

NOTES: REFERENCE STANDARD IEC60169-11	332109		REVISIONS			
	DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
	THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	17-Sep-13	--	AAP/BG

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50 Ω
FREQUENCY RANGE : DC-3.0 GHz
VSWR : 1.100 MAX.
INSERTION LOSS : 0.100 dB MAX. (@3.0 GHz)
PIM : 120 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 : 4.00 N - 9.00 N
MATING CYCLES : 500 MIN.

III. MATERIAL AND PLATING -

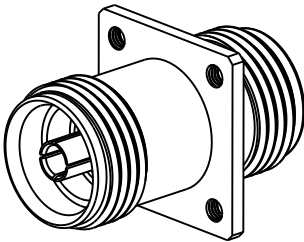
INNER CONDUCTOR : SPRING COPPER ALLOY, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
INSULATOR : PTFE

IV. ENVIRONMENTAL -

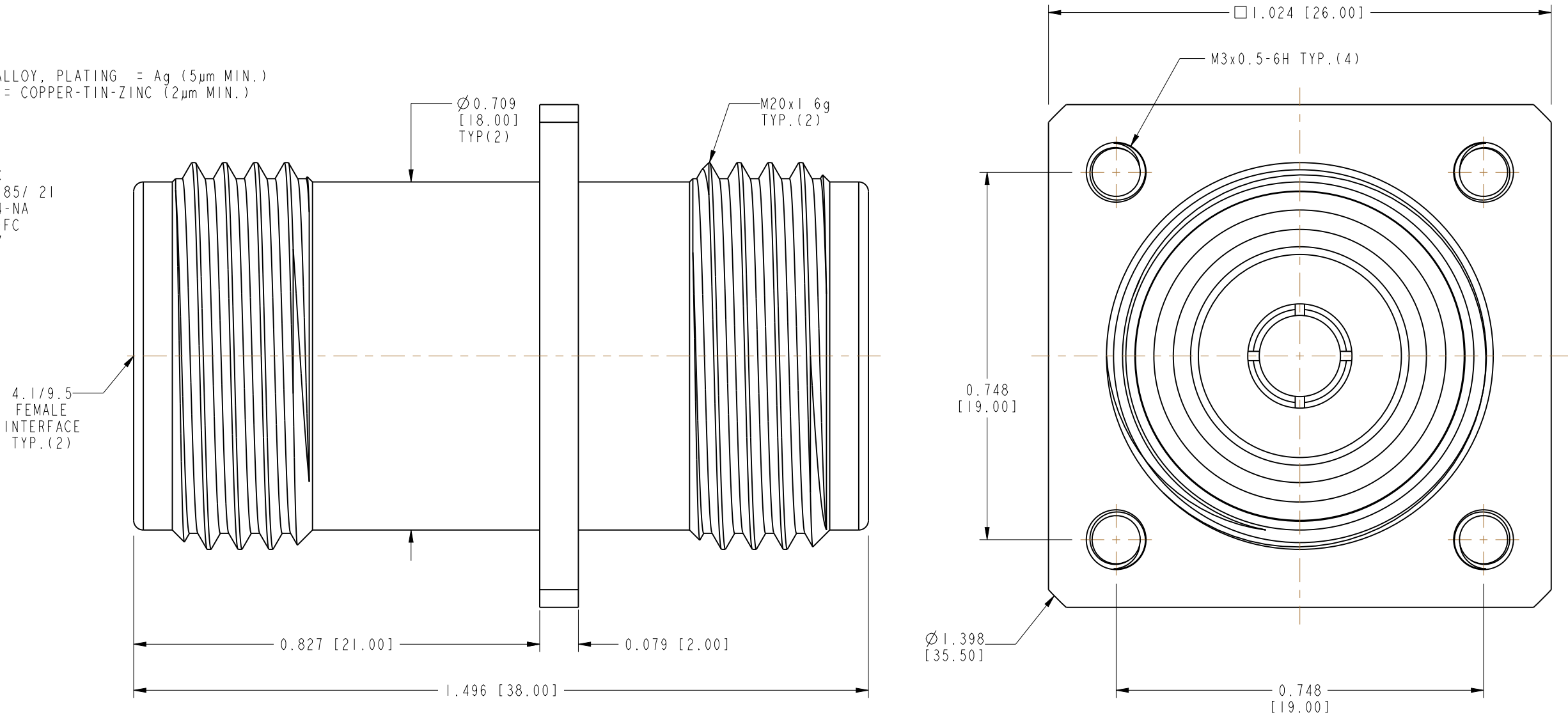
TEMP. RANGE : -40°C TO +85°C
WEATHER STANDAR : IEC 60068 40/ 85/ 21
THERMAL SHOCK : IEC 60068-2-14-NA
VIBRATION : IEC 60068-2-6-FC
SHOCK : IEC 60068-2-27

V. ROHS COMPLIANT

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY



SCALE 1.000



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 A ARUN PRABU	DATE 05-Sep-13	TITLE 4.1/9.5 FEMALE TO 4.1/9.5 FEMALE ADAPTER	Amphenol Connex		
	SEE NOTES	ENGINEER A ARUN PRABU	DATE 05-Sep-13				
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		CAD FILE		DWG SIZE B	DRAWING NO. 332109		REV A
					SCALE: 4.0:1	SHEET 1 OF 1	