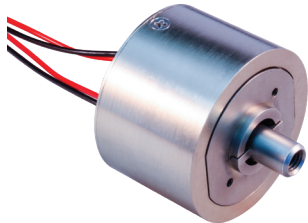


SERIES 06

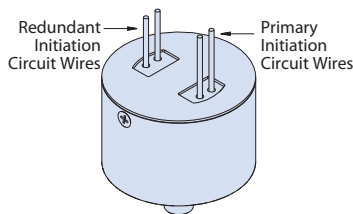
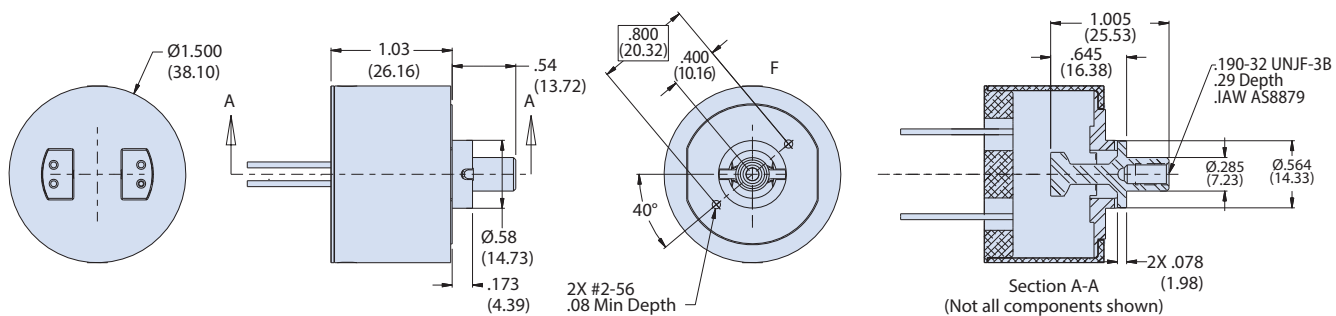
Hold-Down and Release Mechanisms



061-005 Medium-Duty HDRM · Redundant circuit
2500 lb release preload

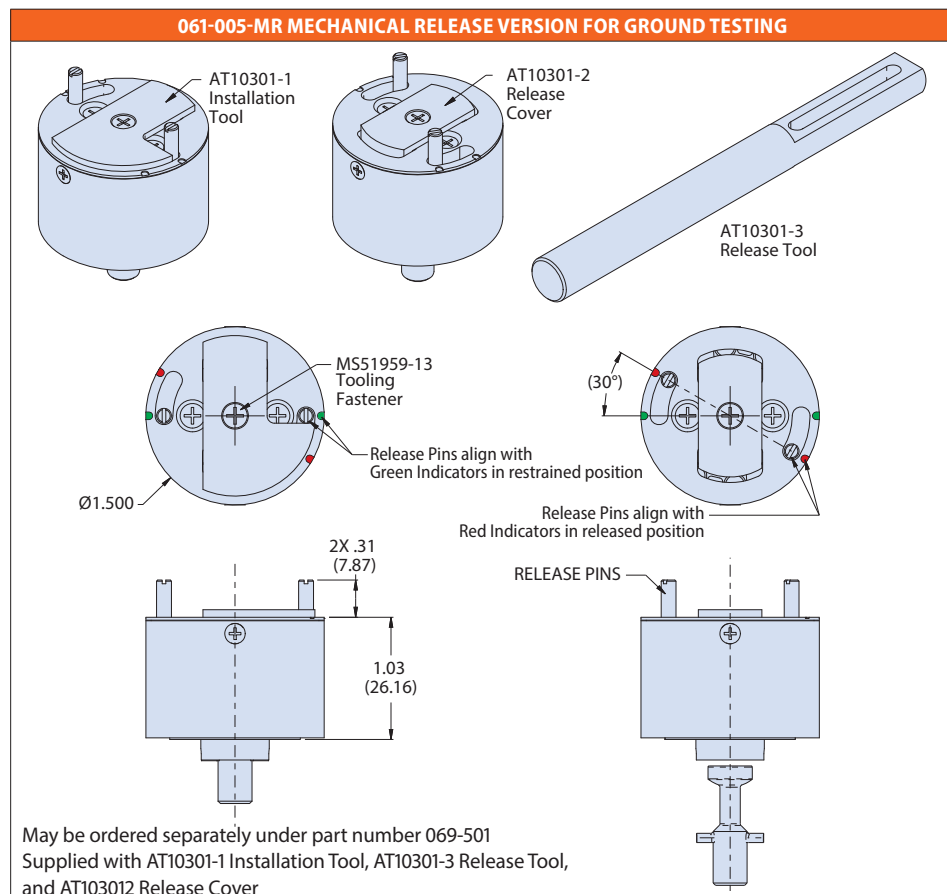


HOW TO ORDER			
Sample Part No.	061-005	-MR	-1450
Basic Part No.	Medium-Duty HDRM, Redundant Circuit		
Mechanical Release Test Unit	Omit for standard HDRM with electrical initiator		
Mod Code	-1450 = 80µin (2µm) wire silver plating XL-ETFE Omit for standard MS22759/44 wire or when ordering -MR mechanical release ground test unit		



FEATURES AND BENEFITS

- Redundant initiation: 2 initiation points. Primary and Redundant Initiation Wires IAW M22759/44-20-0 and M22759/44-20-2. Length = 18 in. (457.2 mm) min.
- 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
- Qualification Test Report available
- All Glenair HDRMs and Initiators are 100% serialized
- Initiation circuit wires supplied 18" standard. Custom lengths are available, consult factory.

