

THE PERFORMANCE LEADER IN
MICROWAVE CONNECTORS

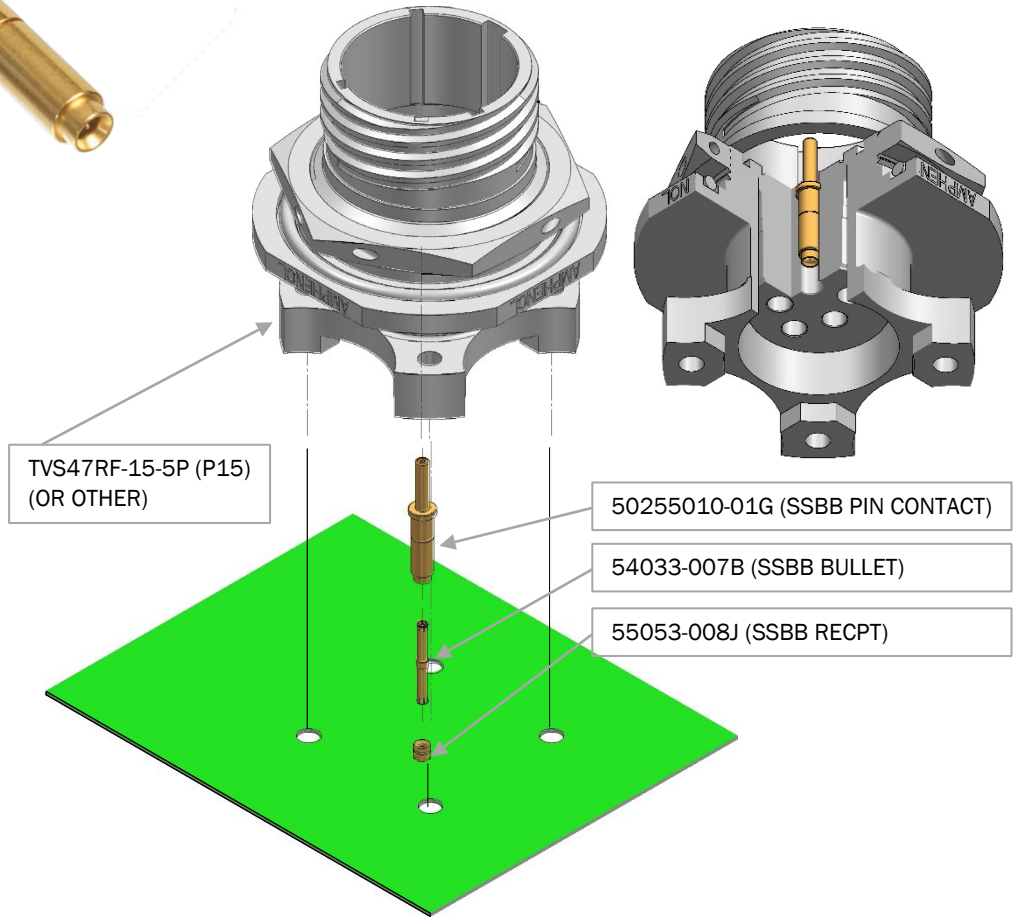


BLIND MATE RF CONNECTOR



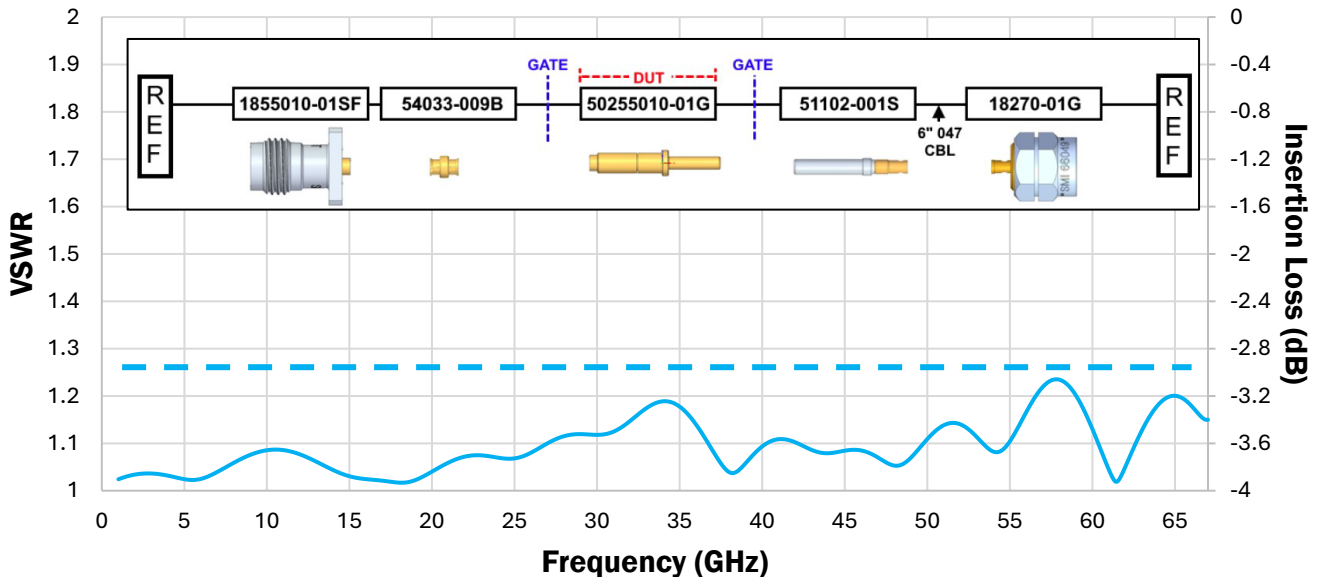
FEATURES

- Eliminates need for cable assemblies
- Compatible with D38999 series III – style PCB connectors
- Mates with any SSBB PCB detent receptacle
- Fits 38999 size 16-pin contact layouts
- Mating SSBB socket cable assemblies available
- Compatible with .047 and .086 flex cable
- Standard size 16 insertion and extraction tool
- Robust and reusable



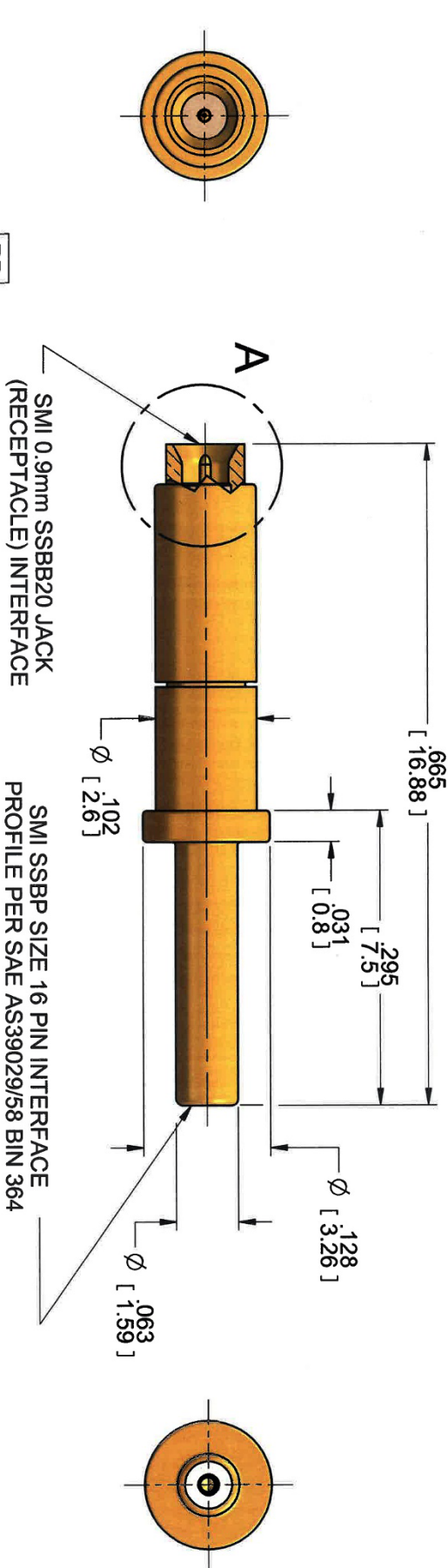
ELECTRICAL PERFORMANCE

(67 GHz) Gated Test Data



MODEL No.:
50255010-01G

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DETAIL A

OUTER AND CENTER CONTACT:	BeCu ALLOY UNS-C17300 TEMPER TH04 PER ASTM B196/197 GOLD PLATE PER MIL-DTL-45204, TYPE II, GRADE C, .000060/.000090 THICK OVER ELECTROLESS NICKEL PER MIL-C-26074 .000070/.000120 THICK.
