

NOTE: REFERENCE STANDARD IEC60169-11	332101		REVISIONS			
	DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
	THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	03-Oct-13	--	AAP/BG

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE	: 50 ±2 Ω
FREQUENCY RANGE	: DC-3.0 GHz
VSWR	: 1.08 MAX.
INSERTION LOSS	: 0.05 dB MAX. (@ 3.0 GHz)
P1M	: -165 dBc 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	: 4 N MIN.
INNER CONDUCTOR TORQUE	: 0.2 N-m
MATING CYCLES	: 500 MIN.

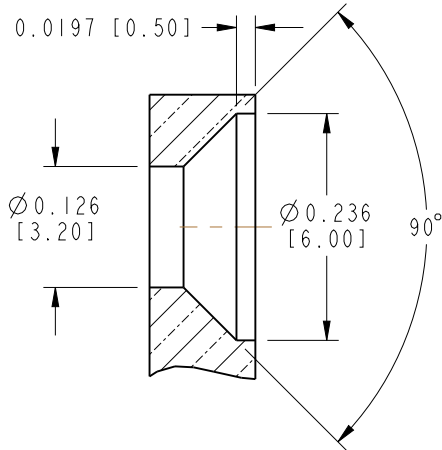
III. MATERIAL AND PLATING -

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

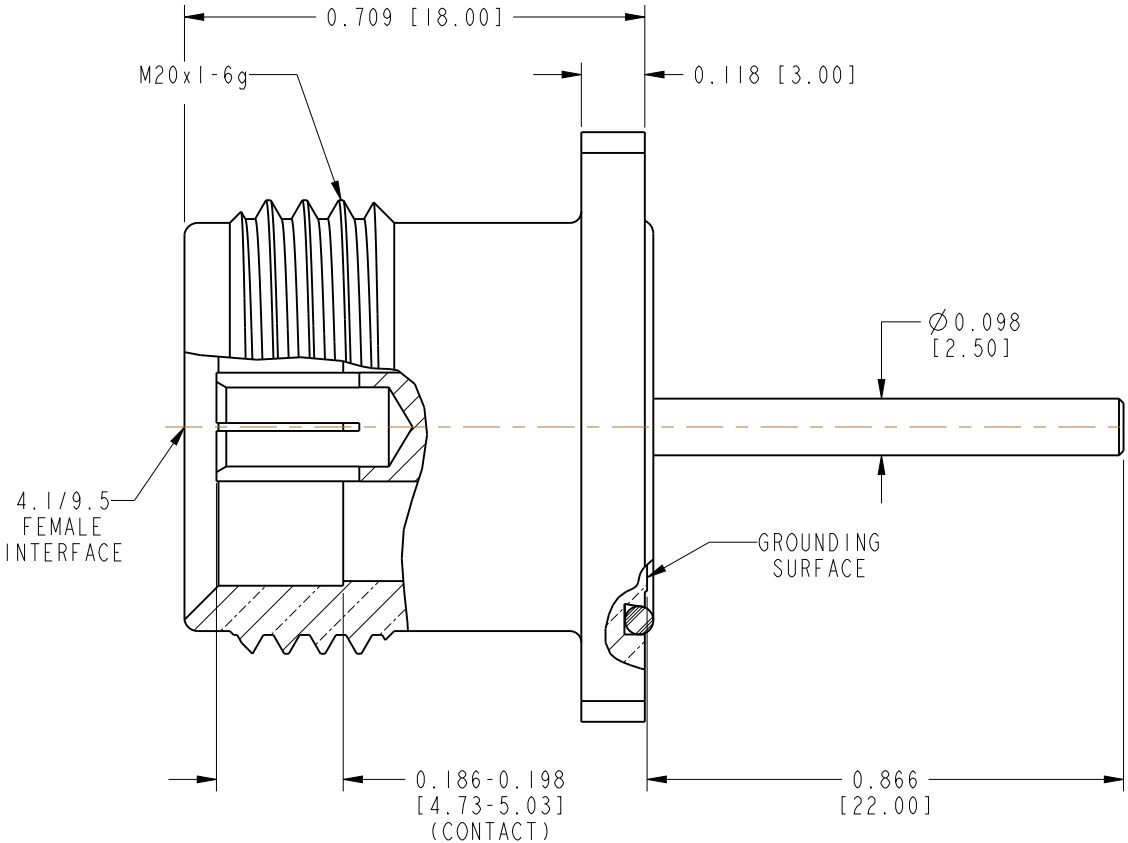
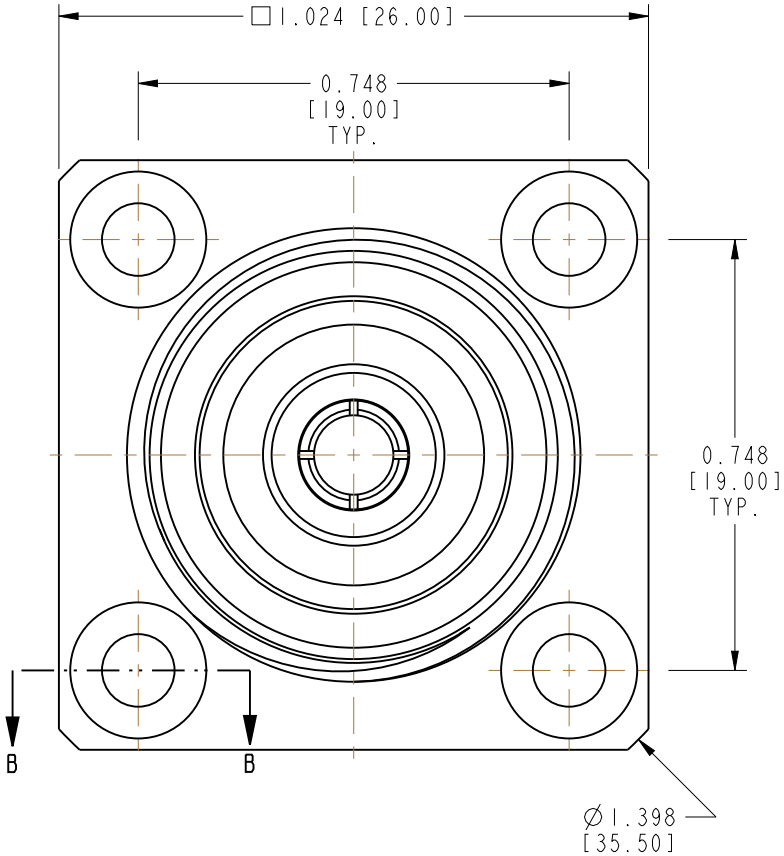
IV. ENVIRONMENTAL -

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
WATERPROOFING STANDARD	: IP 67

V. ROHS COMPLIANT



SECTION B-B
SCALE 5.000



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° 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.	MATERIAL	DRAWN	DATE	TITLE			Amphenol Connex		
	SEE NOTES	A ARUN PRABU	12-Sep-13						
		ENGINEER	DATE	4.1/9.5 FEMALE PANEL					
		A ARUN PRABU	12-Sep-13						
		REFERENCE	APPROVED	DATE	SCALE: 3.0:1			SHEET 1 OF 1	
	B.C. GLEISSNER	03-Oct-13							
		CAD FILE			DWG SIZE	DRAWING NO.	REV		
					B	332101			