

NOTES:

REFERENCE STANDARD IEC60169-11

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : $50 \pm 2 \Omega$
 FREQUENCY RANGE : DC-3.0 GHz
 VSWR : 1.200 MAX.
 INSERTION LOSS : 0.05 dB MAX. (@3.0 GHz)
 PIM : -160 dBc MAX. (2x43dBm)
 INSULATION RESISTANCE : 5000 M Ω MIN.
 D.W.V : 1500 VRMS
 CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.5 m Ω MAX.
 INNER CONDUCTOR 1.0 m Ω MAX.

II. MECHANICAL PERFORMANCE -

RETENTION : 4.00 N MIN.
 MATING CYCLES : 500 MIN.
 TENSILE FORCE (CABLE-CONNECTOR) : 150 N
 TORSION (CABLE-CONNECTOR) : 0.30 N-M

III. MATERIAL AND PLATING -

INNER CONDUCTOR : SPRING COPPER ALLOY, PLATING = Au(0.1 μ m MIN.)
 OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2 μ m MIN.)
 NUT : BRASS, PLATING = COPPER-TIN-ZINC (2 μ m MIN.)
 INSULATOR : PTFE

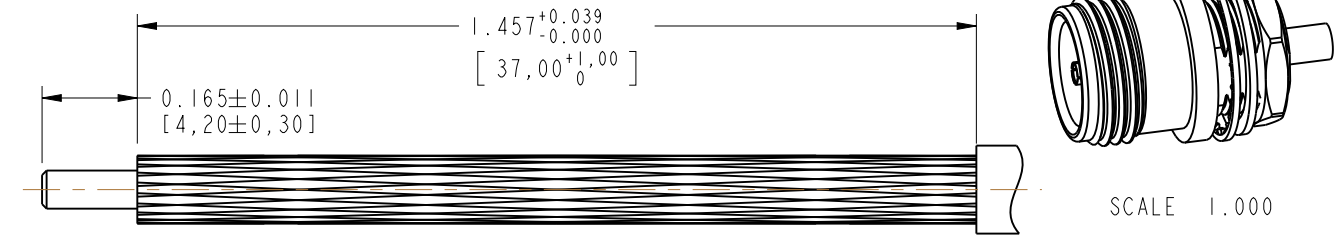
IV. ENVIRONMENTAL -

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
 WATER PROOFING STANDARD : IP 67

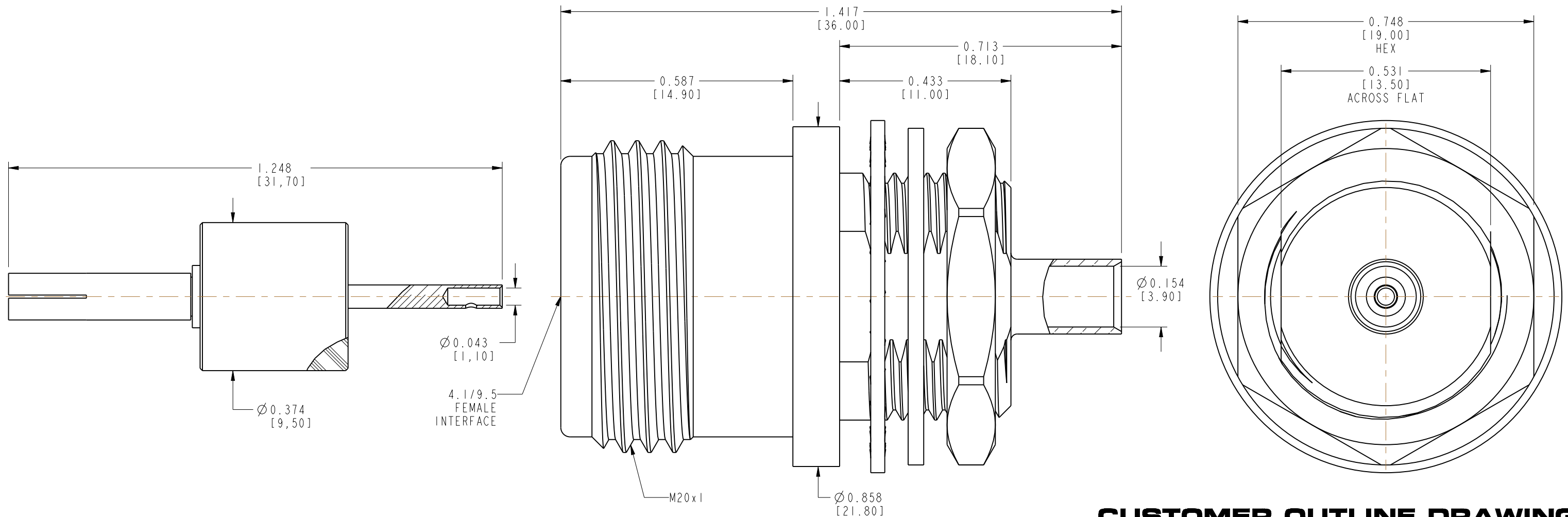
V. USED ASSEMBLY INSTRUCTION: 349-50880

VI. ROHS COMPLIANT

332103		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	20-Dec-13	--	AAP/BG
	B	INSULATOR AND CONTACT SUB ASSEMBLY SHOWN AS SEPARATE VIEW, ADDED PIM TO NOTE 1	24-Apr-14	2725	RAK/BG



RECOMMENDED CABLE STRIPPING DIMENSIONS



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 $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) $\pm 1^\circ$	MATERIAL	DRAWN	DATE	TITLE	Amphenol Connex
	SEE NOTES	A ARUN PRABU	04-Oct-13	4.1/9.5 FEMALE BULK HEAD FOR RG 402 CABLE	
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.	REFERENCE	ENGINEER	DATE		
		A ARUN PRABU	04-Oct-13		
		APPROVED	DATE		
		B.C. GLEISSNER	20-Dec-13		SCALE: 4.0:1 SHEET 1 OF 1
		CAD FILE			DWG SIZE DRAWING NO. REV
					B 332103 B

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