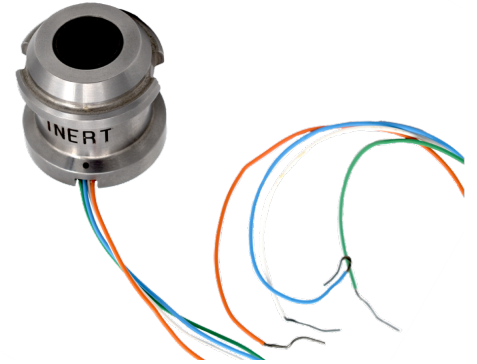


**PRODUCT FAMILY**

**PIN PULLER**

This Pin Puller was designed so that when the pin retracted an integral switch is closed, allowing the launch of the missile. This device utilizes internal shock attenuation to suppress the audible noise. The hermetically sealed device contains MIL-I-23659 qualified 2-100940-2 initiator. All products of combustion are contained. The pin will retract .41 inch under a 100-pound side load.



**PERFORMANCE DATA**

Bridgewire Resistance:	1.0 ± .0 ohms
Insulation Resistance:	> 50 megohms at 500 VDC
Dielectric Strength:	.1 ma at 500 VRMS
Electrostatic Discharge:	25 KVDC per MIL-I-23659
Internal Switch Resistance:	< .11 ohms
Switch Insulation Resistance:	> 100 megohms at 100 VDC
No-Fire:	1 amp/1 watt for 5 minutes
All-Fire:	3.5 amps
Temperature Range:	-51 °F to +160 °F
Temperature Shock:	20 cycles between extremes
Shock:	Up to 75 g's in varying axes
Random Vibration:	Performed as hot and cold
Function:	Piston retracts .41 inch with 100 lb side load
Function Tme:	10 ms
Hermetic Seal:	≤ 1 x 10 <sup>-6</sup> cc/sec Helium

**APPLICATIONS**

This device is used to retain the Javelin missile in the launch tube prior to launch.

**ESTIMATED WEIGHT**

.19 lbs

