

NOTE:

REFERENCE STANDARD IEC60169-11

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50 Ω
FREQUENCY RANGE : DC-3.0 GHz
VSWR : 1.15 MAX.
INSERTION LOSS : 0.100 dB MAX. (@ 3.0 GHz)
PIM : -160 dBc MAX. (2x43dBm)
INSULATION RESISTANCE : 5000 MΩ MIN.
D.W.V : 2000 VRMS
CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.5 mΩ MAX.
INNER CONDUCTOR 1.0 mΩ MAX.

II. MECHANICAL PERFORMANCE

NUT - TORQUE : 10-12 N-m
NUT - WHORL PULL : 500 N
TENSILE FORCE (CABLE-CONNECTOR) : 150 N
TORSION (CABLE-CONNECTOR) : 0.30 N-m

III. MATERIAL AND PLATING -

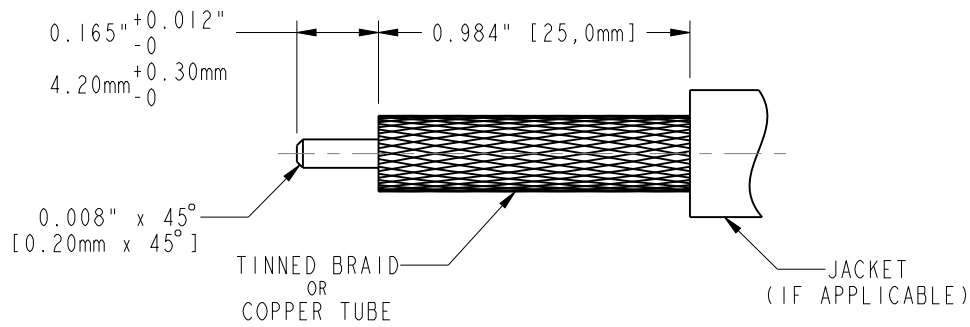
INNER CONDUCTOR : BRASS, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
NUT : BRASS, PLATING = NI (5µm MIN.)
GASKET : SILICONE RUBBER
INSULATOR : PTFE

IV. ENVIRONMENTAL -

TEMP. RANGE : -40°C TO +85°C
WEATHER STANDARD : IEC 60068 40/ 85/ 21
THERMAL SHOCK : MIL-STD 202, METHOD 107, CONDITION B
VIBRATION : MIL-STD 202, METHOD 204, CONDITION B
SHOCK : MIL-STD 202, METHOD 213, CONDITION I
WATERPROOFING STANDARD : IP 67

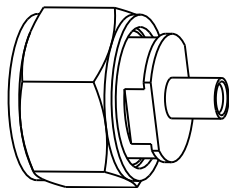
V. USE ASSEMBLY INSTRUCTION: 349-50881

VI. ROHS COMPLIANT

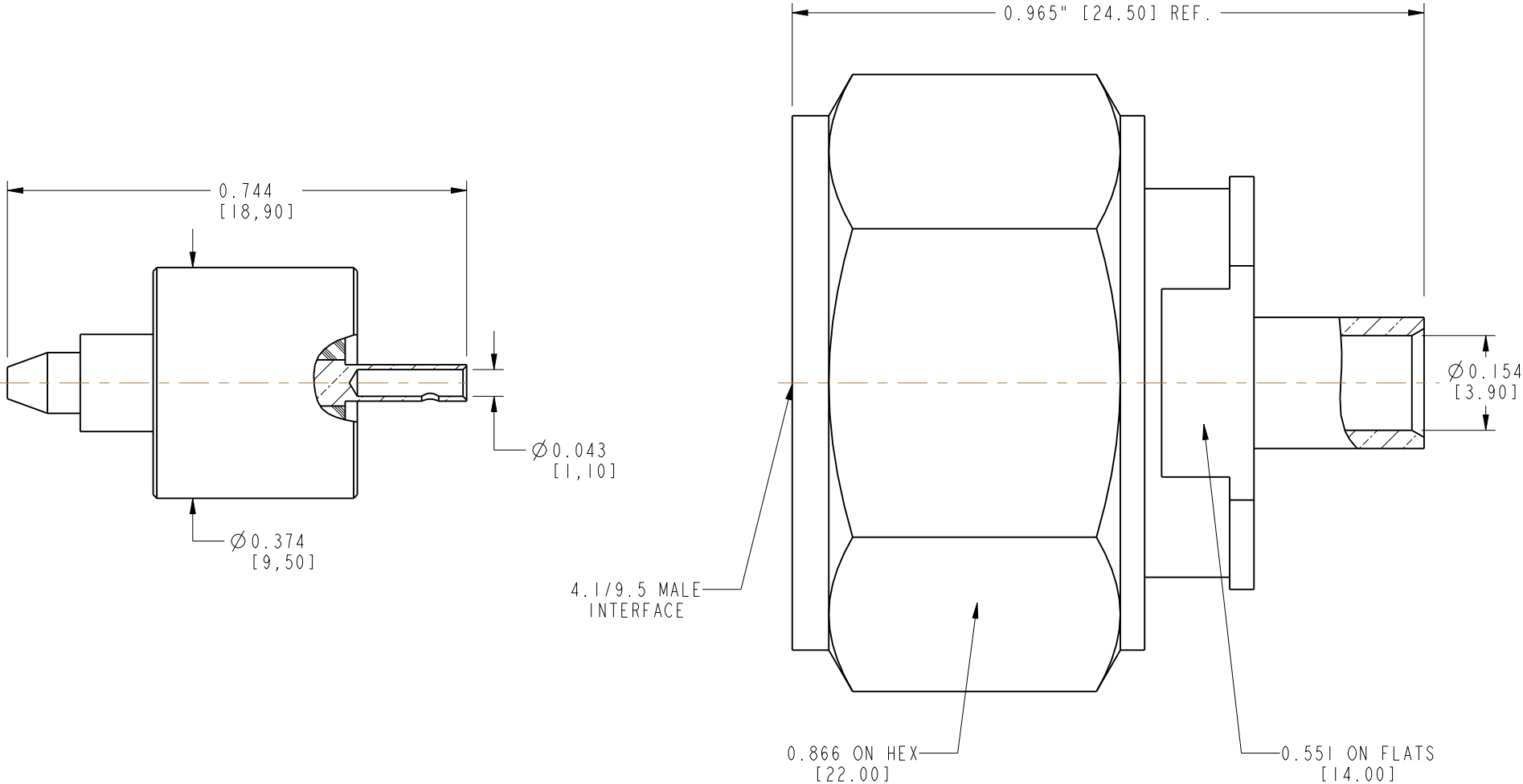


RECOMMENDED CABLE STRIPPING DIMENSIONS

332102		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	14-Oct-13	--	AAP/BG
	B	INSULATOR AND CONTACT SUB ASSEMBLY SHOWN AS SEPERATE VIEW	24-Apr-14	2725	RAK/BG



SCALE 1.000



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°	MATERIAL SEE NOTES	DRAWN A ARUN PRABU	DATE 12-Sep-13	TITLE 4.1/9.5 MALE FOR RG-402 TYPE CABLE	Amphenol Connex		
		ENGINEER A ARUN PRABU	DATE 12-Sep-13				
	REFERENCE	APPROVED B.C. GLEISSNER	DATE 14-Oct-13		SCALE: 4.0:1 SHEET 1 OF 1		
		CAD FILE		DWG SIZE B	DRAWING NO. 332102		REV B

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[332102](#)