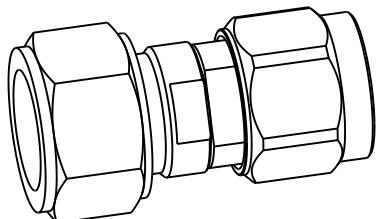


NOTES:
REFERENCE STANDARD IEC60169-11 (4.1/9.5) IEC60169-16 (N)

242283	REVISIONS		
DRAWING NO.	REV	DESCRIPTION	DATE ECO APPR
THIRD ANGLE PROJ.  A		RELEASE TO MFG.	10-Sep-13 -- AAP/BG

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50 Ω
 FREQUENCY RANGE : DC-3.0 GHz
 VSWR : 1.065 MAX.
 PIM : -160 dBc MAX. (1800MHz)
 INSERTION LOSS : 0.05 dB MAX. (@3.0 GHz)
 INSULATION RESISTANCE : 5000 M Ω MIN.
 D.W.V : 2500 VRMS
 CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.4 m Ω MAX (N) 0.5 m Ω MAX (4.1/9.5)
 INNER CONDUCTOR 0.8 m Ω MAX (N) 1.0 m Ω MAX (4.1/9.5)



SCALE 1.000

II. MECHANICAL PERFORMANCE -

NUT - TORQUE : 10-12 N-m
 NUT - AXIAL PULL : 500 N

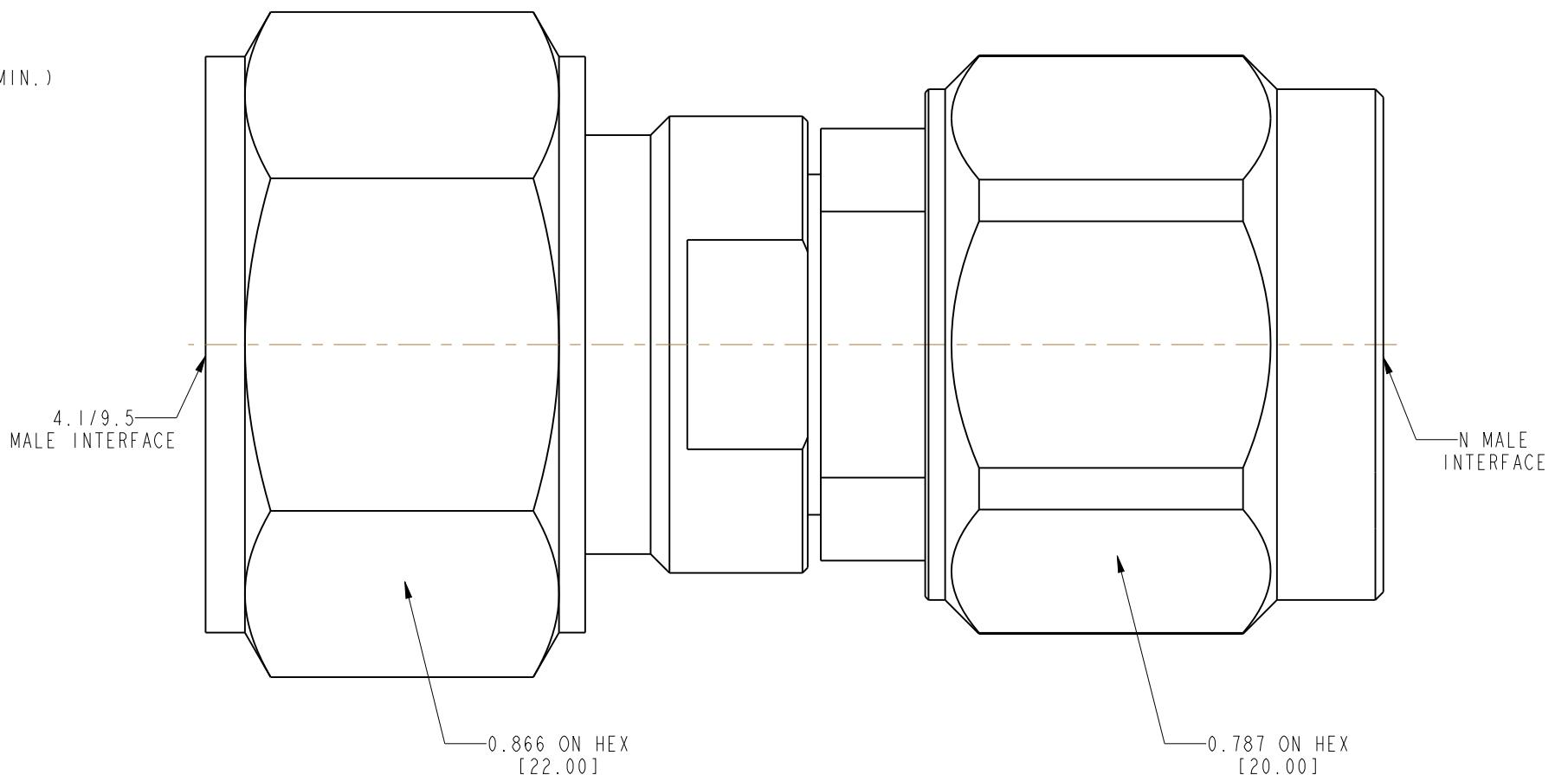
III. MATERIAL AND PLATING -

INNER CONDUCTOR : SPRING COPPER ALLOY, PLATING = Ag (5 μ m MIN.)
 OUTER CONDUCTOR : BRASS, PLATING = Ag (5 μ m MIN.)
 NUT : BRASS, PLATING = Ni (5 μ m MIN.)
 GASKET : SILICONE RUBBER
 INSULATOR : PTFE

IV. ENVIRONMENTAL -

TEMP RANGE : -40°C TO +85°C
 WEATHER STANDARD : IEC 60068 40/ 85/ 21
 THERMAL SHOCK : IEC 60068-2-14-NA
 VIBRATION : IEC 60068-2-6-FC
 SHOCK : IEC 60068-2-27

V. ROHS COMPLIANT



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES
 ± 0.015 (0.381 mm) ± 0.005 (0.127 mm) $\pm 1^\circ$

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 or 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 REFERENCE	DRAWN A ARUN PRABU	DATE 05-Sep-13	TITLE 4.1/9.5 MALE TO N MALE ADAPTER	Amphenol Connex
	ENGINEER A ARUN PRABU	DATE 05-Sep-13		
	APPROVED B.C. GLEISSNER	DATE 10-Sep-13		
	CAD FILE	DWG SIZE B	DRAWING NO. 242283	REV A

Mouser Electronics

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