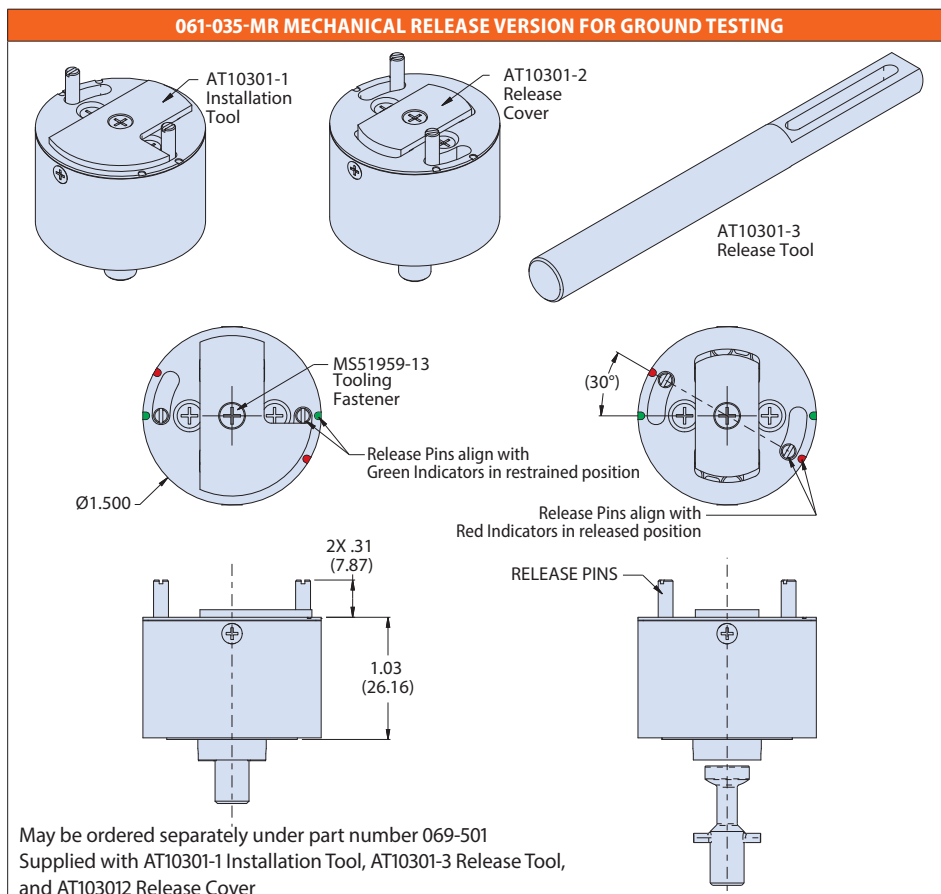


FEATURES AND BENEFITS

- Redundant initiation: 2 initiation points
- Field refurbishable: Initiator can be replaced in less than 15 minutes by trained personnel
- Packaging: External housing typically supplied with two mounting points. Custom housings and mountings available
- Connectorization: Standard design supplied with wire inputs. Connectorized versions available.
- Initiation circuit wires supplied 18" standard. Custom lengths are available, consult factory.

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.

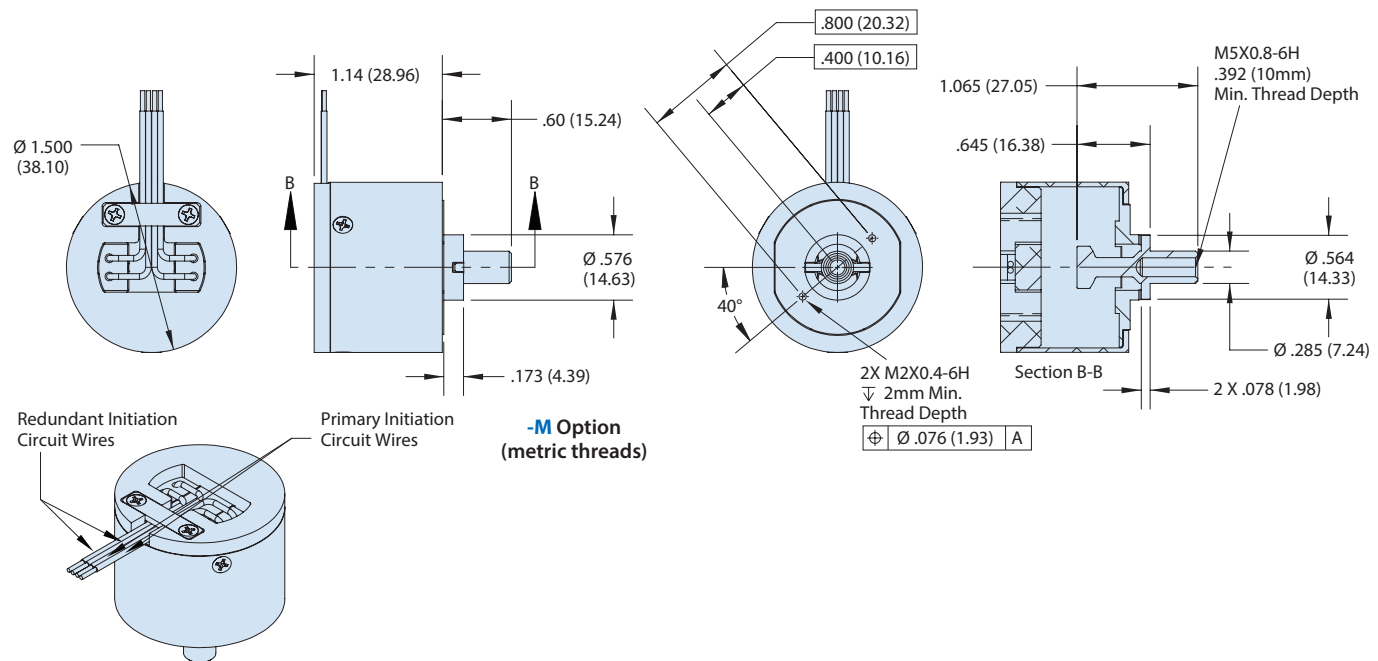


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TECHNICAL DATA		
Tested Capability		
Sine Vibration	25 G	
Random Vibration	50.9 GRMS	
Shock Input	2849 Gs max	
Thermal Vacuum	10 cycles -150c to +150c, 1.5 X 10 ⁻⁶ Torr	
Life Cycle	10 releases on one unit, minimum	
Source Shock:	Preload	Max G Level
	2500	< 300
Extended Preload	< 4% Loss	
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	
Minimum Actuation Current	2.0 Amps, < 150 msec	
No Fire Current	0.25 Amp for 5 min., all conditions	
Physical Characteristics		
Bolt	.190-32 UNJF-3B OR M5x0.8-6H	
Material list	IAW MSFC-STD-3029	

