

NOTES:

1. MATERIALS OF CONSTRUCTION:

COUPLING NUT - STAINLESS STEEL, PASSIVATED
SMA BODY - STAINLESS STEEL, PASSIVATED
P-SMP BODY - BERYLLIUM COPPER, GOLD PLATING
CONTACT PIN - BERYLLIUM COPPER, GOLD PLATING
GASKET - SILICONE RUBBER, RED
RETAINER RING - SUS 304, NATURAL
INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL
B. FREQUENCY RANGE: DC - 10 GHz
C. RETURN LOSS(VSWR): 38 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 PLUG SIDE : 500 CYCLES MIN.
P-SMP JACK SIDE: 100 CYCLES MIN WHEN MATED WITH FULL DETENT PLUG
100 CYCLES MIN WHEN MATED WITH LIMITED DETENT PLUG
1000 CYCLES MIN WHEN MATED WITH A SMOOTH BORE PLUG
B. TEMPERATURE RANGE: -55°C TO +155°C

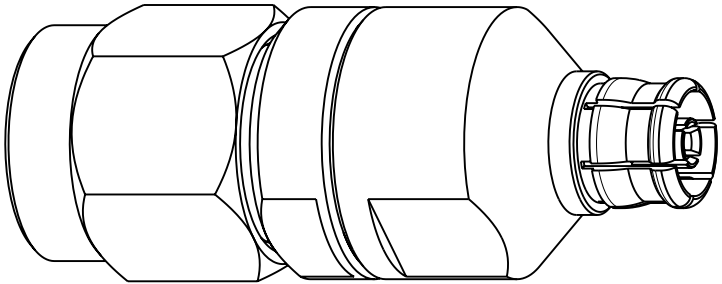
4. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, AD-SMAP-PSMPJ-1, AND DATE CODE"

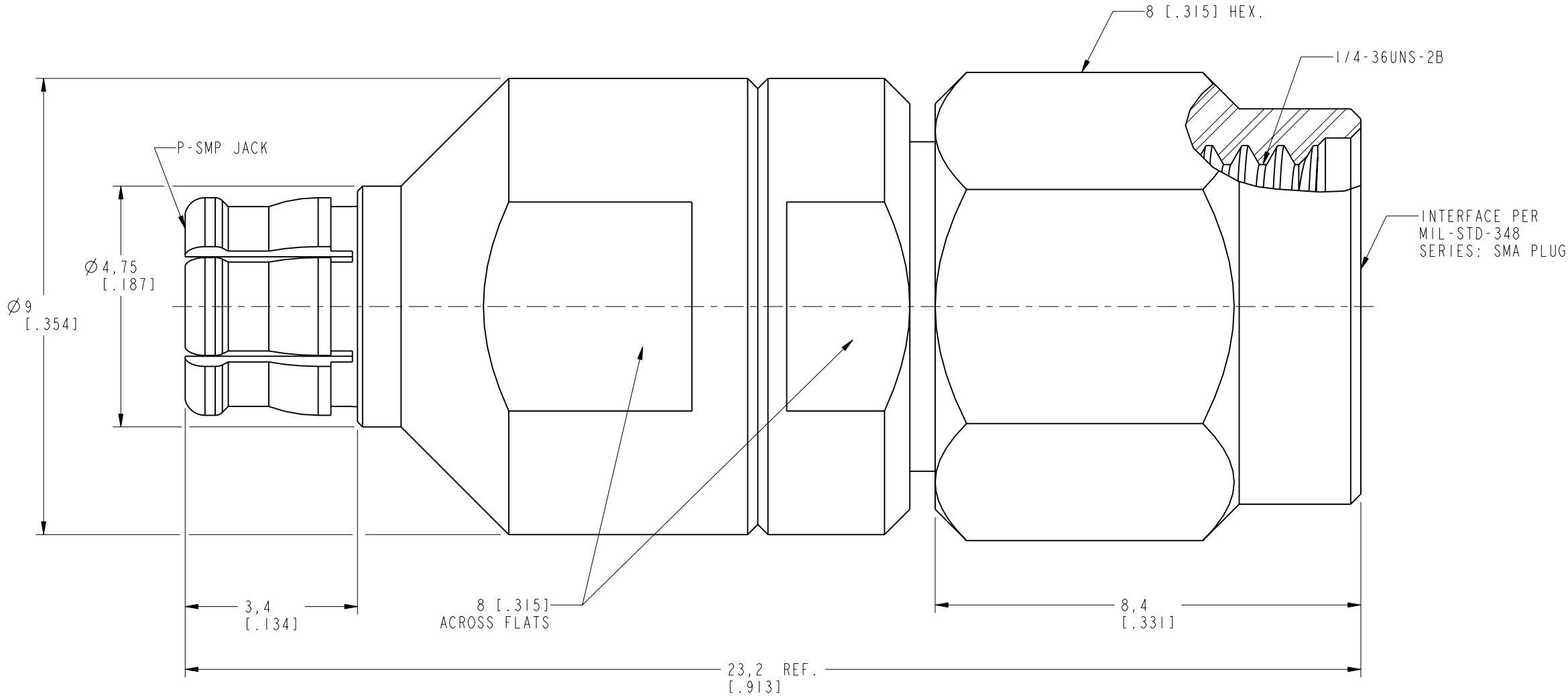
THIRD ANGLE PROJ. 

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 ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 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 M. ZHANG	DATE 15-May-18	TITLE P-SMP JACK TO SMA PLUG ADAPTER		Amphenol RF www.amphenolrf.com	
	REFERENCE EAR# 6971 AND	ENGINEER M. ZHANG	DATE 26-Jan-16				
	CONFIGURATION LEVEL: In Work	APPROVED S. HSIEH	DATE 18-May-18	SCALE: 10.0:1.0	SHEET 2 OF 2	DRAWING NO. AD-SMAP-PSMPJ-1	ITEM NO. AD-SMAP-PSMPJ-1
	FINISH	CAD FILE		DWG SIZE B	REV A	PART NO. AD-SMAP-PSMPJ-1	