

NOTES:

REFERENCE STANDARD IEC60169-11

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50±2Ω
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 MΩ MIN.
D.W.V : 1500 VRMS
CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.5 mΩ MAX.
INNER CONDUCTOR 1.0 mΩ 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(0.1µm MIN.)
OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
NUT : BRASS, PLATING = COPPER-TIN-ZINC (2µm 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

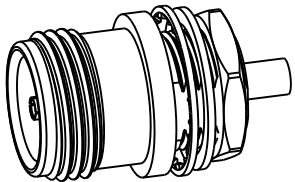
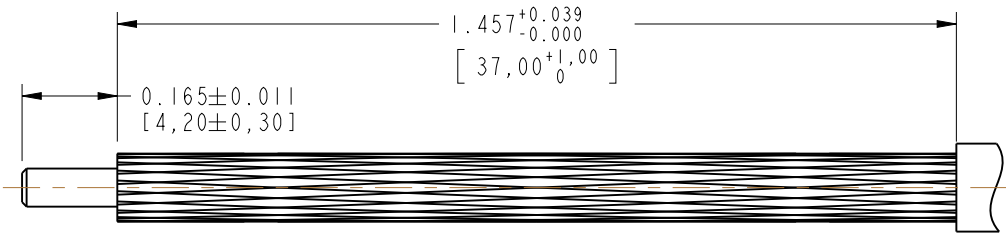
V. USED ASSEMBLY INSTRUCTION: 349-50880

VI. ROHS COMPLIANT

332103

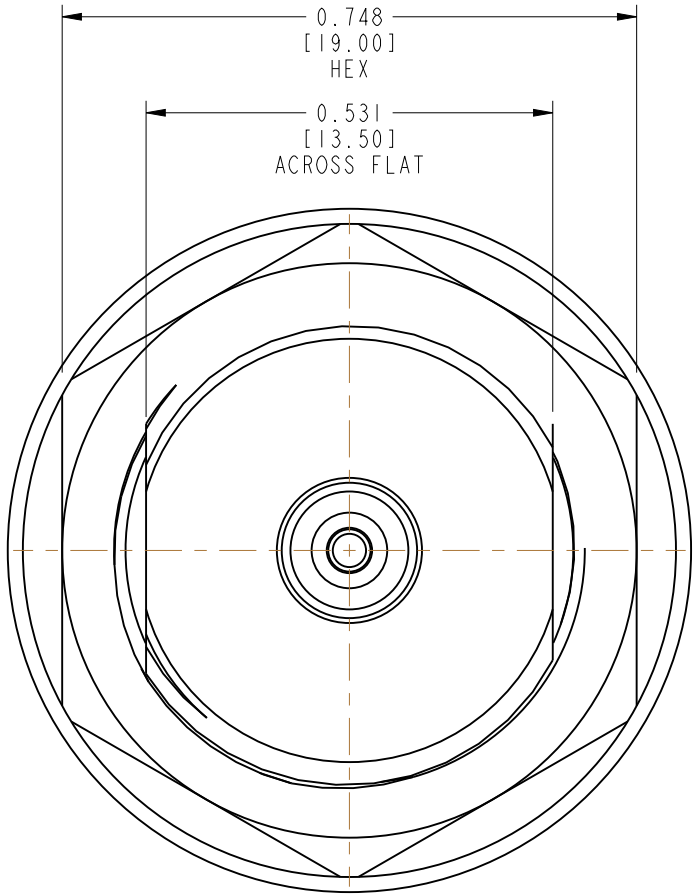
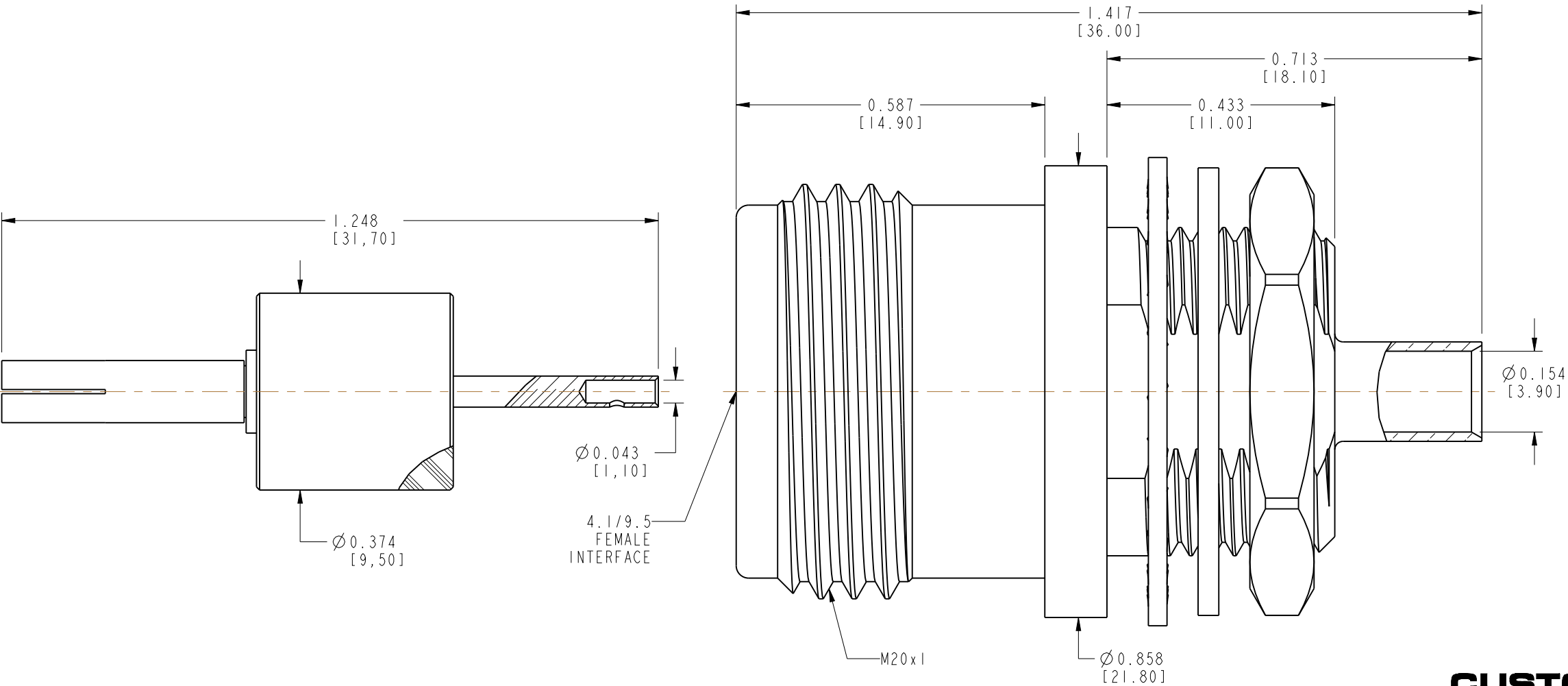
REVISIONS

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



SCALE 1.000

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

Mouser Electronics

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