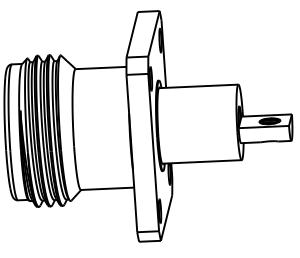


NOTE: REFERENCE STANDARD IEC60169-11	332105	REVISIONS				
	DRAWING NO. THIRD ANGLE PROJ.	REV A	DESCRIPTION RELEASE TO MFG.	DATE 15-Oct-13	ECO --	APPR AAP/BG

## I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE	: $50 \pm 2 \Omega$
FREQUENCY RANGE	: DC-3.0 GHz
VSWR	: 1.08 MAX.
INSERTION LOSS	: 0.05 dB MAX. (@ 3.0 GHz)
PIM	: -165 dBc MAX. (2x43dBm)
INSULATION RESISTANCE	: 5000 M $\Omega$ MIN.
D.W.V	: 2500 VRMS
CONDUCTOR RESISTANCE	: OUTER CONDUCTOR 0.5 m $\Omega$ MAX. INNER CONDUCTOR 1.0 m $\Omega$ MAX.



SCALE 1.000

### III. MECHANICAL PERFORMANCE

RETENTION : 4 N MIN.  
INNER CONDUCTOR TORQUE : 0.20 N·m  
MATING CYCLES : 500 MIN.  
AXIAL FORCES : 80 N

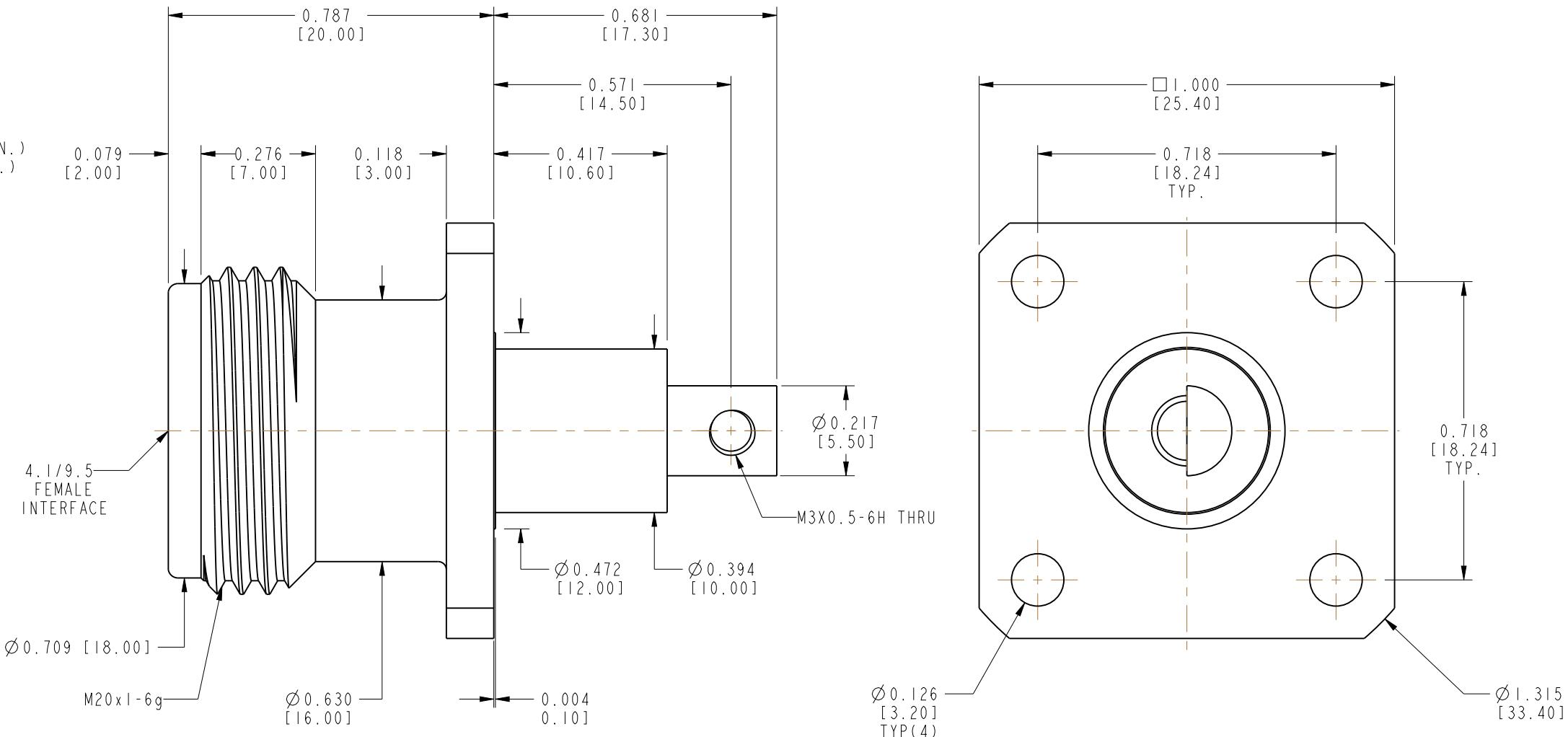
### III. MATERIAL AND PLATING -

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

#### IV. ENVIRONMENTAL -

TEMP. RANGE	: -55°C TO +155°C
WEATHER STANDARD	: IEC 60068 55/ 155/ 56
THERMAL SHOCK	: IEC 60068-2-14-NA
VIBRATION	: IEC 60068-2-6-FC
SHOCK	: IEC 60068-2-27

## V. ROHS COMPLIANT



# **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  SEE NOTES	DRAWN A ARUN PRABU	DATE 04-Oct-13	TITLE  4.1/9.5 FEMALE PANEL	Amphenol ConneX			
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.				ENGINEER A ARUN PRABU	DATE 04-Oct-13					
REFERENCE			APPROVED B.C. GLEISSNER	DATE 15-Oct-13	CAD FILE	DWG SIZE B	DRAWING NO. 332105	SCALE: 3.0:1	SHEET 1 OF 1	REV A

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