

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

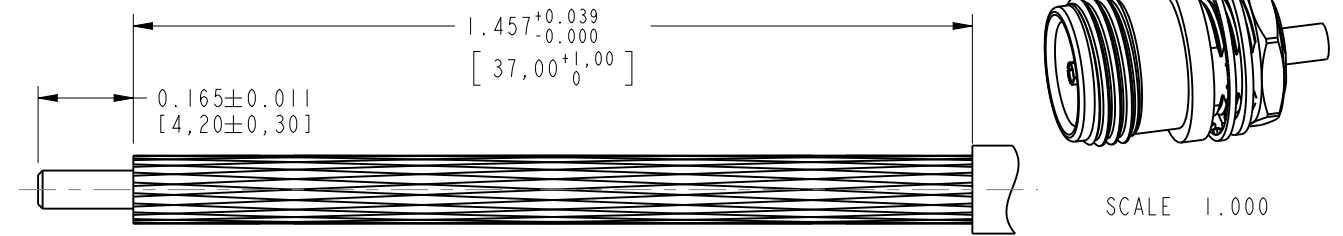
IV. ENVIRONMENTAL -

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

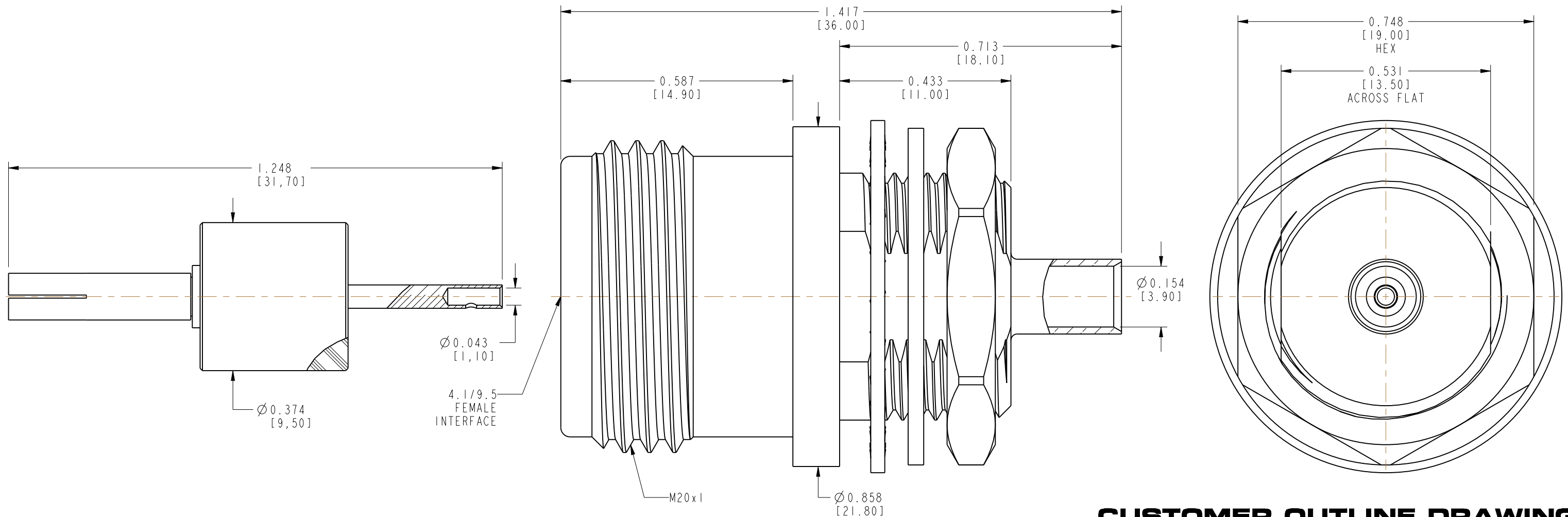
V. USED ASSEMBLY INSTRUCTION: 349-50880

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	
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		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