

NOTES:
REFERENCE STANDARD IEC60169-11

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50Ω
FREQUENCY RANGE : DC-3.0 GHz
VSWR : 1.100 MAX.
PIM : -160dBc MAX. (2x43dBm)
INSERTION LOSS : 0.010 dB MAX.
INSULATION RESISTANCE : 5000 M Ω MIN.
D.W.V : 3000 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
(NUT) WHORL PULL : 500 N
TENSILE FORCE(CABLE-CONNECTOR) : 500 N
TORSION(CABLE-CONNECTOR) : 5 N-m

III. MATERIAL AND PLATING -

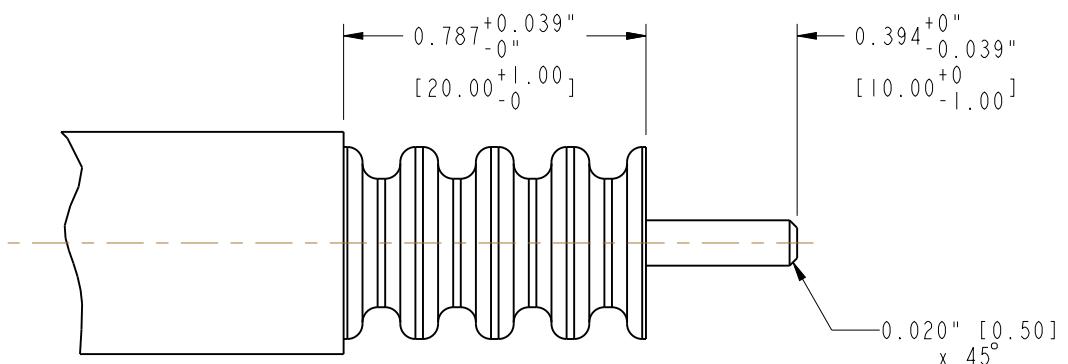
INNER CONDUCTOR : SPRING COPPER ALLOY, PLATING = Ag (5 μ m MIN.)
OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2 μ m MIN.)
NUT : BRASS, PLATING = NI (5 μ m MIN.)
GASKET : SILICONE RUBBER
INSULATOR : TPX

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 : IP68

V. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

VI. ROHS COMPLIANT



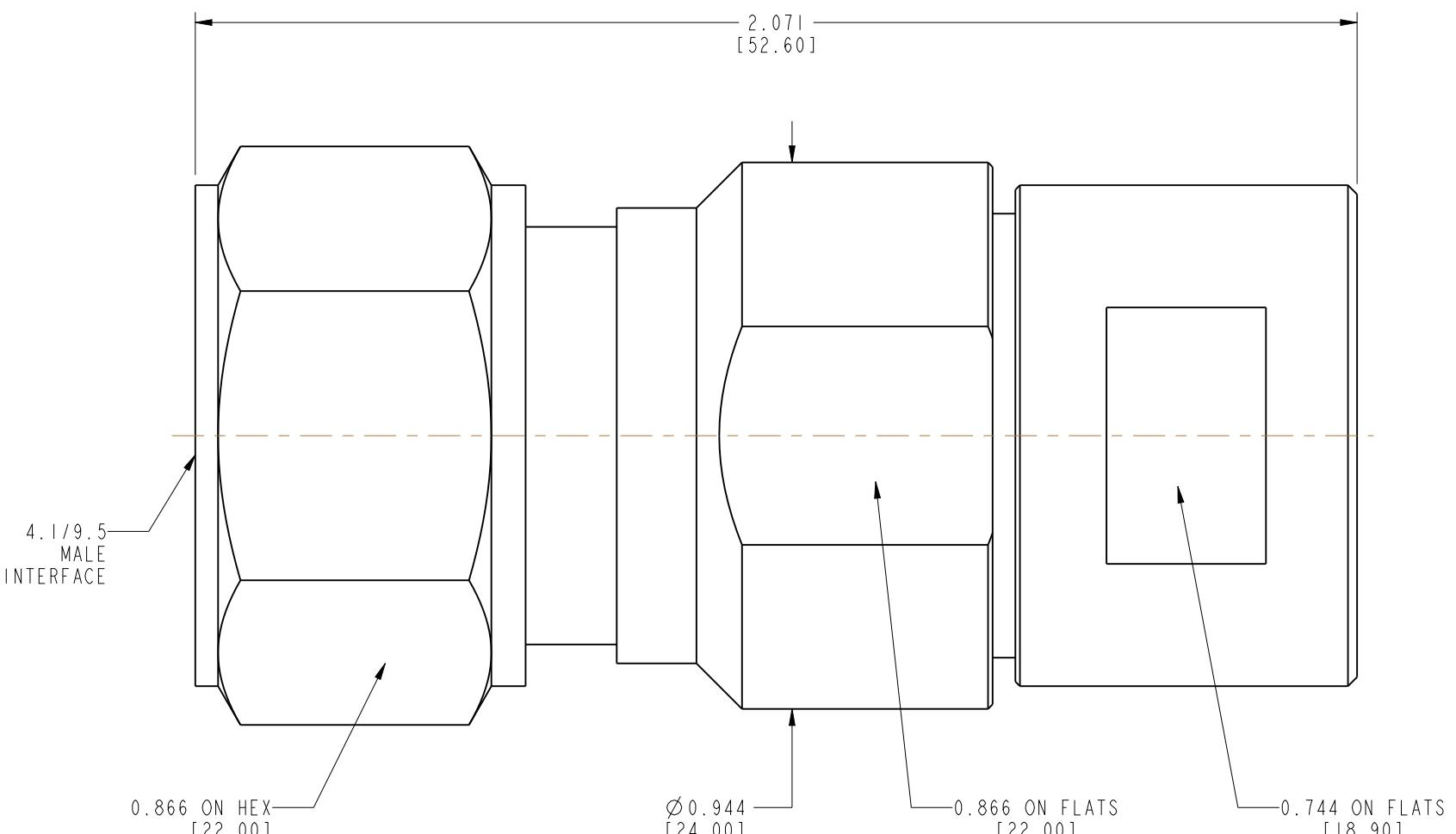
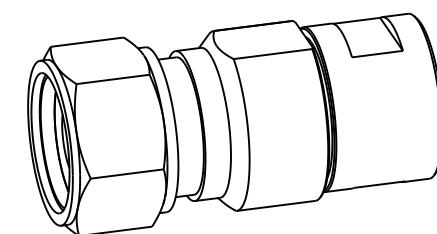
**RECOMMENDED CABLE
STRIPPING DIMENSIONS**

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES
 ± 0.015 (0.381 mm) ± 0.005 (0.127 mm) $\pm 1^\circ$

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332120		REVISIONS				
DRAWING NO.	REV	DESCRIPTION		DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.		13-Dec-13	--	AAP/BG

SCALE 1.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

MATERIAL SEE NOTES REFERENCE	DRAWN A ARUN PRABU ENGINEER A ARUN PRABU APPROVED B.C. GLEISSNER	DATE 04-Oct-13 DATE 04-Oct-13 DATE 13-Dec-13	TITLE 4.1/9.5 MALE FOR 1/2" HELICAL CABLE CAD FILE	Amphenol ConneX
	DWG SIZE B	DRAWING NO. 332120		SCALE: 3.5:1 SHEET 1 OF 1 REV A

Mouser Electronics

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