

NOTES: REFERENCE STANDARD IEC60169-11	332118		REVISIONS			
	DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
	THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	20-Dec-13	--	AAP/BG

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE	: 50 Ω
FREQUENCY RANGE	: DC-3.0 GHz
VSWR	: 1.150 MAX.
INSERTION LOSS	: 0.050 dB MAX. (@ 3.0 GHz)
INSULATION RESISTANCE	: 5000 M Ω MIN.
D.W.V	: 2500 VRMS
CONDUCTOR RESISTANCE	: OUTER CONDUCTOR 0.5 m Ω MAX. INNER CONDUCTOR 1.0 m Ω MAX.

II. MECHANICAL PERFORMANCE -

NUT TORQUE	: 10-12 N.m
TORSION(CABLE-CONNECTOR)	: 5.00 N.m
TENSILE FORCE(CABLE-CONNECTOR)	: 500 N
DURABILITY	: 500 CYCLES MIN.

III.MATERIAL AND PLATING -

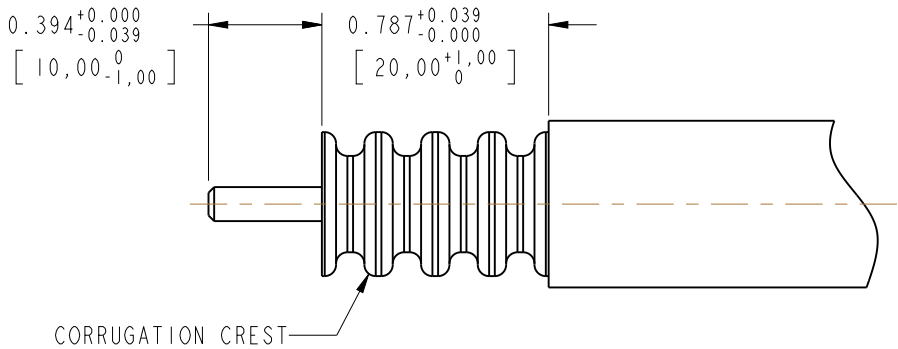
INNER CONDUCTOR	: SPRING COPPER ALLOY, PLATING = Ag (5 μ m MIN.)
OUTER CONDUCTOR	: BRASS, PLATING = COPPER-TIN-ZINC (2 μ m MIN.)
INSULATOR	: PTFE

IV. ENVIRONMENTAL -

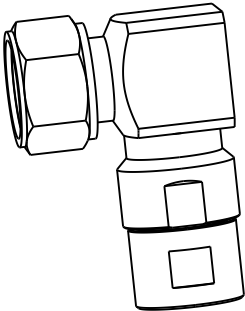
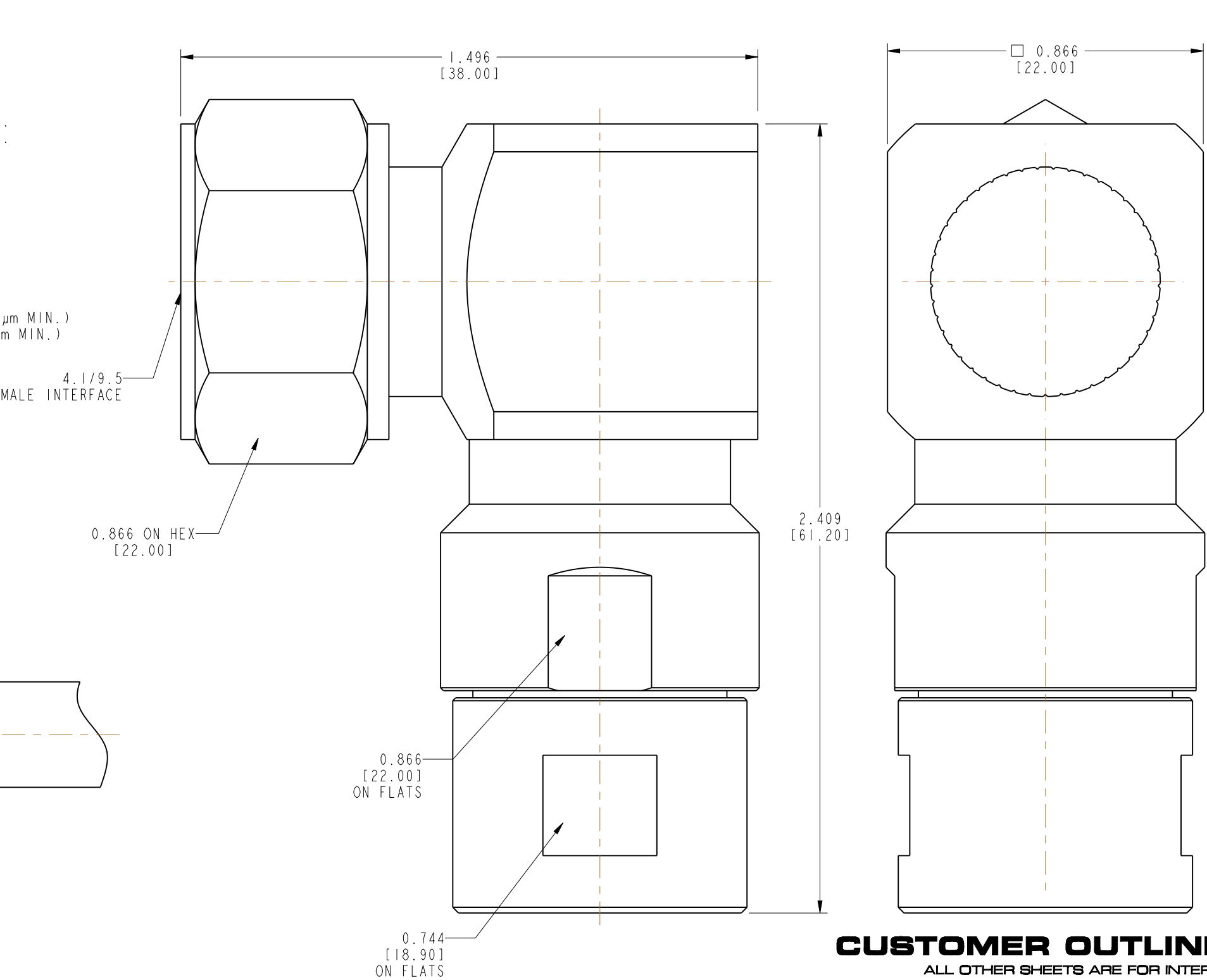
TEMP RANGE	: -40°C TO +85°C
WEATHER STANDARD	: IEC 60068 40/ 85/ 21
THERMAL SHOCK	: IEC 60068-2-14-NA
VIBRATION	: IEC 60068-2-6-FC
SHOCK	: IEC 60068-2-27

V. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

VI. ROHS COMPLIANT



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 0.700

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	DRAWN	DATE	TITLE 4.1/9.5 MALE RIGHT ANGLE FOR 1/2" L CABLE		Amphenol Connex	
	SEE NOTES	A ARUN PRABU	04-Oct-13				
	REFERENCE	ENGINEER	DATE				
		A ARUN PRABU	04-Oct-13				
		APPROVED	DATE				
	B.C. GLEISSNER	20-Dec-13					
	CAD FILE			DWG SIZE	DRAWING NO.	REV	
				B	332118	A	

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