

1. MATERIALS AND FINISHES:  
 BODY - STAINLESS STEEL, PASSIVATED  
 CONTACT - BERYLLIUM COPPER, GOLD PLATING  
 INSULATOR - PTFE

2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 18 GHz  
 C. VSWR(RETURN LOSS): 1.15 (-23 dB), MAX.  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65° C TO +165° C

4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKAGING TO BE MARKED  
 "AMPHENOL RF, PART NUMBER, AND DATE CODE"

6. ORDERING INFORMATION:  
 A. ADDITIONAL CANDLESTICK LENGTHS ARE AVAILABLE.  
 CONTACT AMPHENOL RF MARKETING FOR QUOTE AND MORE INFORMATION  
 B. CHANGE "XXX" TO DESIRED CONTACT PROJECTION AND  
 "YYY" TO DESIRED INSULATOR PROJECTION LENGTH IN INCHES.  
 C. COMMON EXAMPLES:

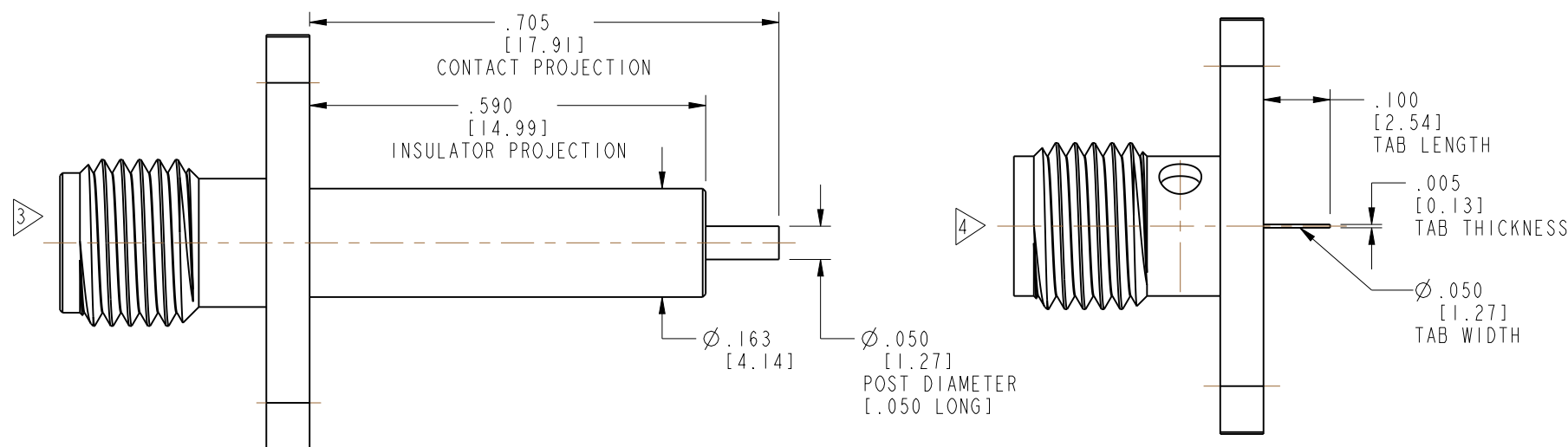
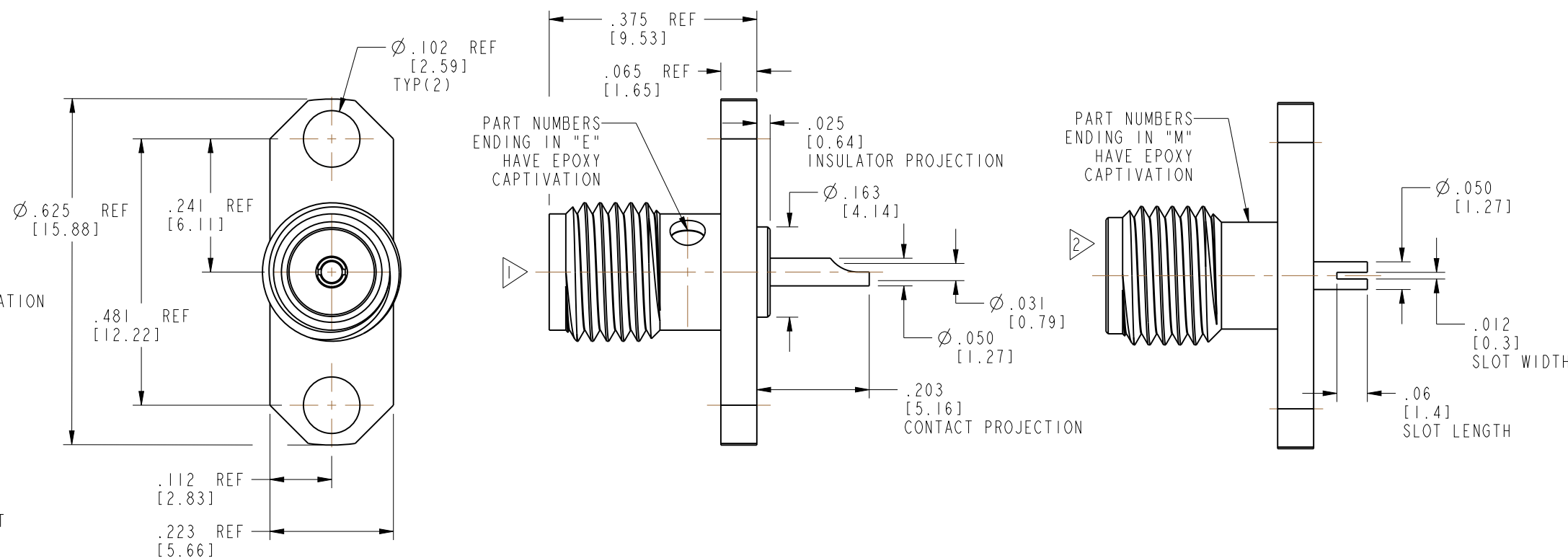
- 1 901-5PA203025AE - CONTACT PROJECTION: .203 [5.16]  
 INSULATOR PROJECTION: .025 [0.65]  
 CONTACT STYLE: SOLDER CUP
- 2 901-5PC070000AM - CONTACT PROJECTION: .070 [1.78]  
 INSULATOR PROJECTION: .000 [0.00]  
 CONTACT STYLE: .012 [0.30] SLOT
- 3 901-5PF705590AM - CONTACT PROJECTION: .705 [17.91]  
 INSULATOR PROJECTION: .590 [14.97]  
 CONTACT STYLE: POST
- 4 901-5PB100000AM - CONTACT PROJECTION: .100 [2.54]  
 INSULATOR PROJECTION: .000 [0.00]  
 CONTACT STYLE: TAB

