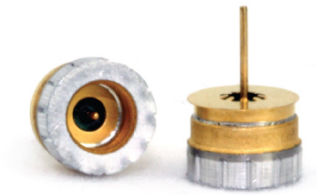
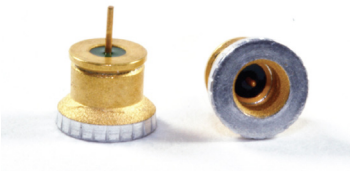
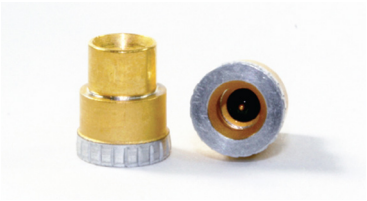
Aluminum Weldable Stabilizer Series RF Feedthroughs



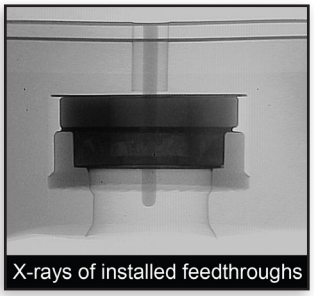




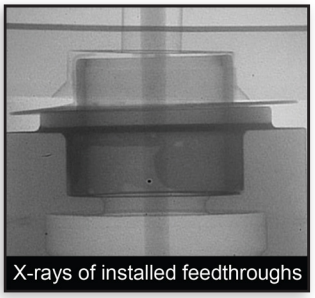
SRI Hermetics products, like the Aluminum Laser Weldable 50 Ohm Feedthroughs, are now sold under the Win™ brand from Winchester Interconnect™.

Product Description

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 Winchester 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.

Winchester Interconnect™

We Energize Innovation™

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Melbourne FL 32934 USA

321 254.4067
winconn.com

Specifications

- All interfaces manufactured in accordance with MIL-STD-348.
- Leak Rate is less than 1 X 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.
- Aluminum, Stainless Steel, and Titanium compatible versions available.

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
SRIFT1021	SMP, Full Shroud/Full Body
SRIFT1007	SMPM, Full Shroud/Full Body
SRIFT1019	SMPS, Full Shroud/Short Body, .009" Pin
SRIFT518	SMP to SMPM
SRIFT519	SMP to SMP
SRIFT521	SMPM to SMPM
SRIFT532	SMA to SMP

See sales drawings for specific configurations.