

Hermetic Seal Launchers

APPLICATION NOTES

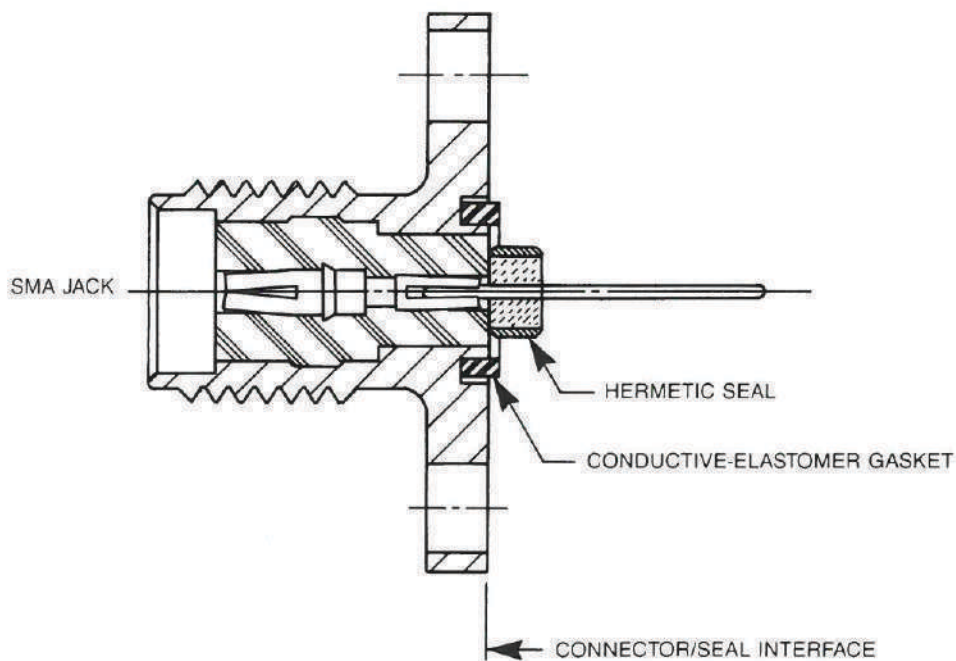
DESIGN (continued)

A conductive-elastomer gasket is placed in a groove in the rear flange of the connector. This gasket ensures good RF grounding and guards against RF leakage due to irregularities in the connector flange or package surface.

Seals with 0.020" pin diameters have an outer ring diameter of 0.158". This is close enough to the inner diameter of an SMA body that the stepdown transition discussed above is not needed. Connectors for use with these seals have "straight through" contact and insulator diameters. This design precludes the use of the conductive gasket on the flange end.

FIGURE A

CONNECTOR/SEAL DESIGN



(Proportions altered to illustrate detail.)