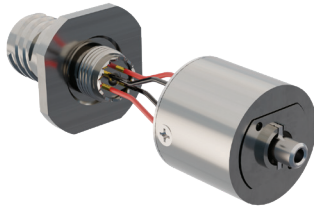


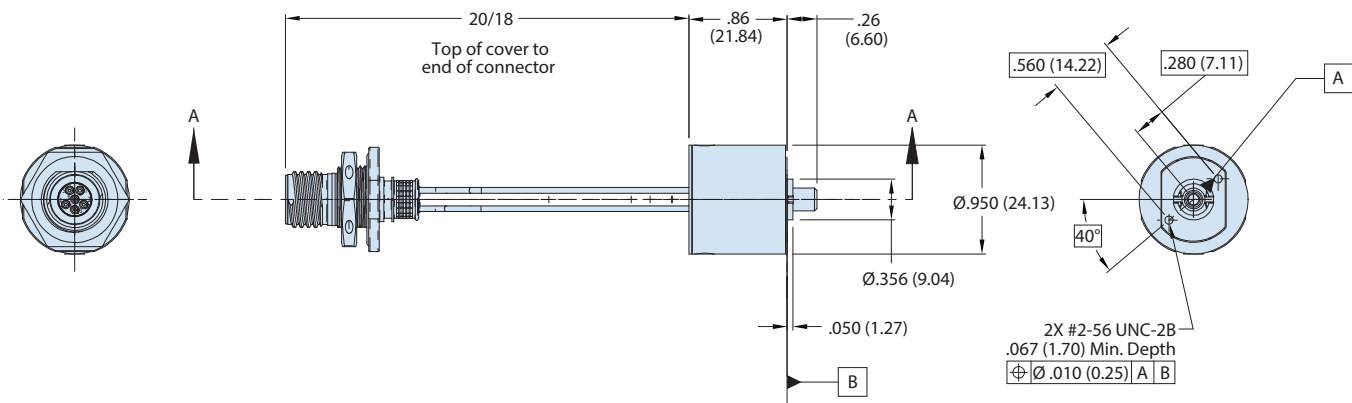
SERIES 06 Hold-Down and Release Mechanisms



061-033 Medium-Duty HDRM · Harnessed · Redundant circuit
600 lb release preload



HOW TO ORDER			
Sample Part No.	061-033	D	-1450
Basic Part No.	Medium-Duty HDRM , Redundant Circuit		
Options	D = D38999 (Glenair connector PN D38999/24GA35PN. Contact assignment per Table I. Unused locations shall be populated.) M = Sr. 806 Mil-Aero (Glenair connector PN 806-020-ME8-4PBA. Contact assignment per Table II. Connector 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

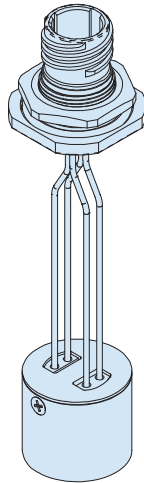
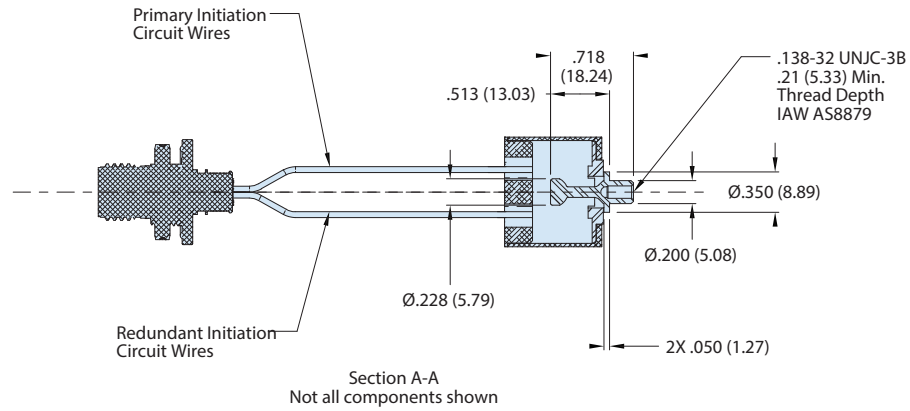
- Housing: Al Alloy / Electroless Nickel IAW AMS-C-26074
- Release Rod, Load Segments: Stainless Steel
- Insulator: Torlon
- Wire: GS22759-44 silver-plated XL-ETFE. Use Mod Code **-1450** for Red Plague resistant 80µin (2µm) Ag plating.

TECHNICAL DATA	
Tested Capability	
Nominal Release Preload	600 pounds
Electrical Resistance	0.8 to 2.0 Ohms
Sine Vibration 3 orthogonal axes	25 Gs
Random Vibration 3 orthogonal axes	50.9 GRMS
Actuation Time	Under 60 ms @3.5 Amps
Source Shock	Under 150 Gs @600 pounds
Life Test	10 refurbishments during qualification and an expected continued usage
Temperature	-150°C to +150°C released in a vacuum (1x10 ⁻⁶ Torr)
Electrical Characteristics	
Initiation Circuit Resistance	0.8 To 2.0 Ohms
DC Insulation Resistance	>2MΩ at 250 VDC
Qualification Actuation Current	3.5 Amps, <60 msec
No Fire Current	0.25 Amp for 5 min., all conditions
Physical Characteristics	
Mass	38.5 grams approximate weight
Release component thread	.138-32 UNJC-3B, .207 Min. Depth, IAW AS8879
Material list	IAW MSFC-STD-3029

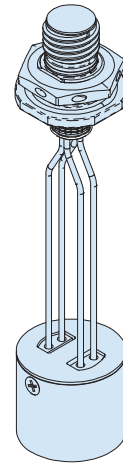
SERIES 06 Hold-Down and Release Mechanisms



061-033 Medium-Duty HDRM · Harnessed · Redundant circuit
600 lb release preload



061-033D



061-033M

TABLE I - 061-033D	
Pin Assignments	
Pin	Definition
1	Primary
2	Primary
3	Open
4	Redundant
5	Redundant
6	Open

TABLE II - 061-033M	
Pin Assignments	
Pin	Definition
1	Primary
2	Primary
3	Redundant
4	Redundant