NOTES:

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

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50 Ω : DC-3.0 GHz FREQUENCY RANGE : I.065 MAX. VSWR

: -160dBc MAX.(1800MHz) PIM : 0.05 dB MAX.(@3.0 GHz) : 5000 M Ω MIN. INSERTION LOSS

INSULATION RESISTANCE : 2500 VRMS D.W.V

: 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) CONDUCTOR RESISTANCE

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.)

: SILICONE RUBBER GASKET

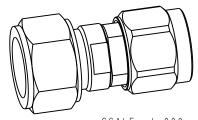
INSULATOR

IV. ENVIRONMENTAL -

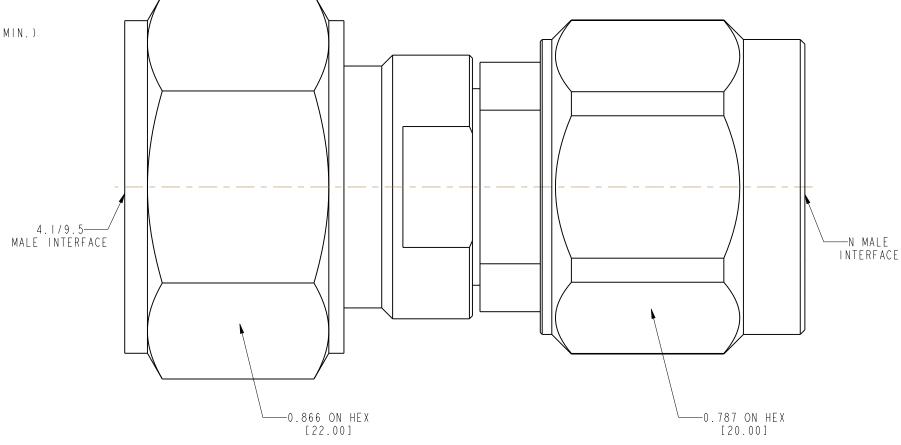
: -40°C TO +85°C TEMP RANGE WEATHER STANDARD : IEC 60068 40/ 85/ 21 THERMAL SHOCK : IEC 60068-2-14-NA : IEC 60068-2-6-FC : IEC 60068-2-27 VIBRATION SHOCK

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 SEE NOTES	DRAWN A ARUN PRABU	DATE 05-Sep-13	4.1/9.5 MALE TO	Amphenol
NOTICE - These drawings, specifications, or other data (I) 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		ENGINEER A ARUN PRABU	DATE 05-Sep-13	N MALE ADAPTER	Connex
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	REFERENCE	APPROVED B.C. GLEISSNER	DATE 10-Sep-13		SCALE: 4.0:1 SHEET 1 OF 1
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		CAD FILE	'	DWG SIZE DRAWING N	