

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:

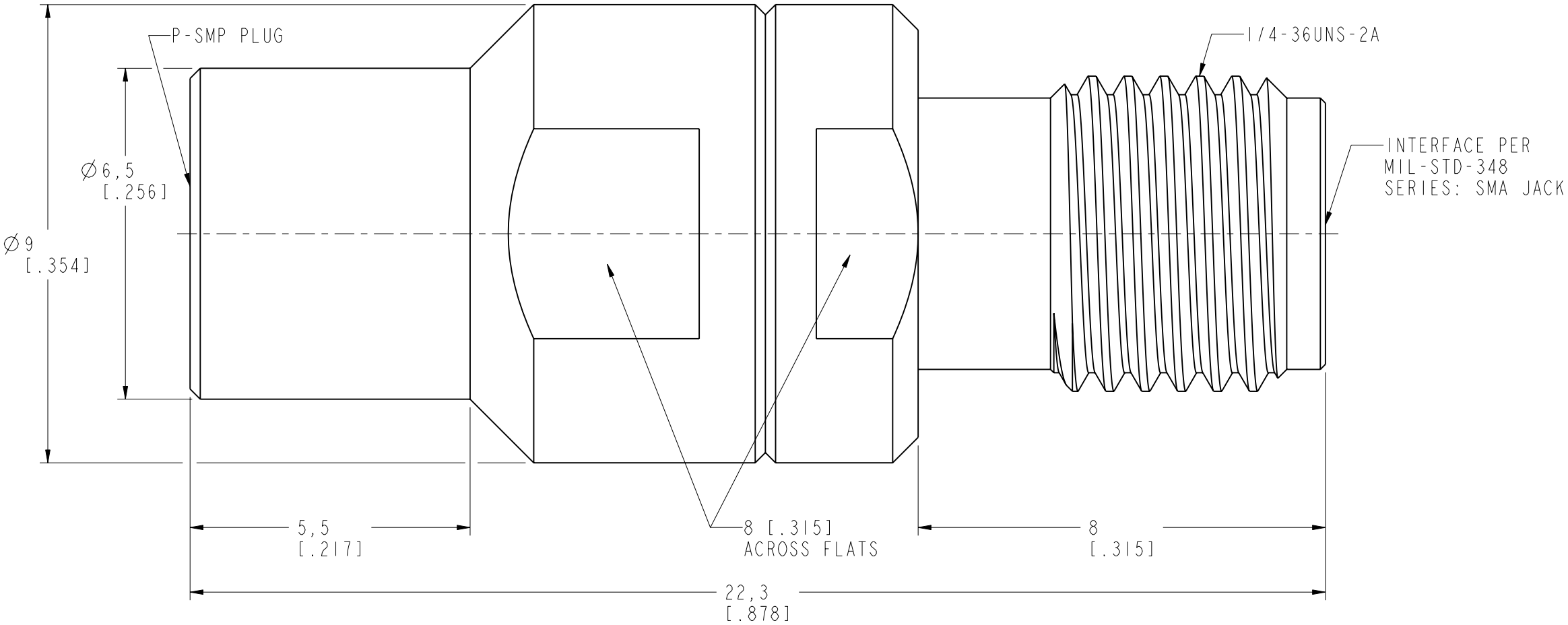
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, AD-SMAJ-PSMPP-2, AND DATE CODE"

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°	MATERIAL -	DRAWN M. ZHANG	DATE 15-May-18	TITLE P-SMP PLUG (LIMITED DETENT) TO SMA JACK ADAPTER		Amphenol RF www.amphenolrf.com	
		ENGINEER M. ZHANG	DATE 08-Apr-16				
	REFERENCE EAR# 6971 AND	APPROVED S. HSIEH	DATE 17-May-18	SCALE: 10.0:1.0	SHEET 2 OF 2	DRAWING NO. AD-SMAJ-PSMPP-2	
	CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B	REV A	ITEM NO. AD-SMAJ-PSMPP-2		
	FINISH				PART NO. AD-SMAJ-PSMPP-2		
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