

NOTES:		THIRD ANGLE PROJ. 		REVISIONS				
1. MATERIALS AND FINISHES: BODY & NUT - STAINLESS STEEL,PASSIVATED CONTACT - BeCu,GOLD PLATING		4. ENVIRONMENTAL: A. OPERATING TEMPERATURE: -55°C TO +125°C B. THERMAL SHOCK: MIL-STD-202, METHOD 107,CONDITION B		REV	DESCRIPTION	DATE	ECO	APPR
				A	RELEASE TO MFG.	6/30/15	50593	JN/BCG
				B	UPDATED TABLE 5B	18-Jan-19	10244	EH

1. MATERIALS AND FINISHES:

BODY & NUT

CONTACT

INSULATOR

GASKET

RETAINER RING

- STAINLESS STEEL,PASSIVATED

- BeCu,GOLD PLATING

- PTFE,NATURAL

- SILICONE RUBBER,RED

- SUS303,NATURAL
2. ELECTRICAL:

A. IMPEDANCE:

B. FREQUENCY RANGE:

C. AVERAGE INPUT POWER:

D. ATTENUATION:

E. VSWR:

50 OHM

DC - 6 GHz

2W MAX AT +25°C

(DERATED LINEARLY TO 0.5W MAX AT +125°C)

XX dB ±(SEE TABLE 2D)

[FOR ADDITIONAL VALUES, CONSULT FACTORY]

(SEE TABLE 2E)
3. MECHANICAL:

A. MATING ENGAGEMENT:

B. MATING TORQUE:

C. COUPLING PROOF TORQUE:

D. COUPLING NUT RETENTION:

E. DURABILITY:

MIL-STD-348A,SERIES: TYPE N

6-10 IN-LBS MAX.

15 IN-LBS MIN.

100 LBS MIN.

500 CYCLES MIN.
4. ENVIRONMENTAL:

A. OPERATING TEMPERATURE:

B. THERMAL SHOCK:

C. SHOCK:

D. VIBRATION:

-55°C TO +125°C

MIL-STD-202, METHOD 107,CONDITION B

(EXCEPT HIGH TEMP +100°C)

MIL-STD-202, METHOD 213,CONDITION 1

MIL-STD-202, METHOD 204,CONDITION B
5. PACKAGING:

A. QUANTITY:

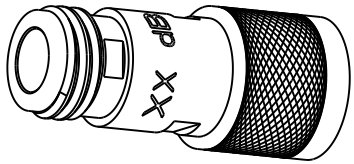
B. BAG TO BE MARKED:

SINGLE PACK

AMPHENOL RF

PART NUMBER (SEE TABLE 5B)

