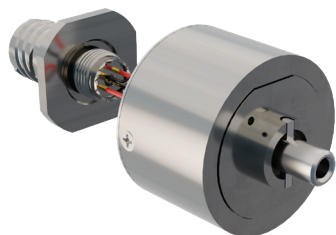


SERIES 06

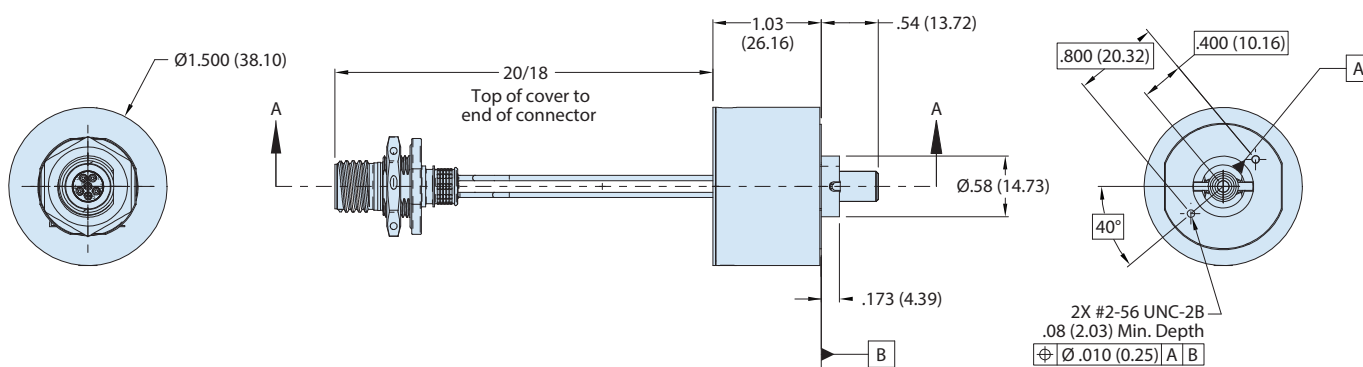
Hold-Down and Release Mechanisms



061-031 Medium-Duty HDRM · Harnessed · Redundant circuit
2500 lb release preload



HOW TO ORDER			
Sample Part No.	061-031	M	-1450
Basic Part No.	Medium-Duty HDRM, Redundant Circuit		
Connector Options	-D = D38999 (Glenair P/N D38999/24GA35PN. Contact assignment per Table I.) -M = Series 806 Mil-Aero (Glenair P/N 806-020-ME8-4PBA. Contact assignment per Table II. Mates with plug 806-012-ME8-4SBA.)		
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
- Packaging: External housing typically supplied with two mounting points. Custom housings and mountings 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, Load Segments: 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

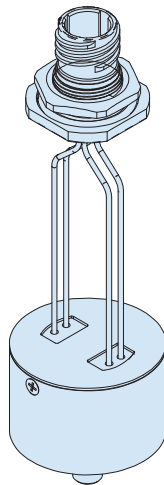
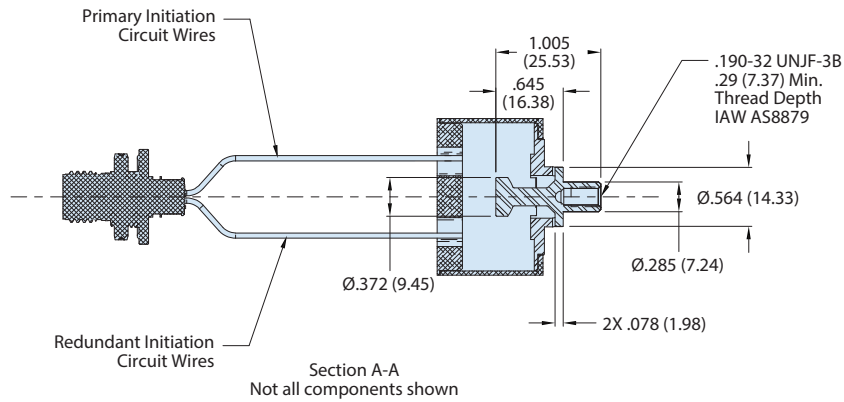
Tested Capability	
Sine Vibration	25 G
Random Vibration	50.9 GRMS
Shock Input	2849 Gs
Thermal Vacuum	10 cycles -150c to +150c, 1.5 X 10 ⁻⁶ Torr
Life Cycle	10 releases on one unit, minimum
Source Shock	Under 300 Gs at 2500 lbs.
Extended Preload	< 4% loss
Electrical Characteristics	
Initiation Circuit Resistance	0.5 to 2.0 Ohms
DC Insulation Resistance	>2 MΩ at 250 VDC
Qualification Actuation Current	3.5 Amps, < 100 msec
No Fire Current	0.25 Amp for 5 min., all conditions
Physical Characteristics	
Bolt	.190-32 UNJF-3B
Material list	IAW MSFC-STD-3029

SERIES 06

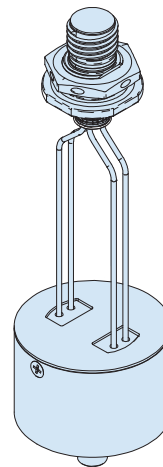
Hold-Down and Release Mechanisms



061-031 Medium-Duty HDRM · Harnessed · Redundant circuit
2500 lb release preload



061-031D



061-031M

TABLE I - 061-031-D

Pin Assignments for D38999 connector	
Pin	Definition
1	Primary
2	Primary
3	Open (to be populated)
4	Redundant
5	Redundant
6	Open (to be populated)

TABLE II - 061-031-M

Pin Assignments for Sr. 806 Mil-Aero connector	
Pin	Definition
1	Primary
2	Primary
3	Redundant
4	Redundant