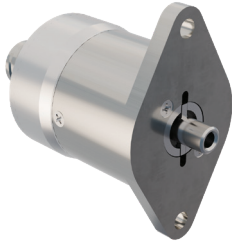


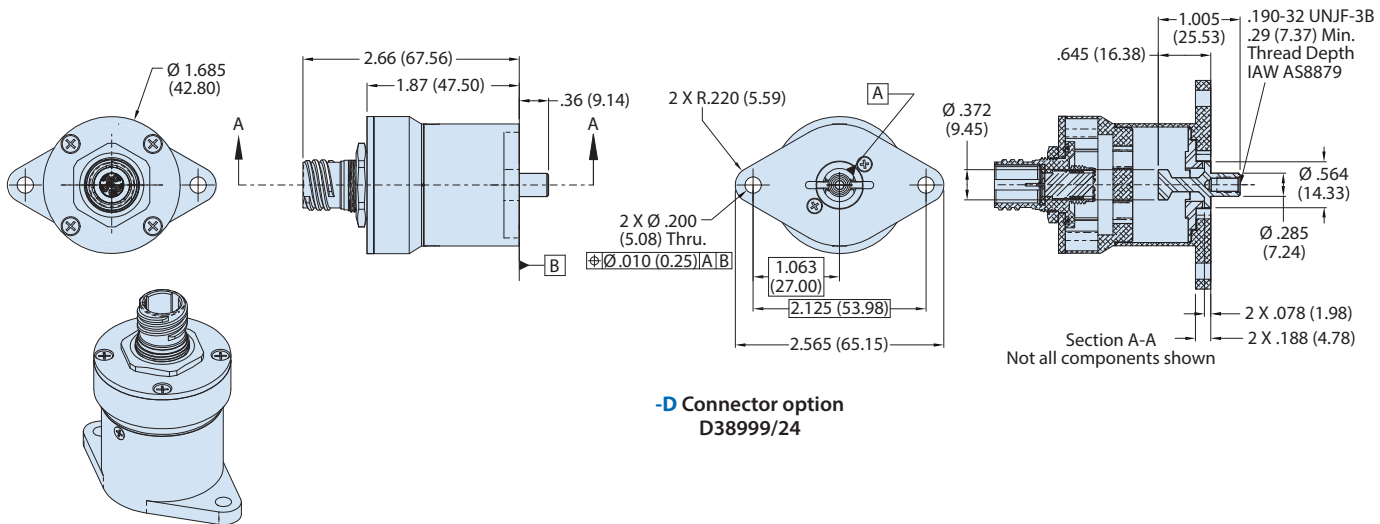
# SERIES 06 Hold-Down and Release Mechanisms



061-028 Medium-Duty HDRM · Connectorized · Redundant circuit  
2500 lb release preload



HOW TO ORDER			
<b>Sample Part No.</b>	<b>061-028</b>	<b>-D</b>	<b>-1450</b>
<b>Basic Part No.</b>	Medium-Duty HDRM, Redundant Circuit		
<b>Connector Options</b>	-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.)		
<b>Mod Code</b>	-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

## 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	
<b>Tested Capability</b>	
Sine Vibration	25 G
Random Vibration	50.9 GRMS
Shock Input	2849 Gs
Thermal Vacuum	10 cycles -150c to +150c, 1.5 X 10 <sup>-6</sup> Torr
Life Cycle	10 releases on one unit, minimum
Source Shock:	Under 300 Gs at 2500 lbs
<b>Electrical Characteristics</b>	
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
<b>Physical Characteristics</b>	
Bolt	.190-32 UNJF-3B
Material list	IAW MSFC-STD-3029

TABLE I - 061-028-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 - 061-028-M	
Pin Assignments for Sr. 806 Mil-Aero connector	
Pin	Definition
1	Primary
2	Primary
3	Redundant
4	Redundant

# SERIES 06 Hold-Down and Release Mechanisms



061-028 Medium-Duty HDRM · Connectorized · Redundant circuit  
2500 lb release preload