BUSHING:	BeCu ALLOY UNS-C17300 TEMPER TH04 PER ASTM B196/197 GOLD PLATE PER MIL-DTL-45204, TYPE II, GRADE C, .000025/.000040 THICK OVER ELECTROLESS NICKEL PER MIL-C-26074 .000050/.000100 THICK.
DIELECTRIC:	VIRGIN PTFE FLUOROCARBON PER ASTM D1710, TYPE 1 GRADE 1, CLASS B
SSBB DIELECTRIC:	PEEK-HIT
CAPTURE BEAD:	ULTEM 1000 PER ASTM D5205
ITEM	MATERIAL & FINISH

- CONNECTOR DESIGN IS COMPATIBLE WITH CURRENT MATERIAL REQUIREMENTS FOR ROHS III AND WEEE PER EUROPEAN COMMUNITY DIRECTIVE 2015/863/EU.
 - ALL DIMENSIONS ARE IN INCHES. ALL ANGLES ARE IN DEGREES. DIMENSIONS SHOWN IN BRACKETS [XXX] ARE IN MILLIMETERS.
- NOTES: UNLESS OTHERWISE SPECIFIED.

REV A	RELEASE	APPROV [Signature]	DATE 2/21/23	TITLE 50255010-01G SSBP SIZE 16 PIN TO SSBB20 RECPT (J) ADP	DRN BY: JAC	DATE: 02/17/23	DWG. NO. 79BP70044	REV. A
<p>Southwest Microwave, Inc. 9055 South McKerny Street Tempe, Arizona 85284-2946 Telephone (480) 783-0201 Fax (480) 783-0360</p>				SHEET: 1 OF 1				