

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.

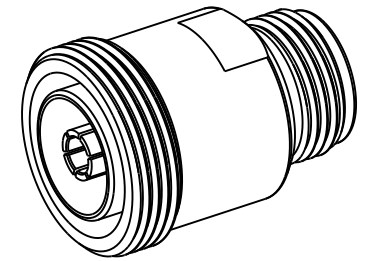
III. MATERIAL AND PLATING -

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

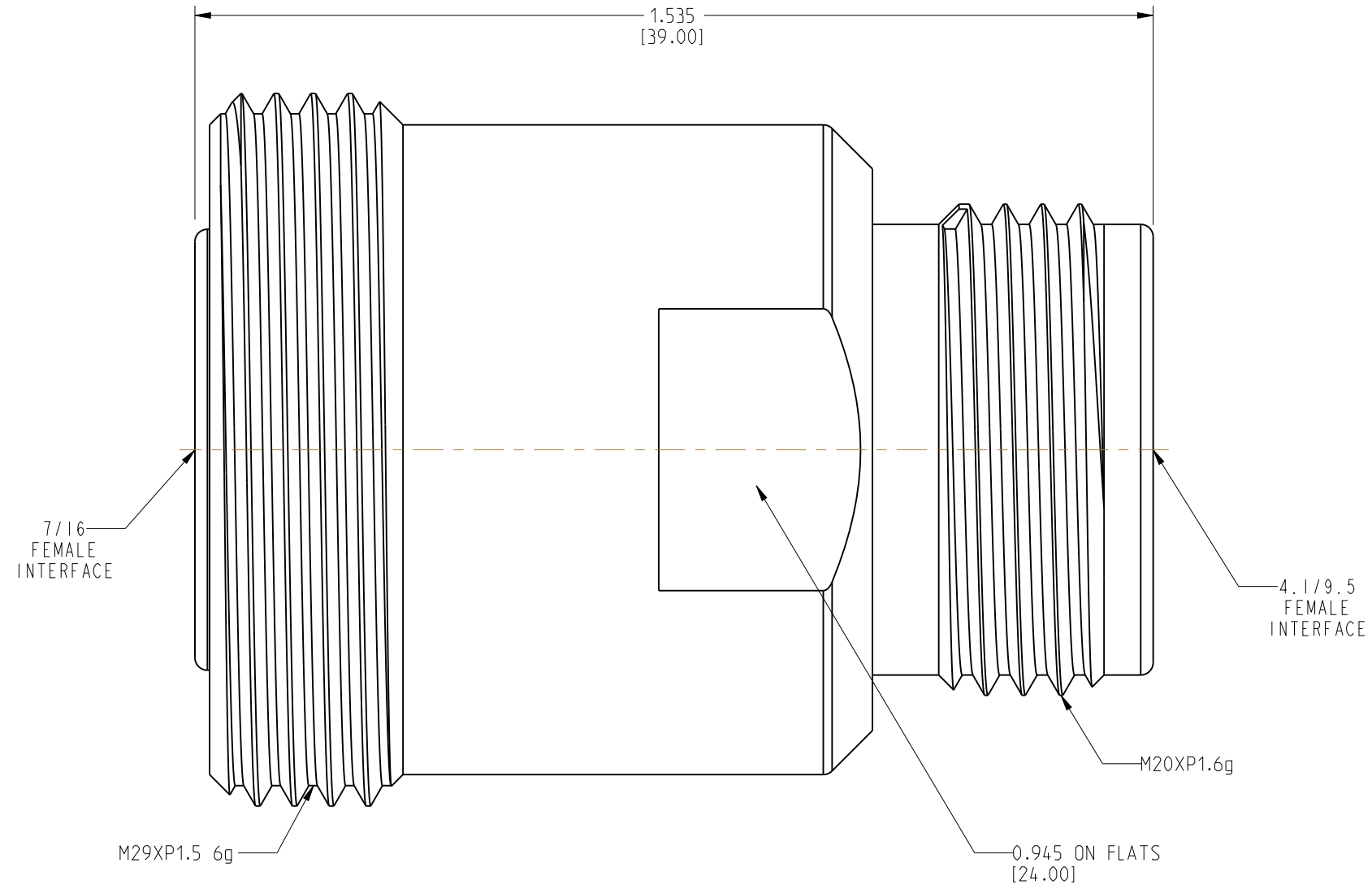
IV. ENVIRONMENTAL -

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		
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		KARTHIK R	05-Sep-13		
		APPROVED	DATE		
		B.C. GLEISSNER	09-Sep-13	DWG SIZE	DRAWING NO.
		CAD FILE		B	242276
					REV A