

Amphenol® RF

Global RF Solutions

FEATURES & BENEFITS

Lightweight

Snap-on interface for quick and easy installation

Small size

Excellent performance in devices up to 4 GHz

APPLICATIONS

3G Wireless Access Cards

Base Stations

Instrumentation

Mil/Aero

PC/LAN

Satellite Radio Receivers



SSMB Connectors

SSMB Connector

Amphenol RF's SSMB series provides excellent electrical performance in a microminiature footprint. While the snap-on mating interface allows quick installation and dense packaging, the excellent electrical performance of the SSMB series allows it to be used in many applications as an alternative to larger connectors like SMA's or SMB's.

Specification

Electrical

Impedance	50 Ω
Frequency Range	DC - 3 GHz
VSWR (Straight Connectors)	1.30 typical (DC - GHz)

Mechanical

Engagement Force	6 lb (27 N) Max
Disengagement Force	1.8 lb (8 N) Min
Connector Durability	500 mating cycles minimum

Environmental

Temperature Range	-55°C to +155°C
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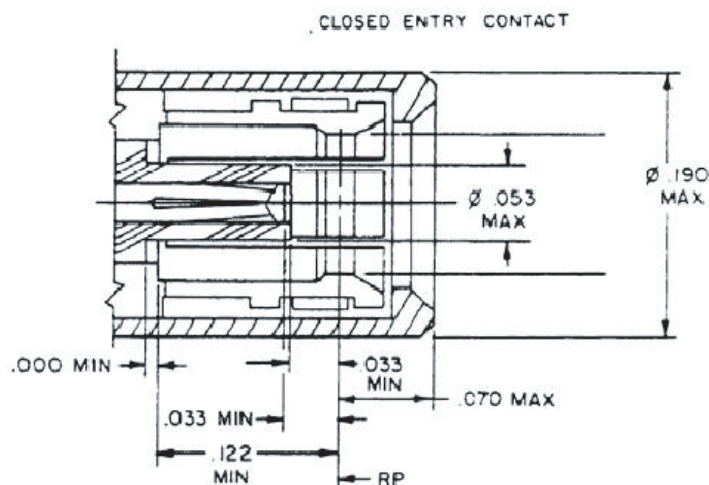
SSMB Plugs

Part Number	Plating Body/Contact	Insulator
904-100P-51A: R/A Plug for .086 Semi-Rigid	Gold	PTFE
904-101P-51S: Straight Plug for .086 Semi-Rigid	Gold	PTFE
904-104P-51A: R/A Plug for .047 Semi-Rigid	Gold	PTFE
904-105P-51S: Straight Plug for .047 Semi-Rigid	Gold	PTFE
904-110P-51SX: Straight Plug for RG-316	Gold	PTFE
904-111P-51AX: R/A Plug for RG-316	Gold	PTFE
904-114P-51SX: Straight Plug for RG-178	Gold	PTFE
904-115P-51AX: R/A Plug for RG-178	Gold	PTFE

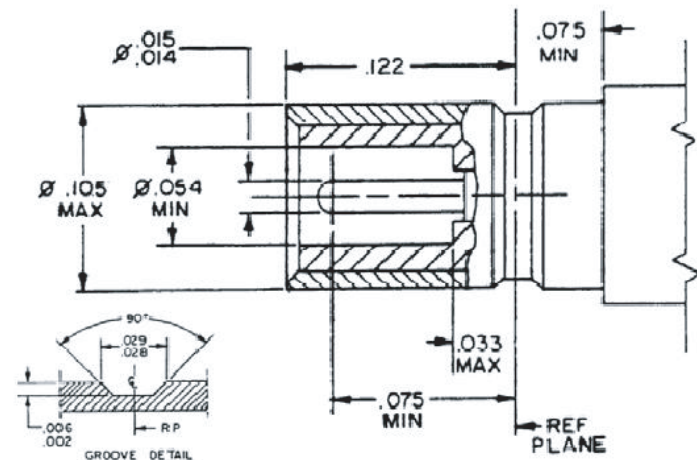
SSMB Jacks

Part Number	Plating Body/Contact	Insulator
904-102J-51P: Straight PCB 2 Legs (0.125")	Gold	PTFE
904-103J-51P: Straight Circular SMT .125" contact	Gold	PTFE
904-112J-51AX: R/A Jack for RG-316	Gold	PTFE
904-113J-51AX: R/A PCB Jack	Gold	PTFE
904-116J-51SX: Straight Jack for RG-196	Gold	PTFE
904-117J-51SX: Straight Jack Bulkhead Receptacle	Gold	PTFE

Plug



Jack



Rev. C