

NOTES:		THIRD ANGLE PROJ.	REVISIONS				
1. MATERIALS AND FINISHES:			REV	DESCRIPTION	DATE	ECO	APPR
BODY & SHELL - STAINLESS STEEL,PASSIVATED			A	RELEASE TO MFG.	12/15/14	50303	CL/BCG
CONTACT - BeCu,GOLD PLATING			B	ADDED PART NUMBER TABLE 5B	6/3/15	50413	JN
4. ENVIRONMENTAL:							
A. OPERATING TEMPERATURE: -55°C TO +125°C							
B. THERMAL SHOCK: MIL-STD-202. METHOD 107. CONDITION B							

1. MATERIALS AND FINISHES:

BODY & SHELL

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. ENGAGE/DISENGAGE FORCE:

C. MATING TORQUE:

D. COUPLING PROOF TORQUE:

E. COUPLING NUT RETENTION:

F. DURABILITY:

MIL-STD-348A,SERIES SMA

2 IN-LBS MAX

8 IN-LBS MAX

15 IN-LBS MIN

60 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 I

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

A. QUANTITY:

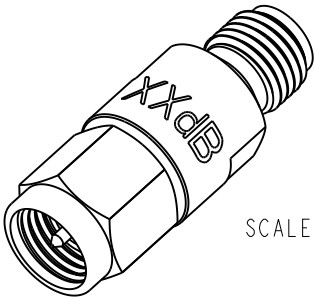
B. BAG TO BE MARKED:

SINGLE PACK

AMPHENOL RF

PART NUMBER (SEE TABLE 5B)

DATE CODE



SCALE 2.000

dB	DC-4 GHz	4-6 GHz
1-3	±0.3	±0.5
4-6	±0.4	±0.5
7-10	±0.5	±0.5

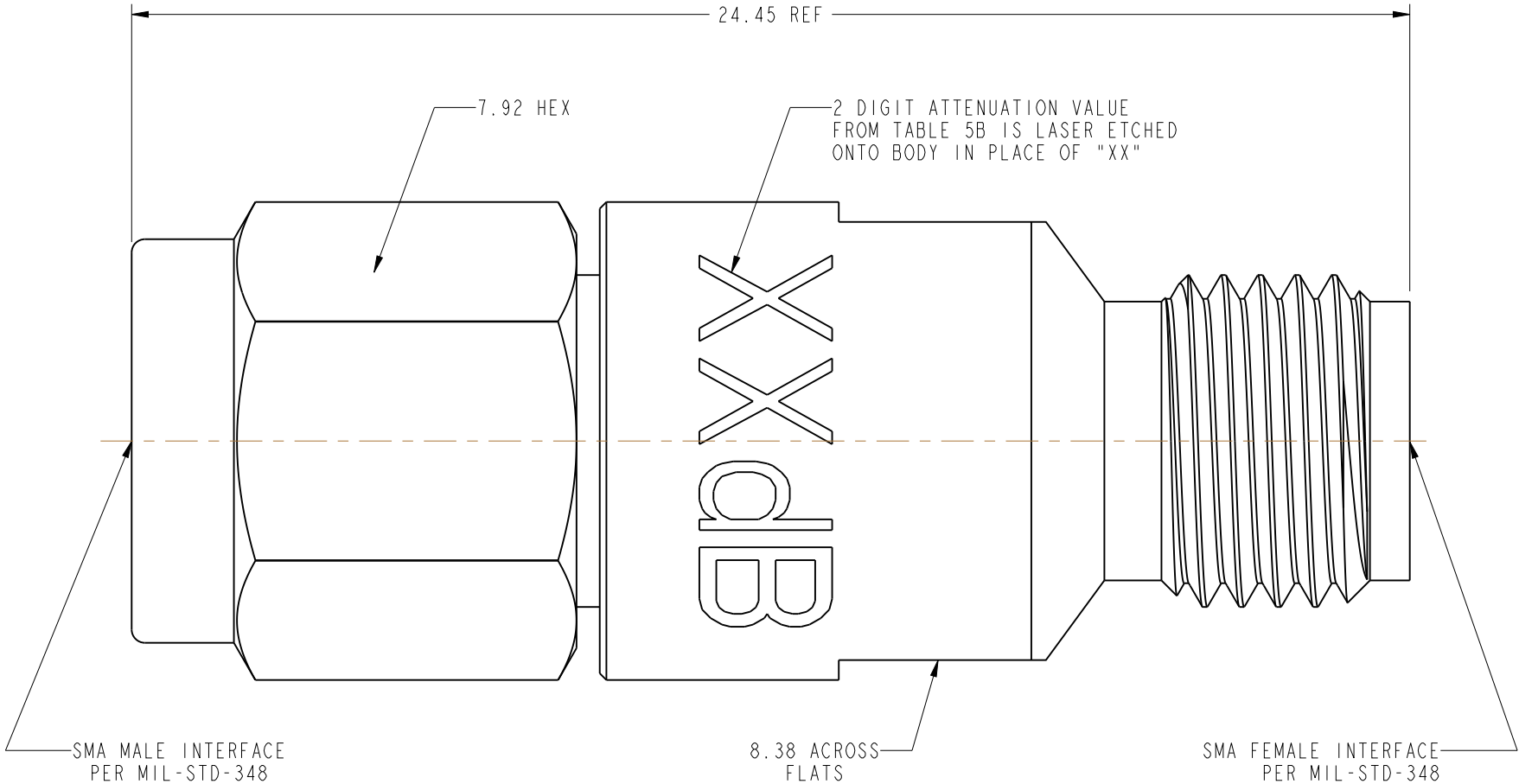
TABLE 2D
ATTENUATION
ACCURACY

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]
ATS-IMIF-01DB2W	01
ATS-IMIF-02DB2W	02
ATS-IMIF-03DB2W	03
ATS-IMIF-04DB2W	04
ATS-IMIF-05DB2W	05
ATS-IMIF-06DB2W	06
ATS-IMIF-07DB2W	07
ATS-IMIF-08DB2W	08
ATS-IMIF-09DB2W	09
ATS-IMIF-10DB2W	10

TABLE 5B
PART NUMBER
IDENTIFICATION



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 CLEMENT	DATE 10-Nov-14	TITLE SMA STR PLUG TO JACK FIXED ATTENUATOR		Amphenol RF www.amphenolrf.com	
		ENGINEER B.GLEISSNER	DATE 10-Nov-14				
		REFERENCE EAR # 6465	DATE 12/11/14				
		CONFIGURATION LEVEL: In Work	CAD FILE	SCALE: 8.0:1.0 SHEET 2 OF 2		DRAWING NO.ATS-IMIF-XXDB2W	
		FINISH		DWG SIZE B	REV B	ITEM NO.ATS-IMIF-XXDB2W PART NO.ATS-IMIF-XXDB2W	