

SERIES 06

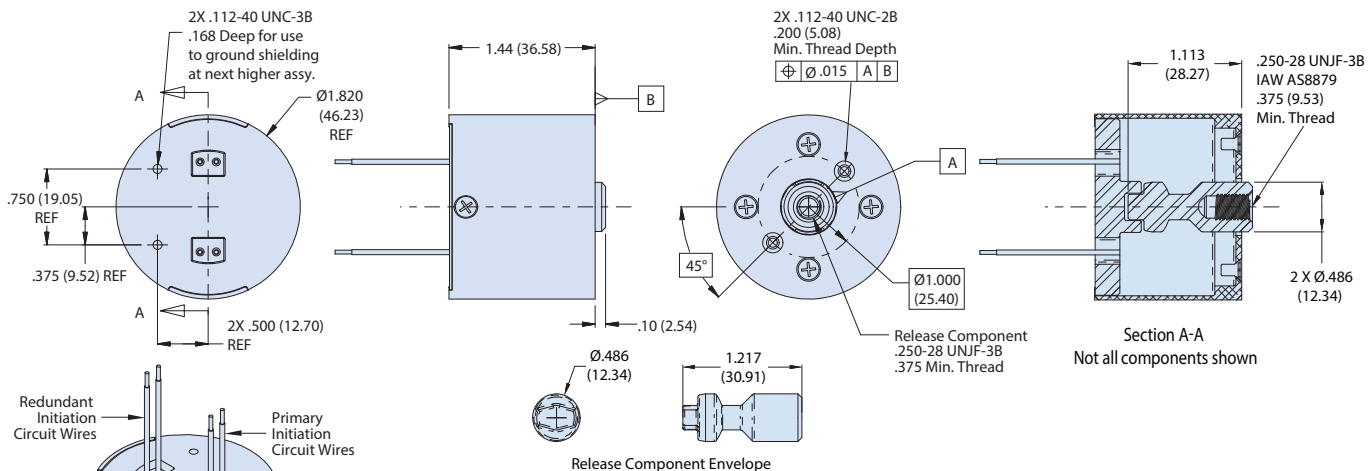
Hold-Down and Release Mechanisms



061-022 Medium-Duty HDRM · Redundant circuit 4000 lb release preload



HOW TO ORDER		
Sample Part No.	061-022	-1450
Basic Part No.	Medium-Duty HDRM, Redundant Circuit	
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
- Connectorization: Standard design supplied with wire inputs. Connectorized versions available.
- Scalable bolt size: Bolt size determines preload and can be scaled to accommodate a wide range of requirements
- Initiation circuit wires supplied 18" standard. Custom lengths are available, consult factory.

TECHNICAL DATA	
Tested Capability	
Sine Vibration	25 G
Random Vibration	50.9 GRMS
Thermal Vacuum	10 cycles -150c to +150c, 1.0 X 10 ⁻⁵ Torr
Life Cycle	10 releases on one unit, minimum
Source Shock	Preload 4000 Max G Level <200
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	
Mass	224 grams nominal weight
Release component thread	0.250-28 UNJF-3 B*
Material list	IAW MSFC-STD-3029

MATERIALS/FINISH

- Housing: Al Alloy / Electroless Nickel IAW AMS-C-26074
- Release Rod, Retainer: 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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