


NOTES: REFERENCE STANDARD IEC60169-11	332111		REVISIONS			
	DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
	THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	03-Oct-13	--	KR/BCG

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE	: 50 Ω
FREQUENCY RANGE	: DC-3.0 GHz
VSWR	: 1.150 MAX.
INSERTION LOSS	: 0.05 dB MAX. (@3.0 GHz)
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	: 4.00 N MIN.
MATING CYCLES	: 500 MIN.
TENSILE FORCE (CABLE-CONNECTOR)	: 500 N
TORSION (CABLE-CONNECTOR)	: 5 N-M

III. MATERIAL AND PLATING -

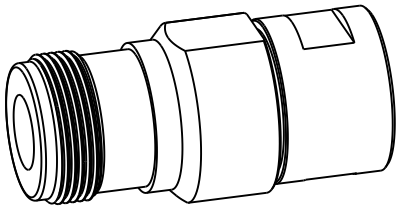
INNER CONDUCTOR	: SPRING COPPER ALLOY, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR	: BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
INSULATOR	: PTFE

IV. ENVIRONMENTAL -

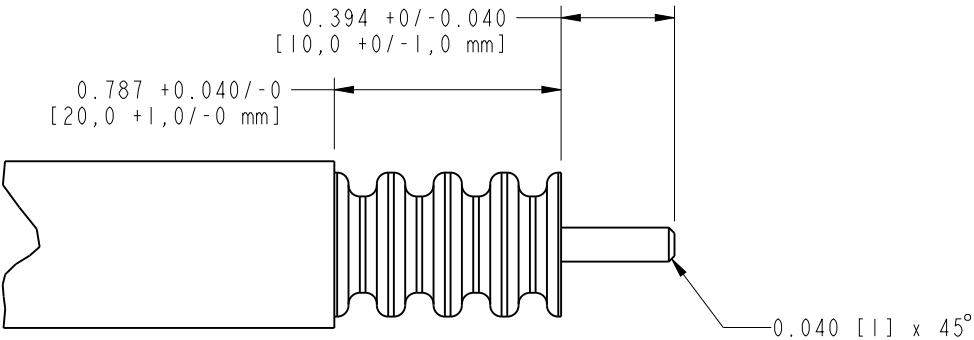
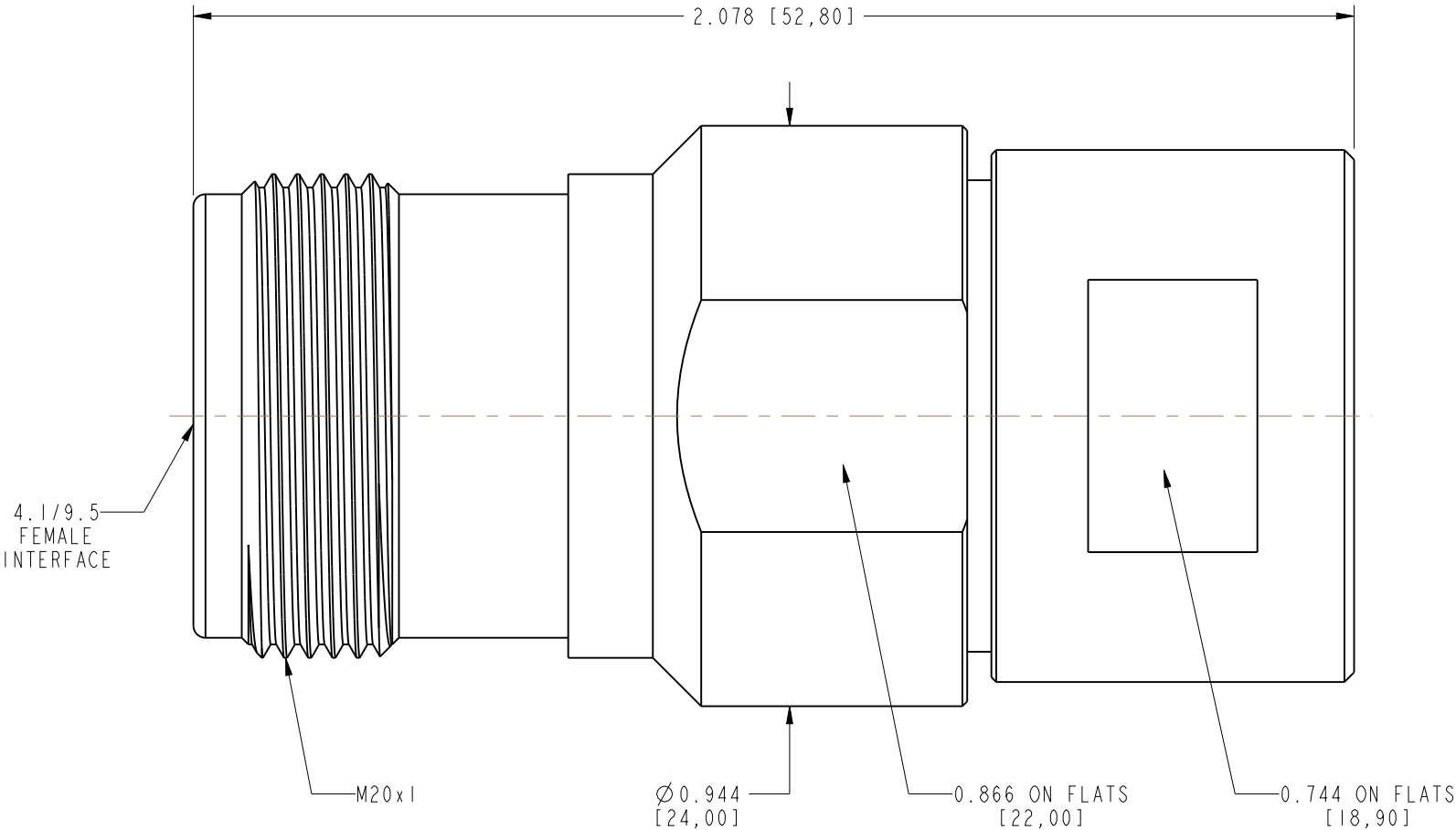
TEMP. RANGE	: -40°C TO +85°C
WEATHER STANDARD	: IEC 60068 40/ 85/ 21
THERMAL SHOCK	: IEC 60068-2-14-NA
VIBRATION	: IEC 60068-2-6-FC
SHOCK	: IEC 60068-2-27

V. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

VI. ROHS COMPLIANT



SCALE 1.000



RECOMMENDED CABLE
TRIMMING DIMENSIONS

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	DRAWN	DATE	TITLE		Amphenol Connex		
	SEE NOTES	KARTHIK R	12-Sep-13					
		REFERENCE	ENGINEER	DATE				
			KARTHIK R	12-Sep-13				
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		B.C. GLEISSNER	03-Oct-13					
		CAD FILE			DWG SIZE	DRAWING NO.		REV
					B	332111		A

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