

NOTES:

REFERENCE STANDARD IEC60169-11

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50±2 Ω
FREQUENCY RANGE : DC-3.0 GHz
VSWR : 1.150 MAX.
PIM : -160 dBc MAX. (2x43dBm)
INSERTION LOSS : 0.050 dB MAX. (@ 3.0 GHz)
INSULATION RESISTANCE : 5000 MΩ MIN.
D.W.V : 2500 VRMS
CONDUCTOR RESISTANCE : OUTER CONDUCTOR 1.0 mΩ MAX.
INNER CONDUCTOR 0.5 mΩ MAX.

II. MECHANICAL PERFORMANCE -

(NUT) TORQUE : 10-12 N.m
(NUT) WHORL PULL : 500 N
TENSILE FORCE(CABLE-CONNECTOR) : 500 N
TORSION(CABLE-CONNECTOR) : 4 N-m

III. MATERIAL AND PLATING -

INNER CONDUCTOR : SPRING BRONZE ALLOY, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
NUT : BRASS, PLATING = NI (5µm MIN.)
GASKET : SILICONE RUBBER
INSULATOR : PTFE

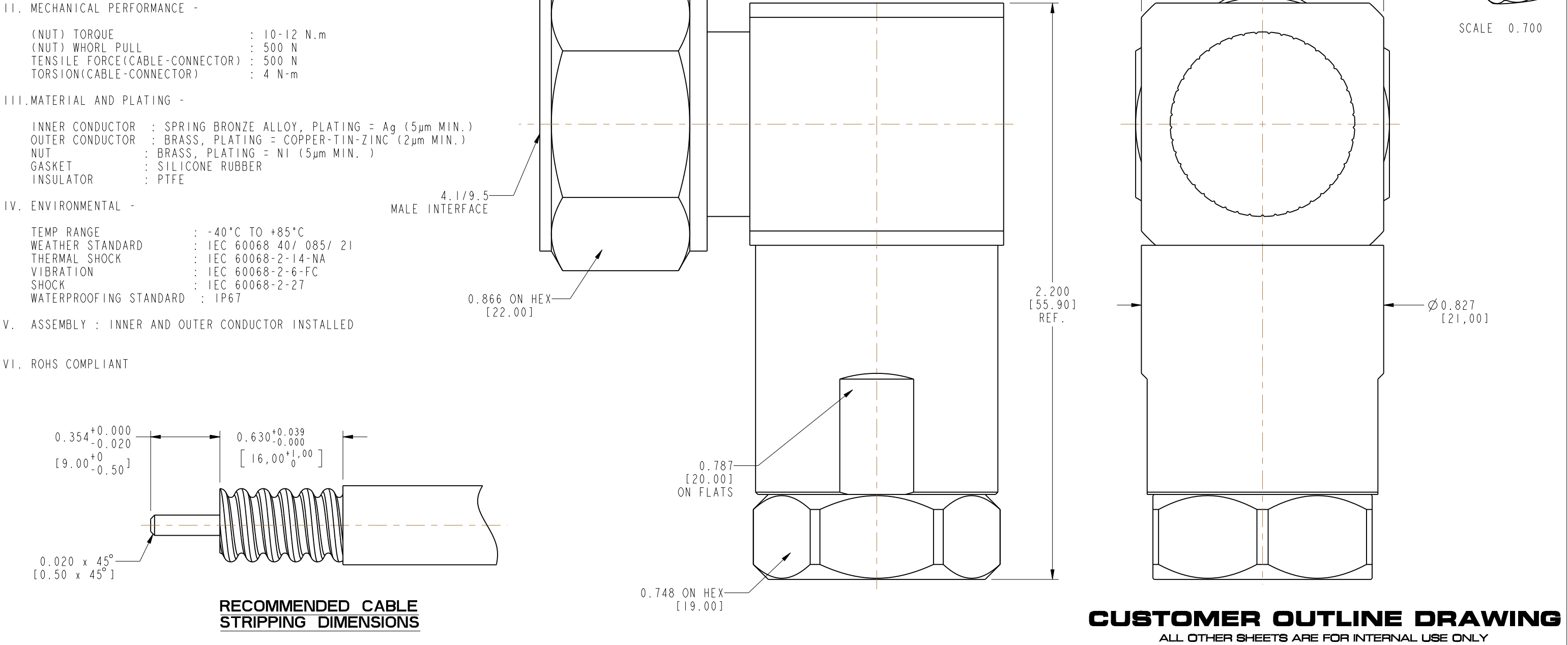
IV. ENVIRONMENTAL -

TEMP RANGE : -40°C TO +85°C
WEATHER STANDARD : IEC 60068 40/ 085/ 21
THERMAL SHOCK : IEC 60068-2-14-NA
VIBRATION : IEC 60068-2-6-FC
SHOCK : IEC 60068-2-27
WATERPROOFING STANDARD : IP67

V. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

VI. ROHS COMPLIANT

332113		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	03-Jan-14	--	AAP/BG



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 04-Oct-13	TITLE 4.1/9.5 MALE RIGHT ANGLE FOR 1/2" H CABLE	Amphenol Connex		
		ENGINEER A ARUN PRABU	DATE 04-Oct-13				
	REFERENCE	APPROVED B.C. GLEISSNER	DATE 03-Jan-14	SCALE: 3.0:1		SHEET 1 OF 1	
		CAD FILE			DWG SIZE B	DRAWING NO. 332113	REV A
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