

NOTES:

REFERENCE STANDARD IEC60169-4

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50  
 FREQUENCY RANGE : DC-3.0 GHz  
 VSWR : 1.100 MAX.  
 INSERTION LOSS : -0.100 dB MIN. (@3.0 GHz)  
 PIM : -165dBc MAX. (2x43dBm)  
 INSULATION RESISTANCE : 5000 MΩ MIN.  
 D.W.V. : 2500 VRMS  
 CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.5 mΩ MAX.  
 INNER CONDUCTOR 1.0 mΩ MAX.

II. MECHANICAL PERFORMANCE -

RETENTION : 7/16:>5.88N MIN. 4.1/905:>4.00N MIN.  
 AXIAL FORCE : 200N  
 MATING CYCLES : 500 MIN.

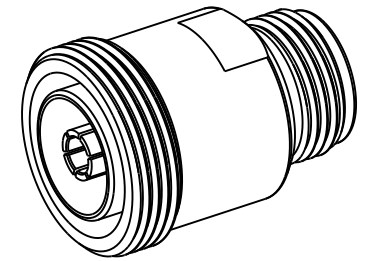
III. MATERIAL AND PLATING -

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

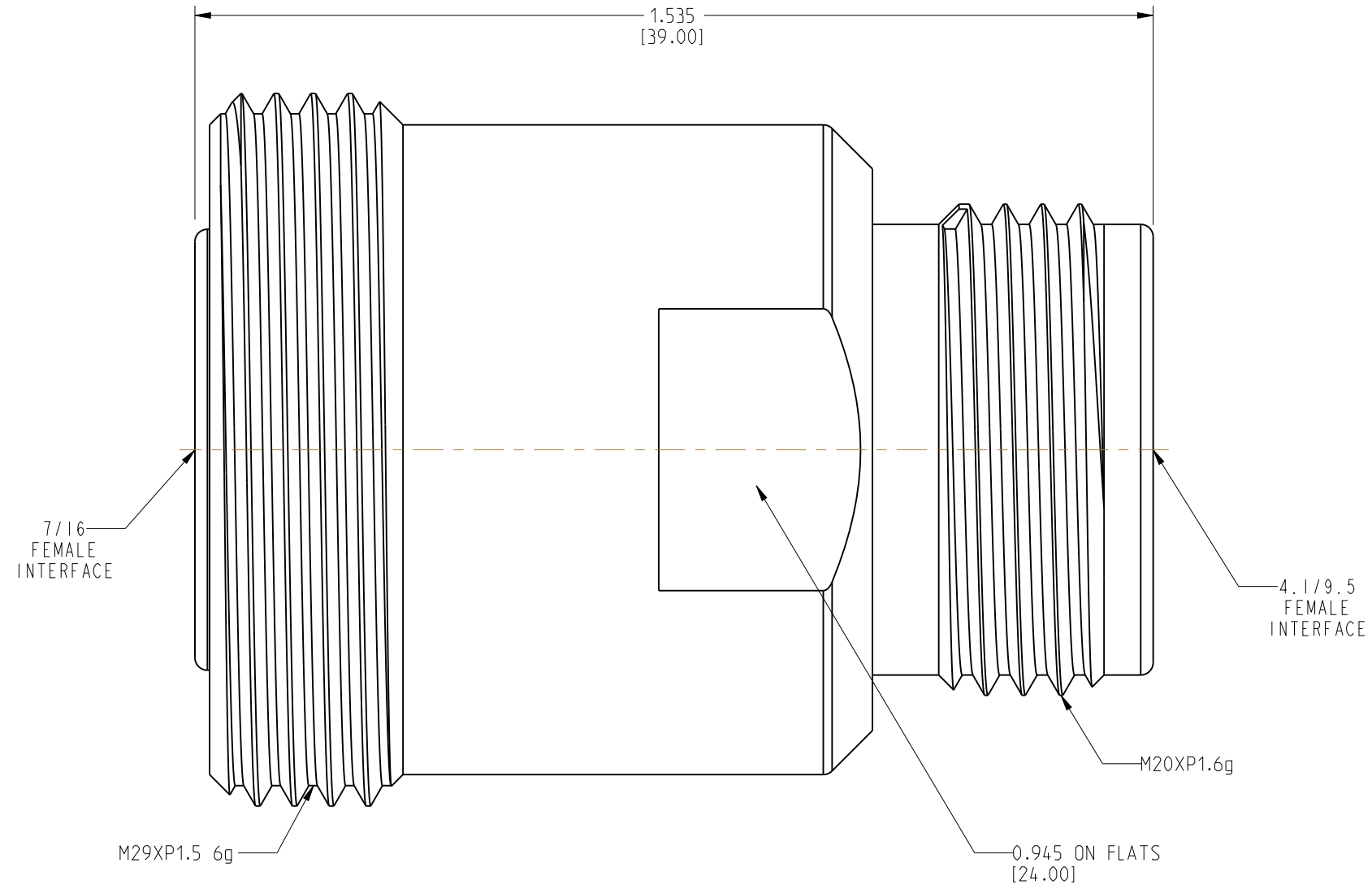
IV. ENVIRONMENTAL -

TEMP. RANGE : -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  
 ROHS COMPLIANT

242276		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	05-Sep-13	--	KR/BCG



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 ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1°	MATERIAL	DRAWN	DATE	TITLE	Amphenol Connex
	SEE NOTES	KARTHIK R	05-Sep-13	7/16 FEMALE TO 4.1/9.5 FEMALE ADAPTER	
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.	REFERENCE	ENGINEER	DATE	SCALE: 4.0:1	SHEET 1 OF 1
		KARTHIK R	05-Sep-13		
			APPROVED	DATE	DWG SIZE
		B.C. GLEISSNER	09-Sep-13	B	242276
		CAD FILE			REV
					A