DRAWING NO.	CAPTIVATION	TERMINATION	MAX CONTACT PROJ.	MIN CONTACT PROJ.
901-5PAXXXYYAM	MECHANICAL	SOLDER CUP	.705 [17.91]	.080 [2.03]
901-5PAXXXYYAE	EPOXY	SOLDER CUP	.705 [17.91]	.080 [2.03]
901-5PBXXYYAM	MECHANICAL	TAB	.705 [17.91]	.100 [2.54]
901-5PBXXYYAE	EPOXY	TAB	.705 [17.91]	.100 [2.54]
901-5PCXXYYAM	MECHANICAL	.012[0,30] SLOT	.705 [17.91]	.050 [1.27]
901-5PCXXYYAE	EPOXY	.012[0,30] SLOT	.705 [17.91]	.050 [1.27]
901-5PDXXYYAM	MECHANICAL	.018[0,46] SLOT	.705 [17.91]	.050 [1.27]
901-5PDXXYYAE	EPOXY	.018[0,46] SLOT	.705 [17.91]	.050 [1.27]
901-5PEXXYYAM	MECHANICAL	.036[0,91] SLOT	.705 [17.91]	.050 [1.27]
901-5PEXXYYAE	EPOXY	.036[0,91] SLOT	.705 [17.91]	.050 [1.27]
901-5PFXXYYAM	MECHANICAL	.050[1,27] POST	.705 [17.91]	.050 [1.27]
901-5PFXXYYAE	EPOXY	.050[1,27] POST	.705 [17.91]	.050 [1.27]
901-5PGXXYYAM	MECHANICAL	.010[0,25] POST	.705 [17.91]	.050 [1.27]
901-5PGXXYYAE	EPOXY	.010[0,25] POST	.705 [17.91]	.050 [1.27]

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MANUFACTURING	21-Aug-19	12662	CJV



**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:  
 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES  
 $\pm .015$  (0,381 mm)  $\pm .005$  (0,127 mm)  $\pm 1^\circ$

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MATERIAL SEE NOTES

REFERENCE EAR: 7643 REF: 901-9244-2SF

CONFIGURATION LEVEL: In Work

FINISH

DRAWN C. VIGORITO DATE 21-Aug-19

ENGINEER B. GREENBAUM DATE 26-Oct-17

APPROVED K. CAPOZZI DATE 21-Aug-19

CAD FILE

TITLE SMA PANEL JACK STEEL BODY PASSIVATED VARIOUS CONTACTS VARIOUS LENGTHS

SCALE: 5.0:1.0 SHEET 2 OF 2

DWG SIZE B REV A

Amphenol RF  
 www.amphenolrf.com

DRAWING NO. 901-5PZXXYYAX

ITEM NO. 901-5PZXXYYAX

PART NO. 901-5PZXXYYAX

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