

NOTES:

1. MATERIALS OF CONSTRUCTION:

SMA BODY - STAINLESS STEEL, PASSIVATED
P-SMP BODY - STAINLESS STEEL, PASSIVATED
CONTACT PIN - BERYLLIUM COPPER, GOLD PLATING
INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL
B. FREQUENCY RANGE: DC - 10 GHz
C. RETURN LOSS(VSWR): 33 dB MIN.@ DC-4 GHz
26 dB MIN.@ 4-10 GHz
D. INSERTION LOSS: 0.05X $\sqrt{f(\text{GHz})}$ dB MAX.
E. POWER HANDLING: 200W MAX.@ 2.2 GHz AT 20°C
F. D.W.V: 1000 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: SMA JACK SIDE : 500 CYCLES MIN.
P-SMP PLUG SIDE: 100 CYCLES MIN
B. TEMPERATURE RANGE: -55°C TO +155°C

4. PACKAGING:

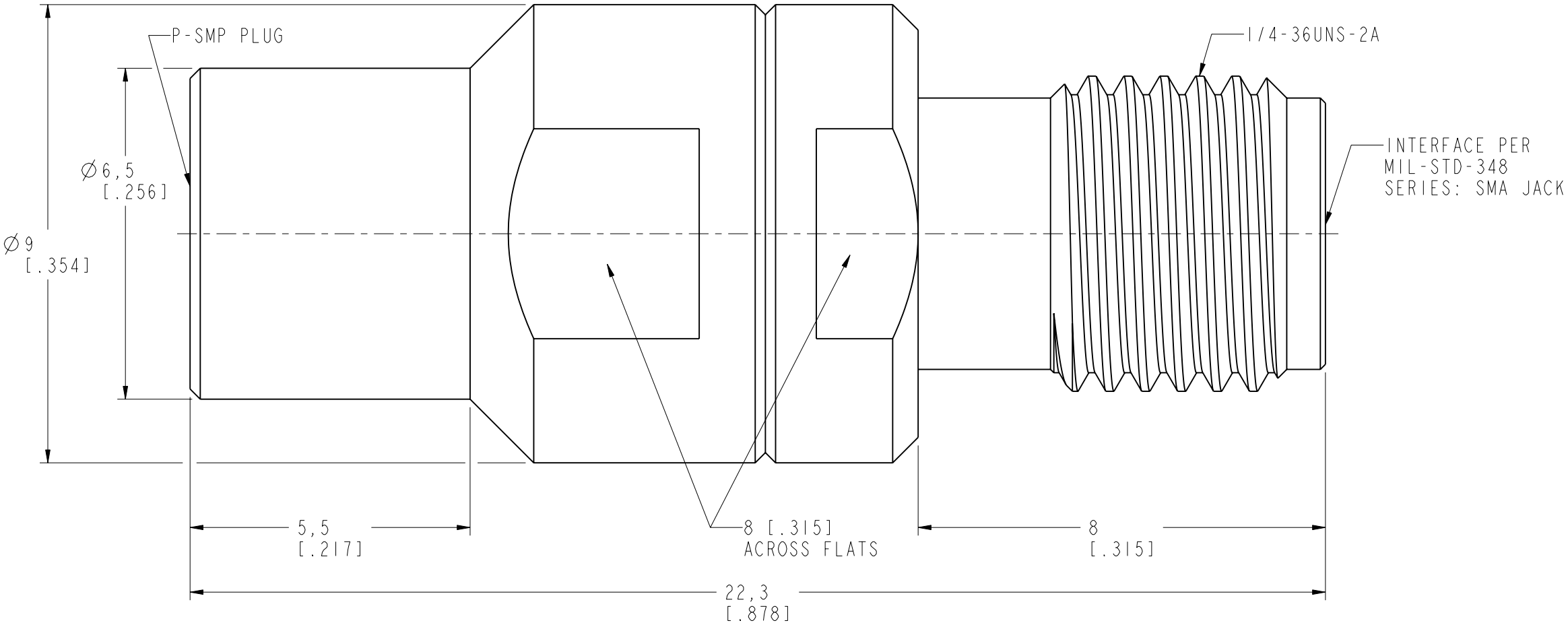
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, AD-SMAJ-PSMPP-2, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	15-May-18	08102	BEW

SCALE 4.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com		
	-	M. ZHANG	15-May-18					
			ENGINEER	DATE	P-SMP PLUG (LIMITED DETENT) TO SMA JACK ADAPTER		DRAWING NO. AD-SMAJ-PSMPP-2	
			M. ZHANG	08-Apr-16				
		REFERENCE	APPROVED	DATE	SCALE: 10.0:1.0		SHEET 2 OF 2	
	EAR# 6971 AND	S. HSIEH	17-May-18					
	CONFIGURATION LEVEL: In Work	CAD FILE		DWG SIZE		REV		
								B
	FINISH					PART NO. AD-SMAJ-PSMPP-2		

Mouser Electronics

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