DATE CODE



SCALE 1.000

dB	DC-18 GHz
1-6	±0.3
7-20	±0.5
21-40	±1.0
41-60	±1.5

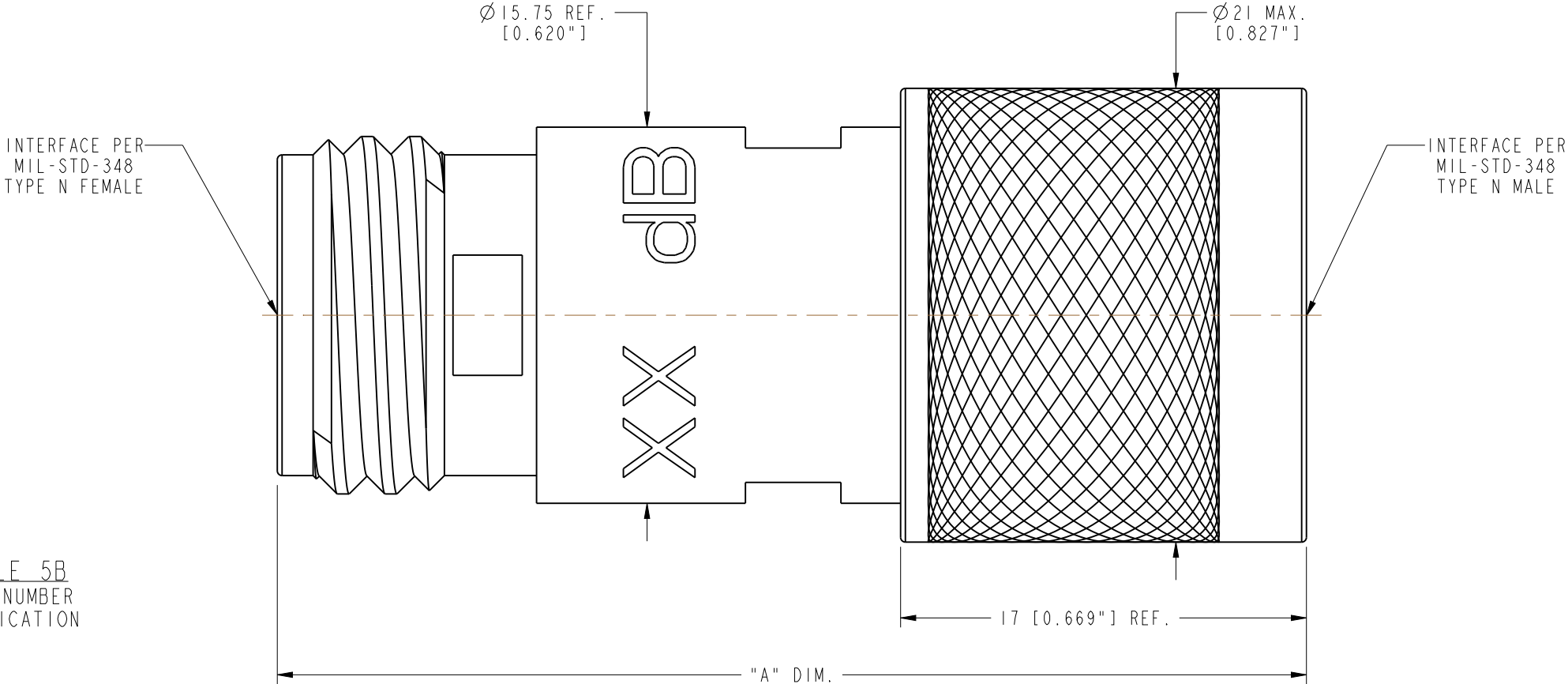
TABLE 2D
ATTENUATION
ACCURACY

dB	DC-2.5 GHz	2.5-4 GHz	4-6 GHz
1-3	1.15:1	1.20:1	1.25:1
4-6	1.15:1	1.20:1	1.25:1
7-10	1.15:1	1.25:1	1.30:1

TABLE 2E
VSWR MAX.

PART NUMBER	ATTENUATION VALUE [dB]	"A" DIM.
ATS-2M2F-03DB2W	3	45.0 [1.77"] REF.
ATS-2M2F-06DB2W	6	45.0 [1.77"] REF.
ATS-2M2F-10DB2W	10	45.0 [1.77"] REF.
ATS-2M2F-15DB2W	15	45.0 [1.77"] REF.
ATS-2M2F-20DB2W	20	45.0 [1.77"] REF.
ATS-2M2F-30DB2W	30	53.1 [2.09"] REF.

TABLE 5B
PART NUMBER
IDENFICATION



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 SEE NOTES	DRAWN J. NERI ENGINEER B.GLEISSNER	DATE 05-Mar-15 DATE 05-Mar-15	TITLE TYPE N, PLUG TO JACK FIXED ATTENUATOR (2 WATT) SCALE: 8.0:1.0 SHEET 2 OF 2 DWG SIZE B REV B	Amphenol RF www.amphenolrf.com DRAWING NO.ATS-2M2F-XXDB2W ITEM NO. ATS-2M2F-XXDB2W PART NO. ATS-2M2F-XXDB2W
	REFERENCE EAR #6507 CONFIGURATION LEVEL: Released	APPROVED K. CAPOZZI	DATE 18-Jan-19		
	FINISH	CAD FILE			