

NOTE:

REFERENCE STANDARD IEC60169-11

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)
PIM : -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 : 0.20 N-m
MATING CYCLES : 500 MIN.
AXIAL FORCES : 80 N

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 -

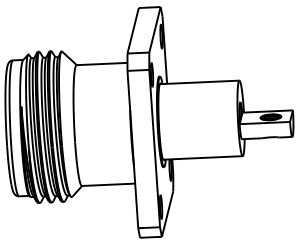
TEMP. RANGE : -55°C TO +155°C
WEATHER STANDARD : IEC 60068 55/ 155/ 56
THERMAL SHOCK : IEC 60068-2-14-NA
VIBRATION : IEC 60068-2-6-FC
SHOCK : IEC 60068-2-27

V. ROHS COMPLIANT

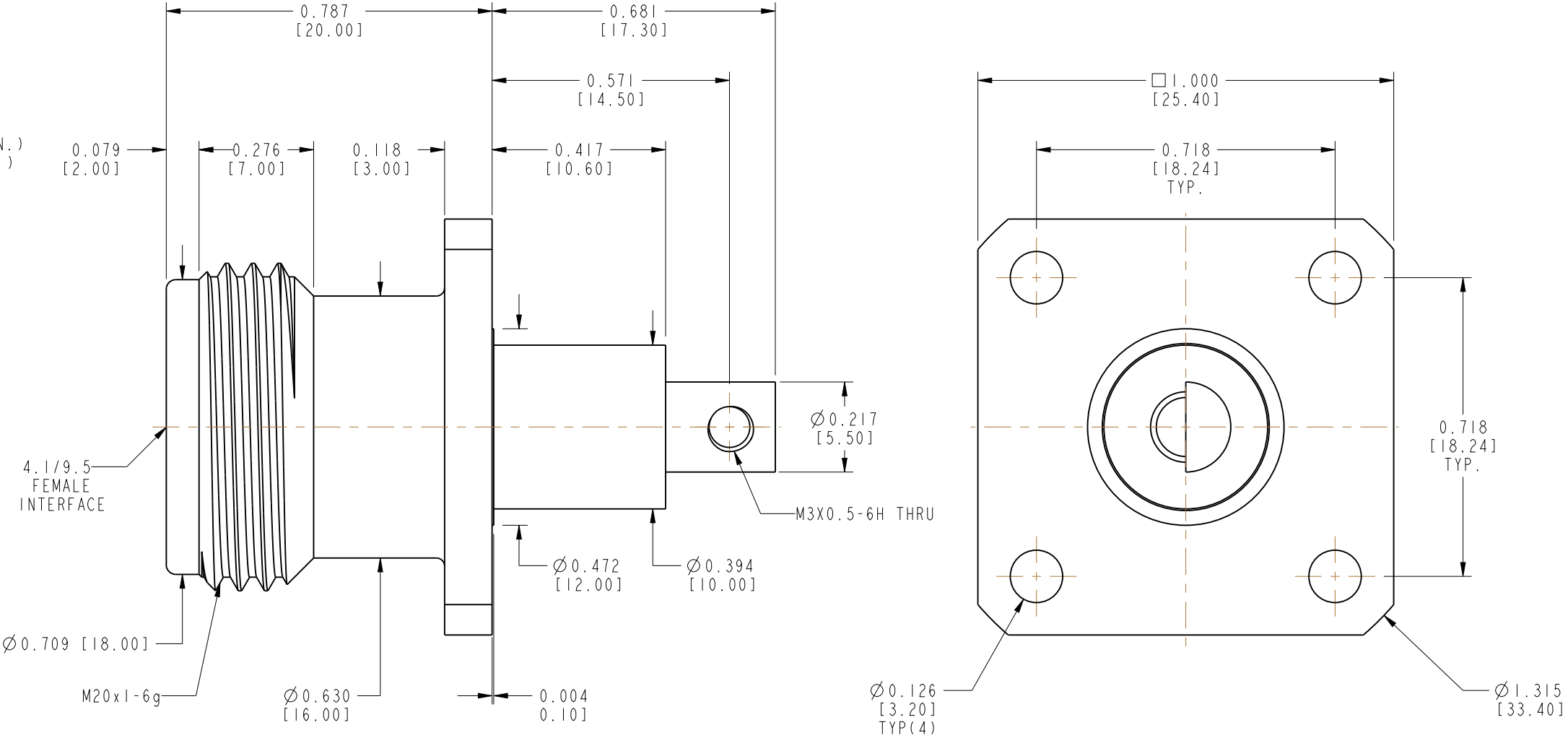
332105

REVISIONS

DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	15-Oct-13	--	AAP/BG



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 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL SEE NOTES	DRAWN A ARUN PRABU	DATE 04-Oct-13	TITLE 4.1/9.5 FEMALE PANEL	Amphenol Connex		
		ENGINEER A ARUN PRABU	DATE 04-Oct-13				
	REFERENCE	APPROVED B.C. GLEISSNER	DATE 15-Oct-13		SCALE: 3.0:1 SHEET 1 OF 1		
		CAD FILE		DWG SIZE B	DRAWING NO. 332105		REV A