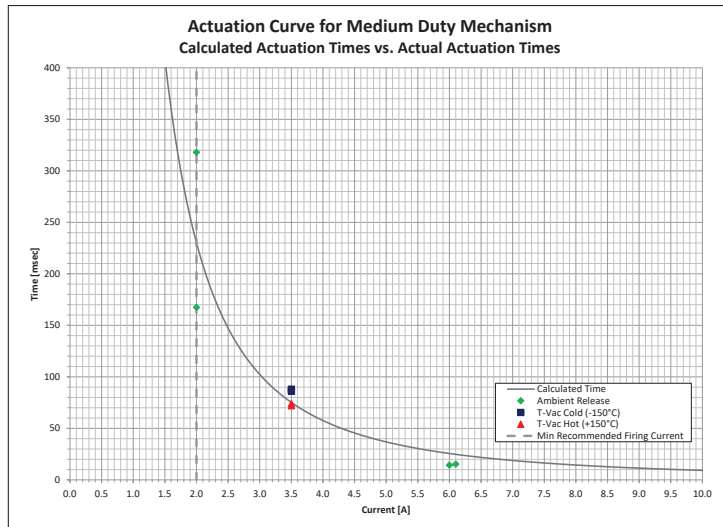
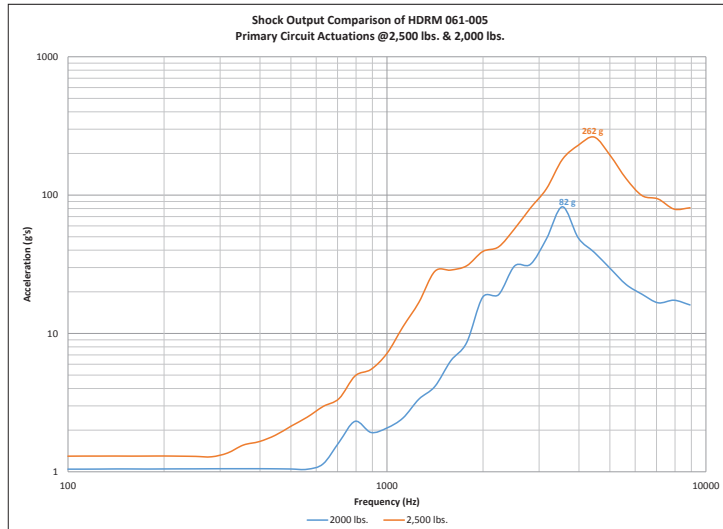


SERIES 06

Hold-Down and Release Mechanisms



061-005 Medium-Duty HDRM · Redundant circuit 2500 lb release preload



MATERIALS/FINISH

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

TECHNICAL DATA

Tested Capability

Nominal Release Preload	2500 lbs. (11.1 kN)
Sine Vibration	25 G
Random Vibration	50.9 GRMS
Shock Input	2,849 Gs max.
Thermal Vacuum	10 cycles -150°C to +150°C, 1.0 X 10 ⁻⁶ Torr
Life Cycle	10 releases on one unit, minimum
Source Shock	Preload 2500 Max. G level <300
Extended Preload	<4.0% loss

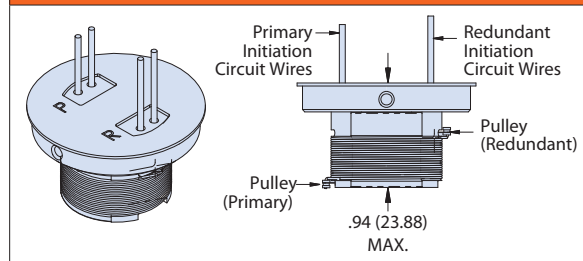
Electrical Characteristics

Initiation Circuit Resistance	0.5 – 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

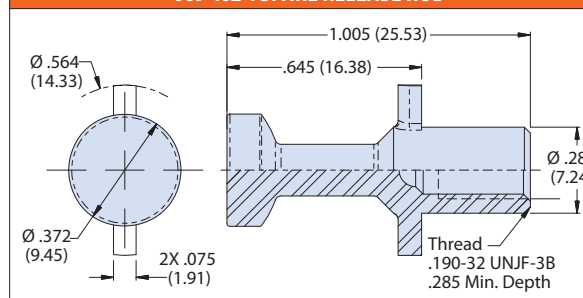
Physical Characteristics

Mass	85.1 grams nominal weight
Release component thread	0.190-32 UNJF-3B*
Material list	IAW MSFC-STD-3029

060-105 REFURBISHMENT INITIATOR



069-102-1 SPARE RELEASE ROD



069-113-1 LOAD SEGMENTS

