

NOTES:

1. MATERIALS AND FINISHES:
BODY - BeCu, GOLD PLATING
CONTACT - BeCu, GOLD PLATING
INSULATOR - PTFE , NATURAL

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 26.5 GHz
C. VSWR(RETURN LOSS): 35 dB MIN @ DC - 4 GHz
26 dB MIN @ 4 - 10 GHz
25 dB MIN @ 10 - 26.5 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY:
SMA SIDE: 500 CYCLES MIN.
SMP SIDE: 100 MATING CYCLES MIN. WHEN MATED WITH FULL DETENT JACK
500 MATING CYCLES MIN. WHEN MATED WITH LIMITED DETENT JACK
1000 MATING CYCLES MIN. WHEN MATED WITH SMOOTH BORE JACK
B. TEMPERATURE RANGE: -65° C TO +165° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, AD-SMAJSMPP-2 & DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	31-Jul-19	12436	SV

1/4-36UNS-2A

5.50 [7/32\"] HEX.

4.7
[.185]

2.95
[.116]

15.16
[.597]

INTERFACE PER MIL-STD-348 SERIES: SMA JACK

INTERFACE PER MIL-STD-348 SERIES: SMP PLUG

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°	MATERIAL SEE NOTES	DRAWN M. ZHANG	DATE 31-Jul-19	TITLE SMA (F) JACK TO SMP (F) PLUG ADAPTER	Amphenol RF www.amphenolrf.com
	REFERENCE	ENGINEER S. VO	DATE 19-Feb-19		
	EAR# 8842	APPROVED S. HSIEH	DATE 05-Aug-19		
	REF: --	CAD FILE		SCALE: 16.0:1.0	SHEET 2 OF 2
	CONFIGURATION LEVEL: In Work			DWG SIZE B	REV A
FINISH					
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				ITEM NO. AD-SMAJSMPP-2	
				PART NO. AD-SMAJSMPP-2	