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 -

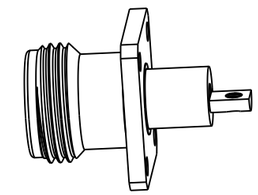
INNER CONDUCTOR	: SPRING COPPER ALLOY, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR	: BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
INSULATOR	: PTFE

IV. ENVIRONMENTAL -

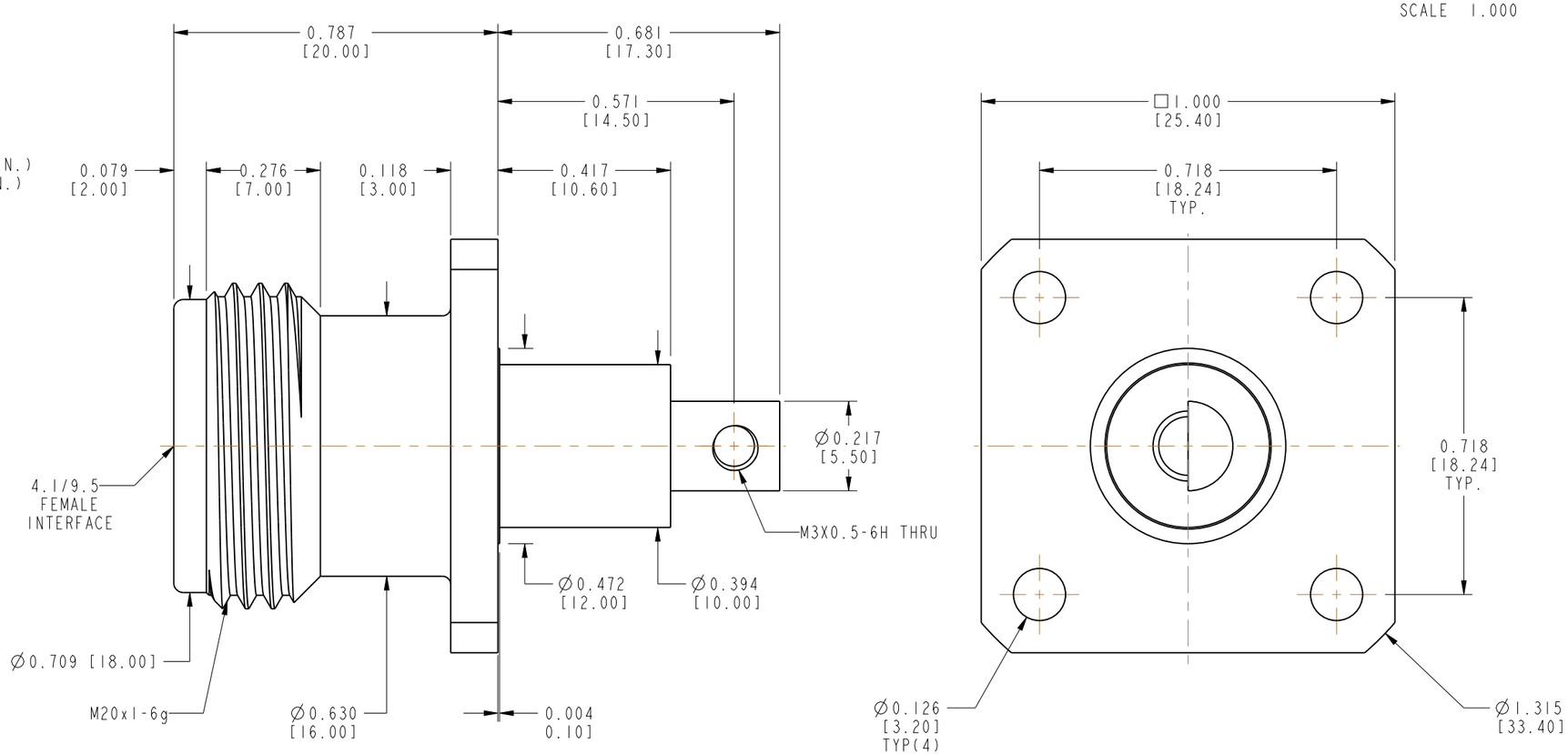
TEMP. RANGE	: -55°C TO +155°C
WEATHER STANDARD	: IEC 60068 55/ 155/ 56
THERMAL SHOCK	: IEC 60068-2-14-NA
VIBRATION	: IEC 60068-2-6-FC
SHOCK	: IEC 60068-2-27

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°

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MATERIAL: SEE NOTES	DRAWN: A ARUN PRABU	DATE: 04-Oct-13	TITLE: 4.1/9.5 FEMALE PANEL
	ENGINEER: A ARUN PRABU	DATE: 04-Oct-13	
REFERENCE	APPROVED: B.C. GLEISSNER	DATE: 15-Oct-13	
	CAD FILE		

Amphenol Connex

SCALE: 3.0:1 | SHEET 1 OF 1

DWG SIZE	DRAWING NO.	REV
B	332105	A