

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 : -160dBc MAX.(1800MHz)
INSERTION LOSS : 0.05 dB MAX.(@3.0 GHz)
INSULATION RESISTANCE : 5000 MΩ MIN.
D.W.V : 2500 VRMS
CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.4 mΩ MAX (N) 0.5 mΩ MAX (4.1/9.5)
INNER CONDUCTOR 0.8 mΩ MAX (N) 1.0 mΩ MAX (4.1/9.5)

II. MECHANICAL PERFORMANCE -

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

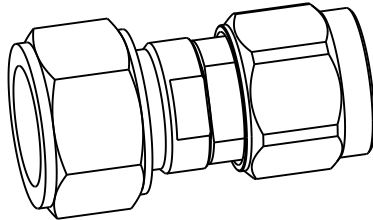
III.MATERIAL AND PLATING -

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

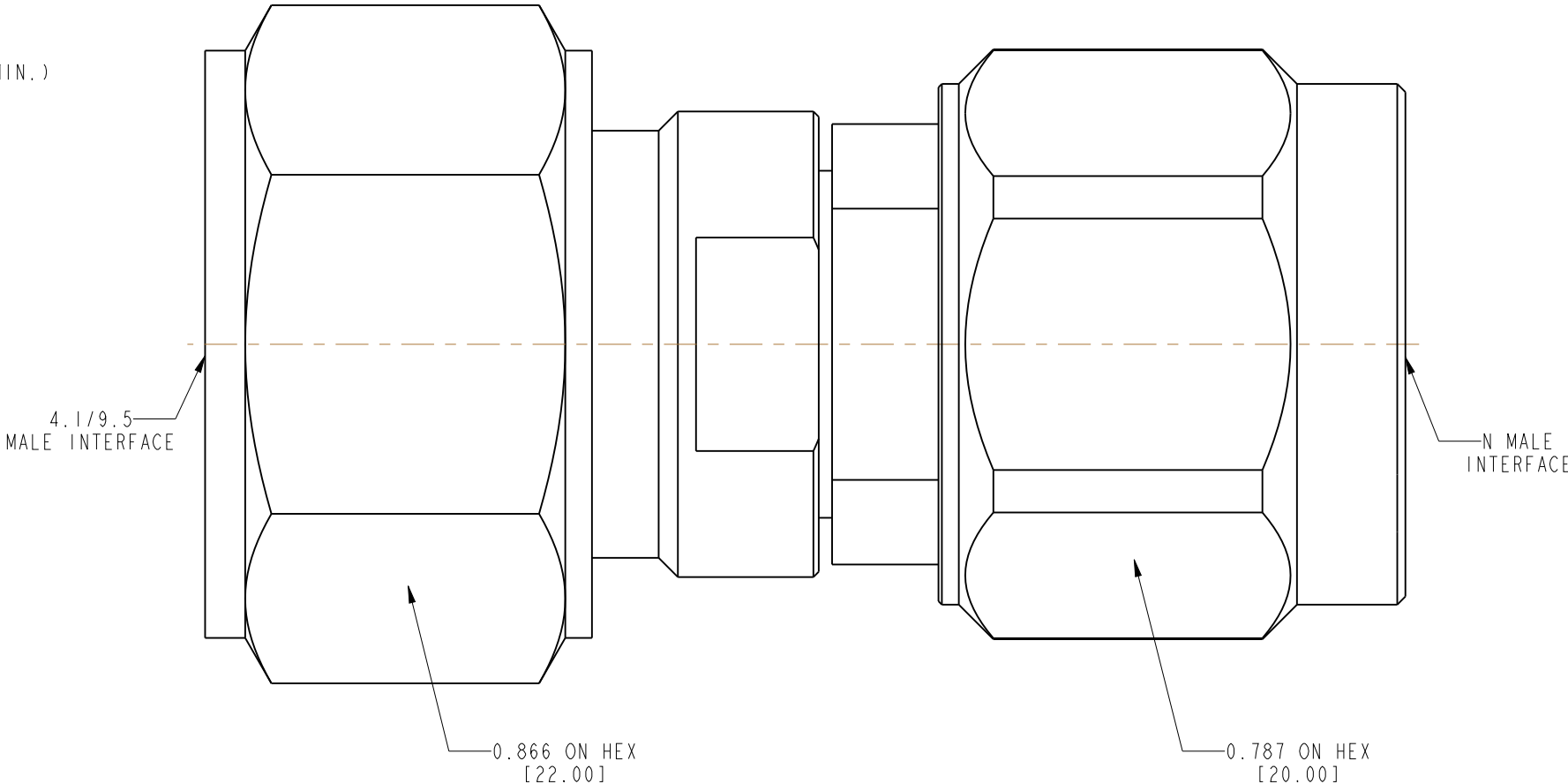
IV. ENVIRONMENTAL -

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



SCALE 1.000



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 ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL	DRAWN A ARUN PRABU	DATE 05-Sep-13	TITLE 4.1/9.5 MALE TO N MALE ADAPTER	Amphenol Connex	
	SEE NOTES	ENGINEER A ARUN PRABU	DATE 05-Sep-13			
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		CAD FILE		DWG SIZE B	DRAWING NO. 242283	REV A