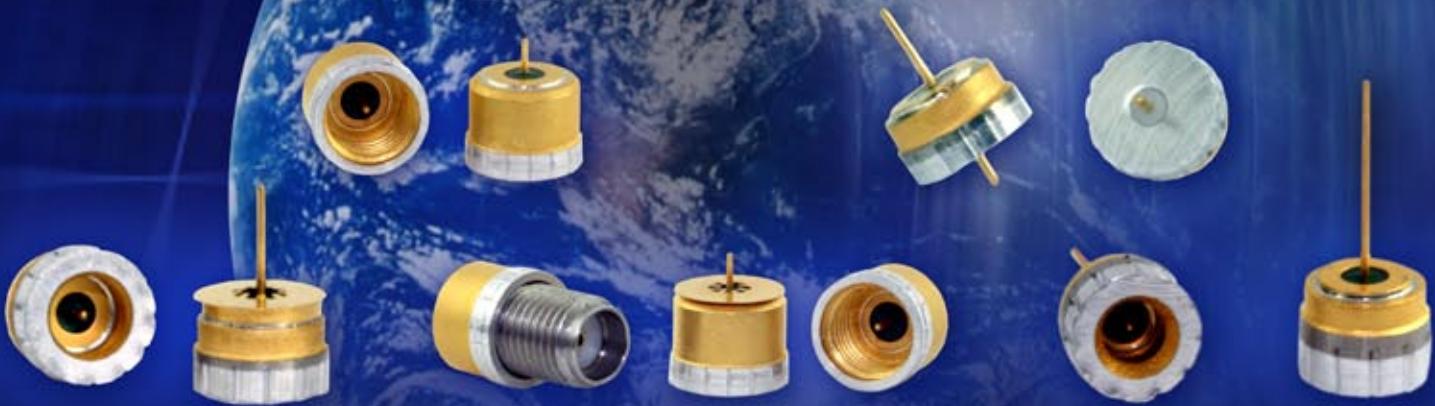


WORLD LEADER

HERMETIC CONNECTORS HERMETIC PACKAGING

ALUMINUM WELDABLE
STABILIZER SERIES,
RF FEEDTHROUGHS



ALUMINUM WELDABLE STABILIZER SERIES, RF FEEDTHROUGHS

SRI Hermetics' aluminum laser weldable 50 ohm feedthroughs feature an exclusive press-in knurled flange designed to align the feedthrough and maintain its position during welding. This feature eliminates the tendency for the feedthrough to move during the welding process resulting in superior grounding to the housing. The press-in feature requires a simpler hole detail in the housing and will give you consistent grounding each and every time. The press-in feature is available in all form factors of coaxial feedthroughs including flange mount adaptable (FMA), SMA, SSMA, SMP, SMPM, and SMPS.

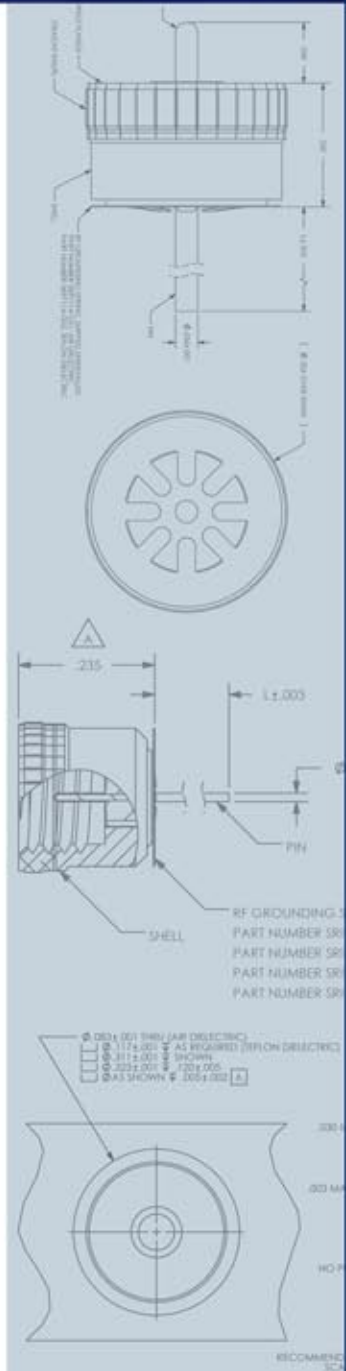


New SRI Hermetics' Press-In SMP



Legacy industry standard SMP

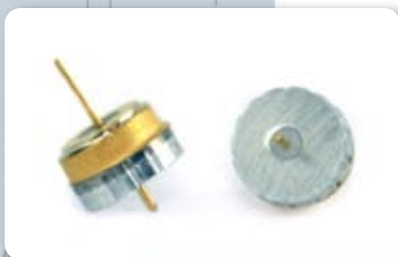
When you are ready to start your hermetic project, our staff works with you to design products to meet those needs.



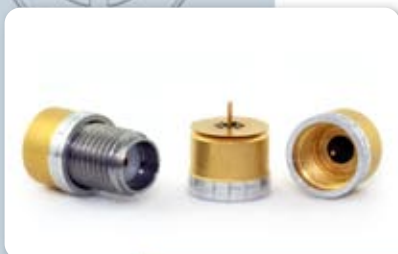
GENERAL DESIGN SPECIFICATIONS

- All interfaces manufactured in accordance with MIL-STD-348.
- Leak Rate is less than 1×10^{-9} cc/sec He at one atmosphere differential pressure.
- Operating temperature range for RF feedthroughs
-65°C to +200°C
- Dielectric is Corning 7070 equivalent glass
- Nominal Impedance is 50 Ohms
- RF grounding spring is made of Nickel/Gold plated beryllium copper

(see sales drawings for specific configurations)



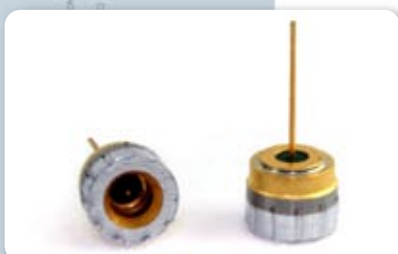
SRIFT 110



SRIFT 501



SRIFT 1006



SRIFT 1007

Sales Drawing	Description
SRIFT110	Flange Mount Adaptable, .012", .015", .020" pin
SRIFT114	Flange Mount Adaptable, TNC, .036" pin
SRIFT501	Thread-In SMA, .012", .015", .020" pin
SRIFT502	Thread-In SSMA, .012" and .015" pin
SRIFT1006	SMP, Full Shroud/Short Body
SRIFT1009	SMP, Half Shroud/Short Body
SRIFT1010	SMP, Half Shroud/Full Body
SRIFT1011	SMP, Full Shroud/Full Body
SRIFT1007	SMPM, Full Shroud/Full Body
SRIFT1019	SMPS, Full Shroud/Short Body, .009" pin



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