

NOTES:

REFERENCE STANDARD IEC60169-11 (4.1/9.5) IEC60169-16 (N)

1. ELECTRICAL PERFORMANCE:

NOMINAL IMPEDANCE : 50±2 Ω
 FREQUENCY RANGE : DC-3.0 GHz
 VSWR : 1.065 MAX.
 PIM : -160 dBc MAX.(1800 MHz)
 INSERTION LOSS : 0.05 dB MAX.
 INSULATION RESISTANCE : 5000 MΩ MIN.
 PROOF VOLTAGE : 2500 VRMS.
 CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.4 mΩ MAX. (N), 0.5 mΩ (4.1/9.5)
 INNER CONDUCTOR 0.8 mΩ MAX. (N), 1.0 mΩ (4.1/9.5)

2. MECHANICAL PERFORMANCE:

RETENTION : 0.56N MIN.(N), 4.0N MIN.(4.1/9.5)
 MATING CYCLES : 500 MIN.

3. MATERIAL AND PLATING:

INNER CONDUCTOR : SPRING BRONZE ALLOY, PLATING = Ag (5um MIN.)
 OUTER CONDUCTOR : BRASS, PLATING = Ag (5um MIN.)
 INSULATOR : PTFE

4. ENVIRONMENTAL:

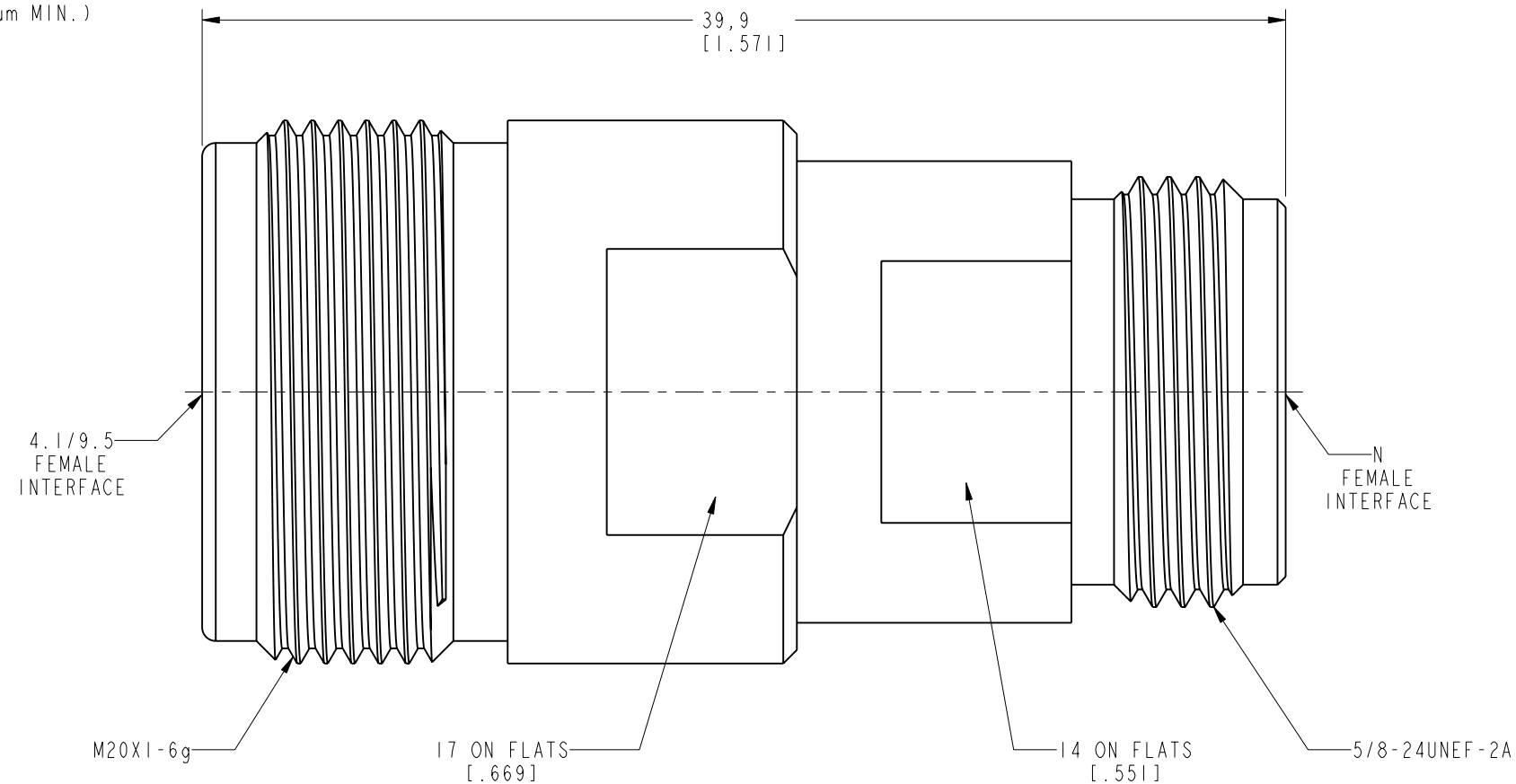
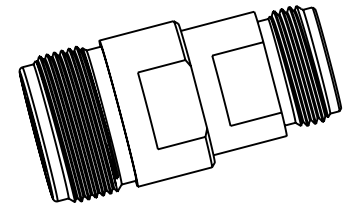
TEMP. RANGE : -40°C TO +85°C
 WEATHER STANDARD : IEC 60068 40/ 085/ 21
 THERMAL SHOCK : IEC 60068-2-14-NA
 VIBRATION : IEC 60068-2-6-FC
 SHOCK : IEC 60068-2-27

5. ROHS COMPLIANT

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	11-Sep-13		AAP/BG
B	RELEASE WITH GLOBAL FORMAT, ADDED SHEET 1	24-Aug-17	04801	SCOTT



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
 <0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°

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MATERIAL SEE NOTES	DRAWN K. ZHANG	DATE 23-Aug-17	TITLE 4.1/9.5 FEMALE TO N FEMALE ADAPTER		Amphenol RF www.amphenolrf.com	
	ENGINEER A ARUN PRABU	DATE 05-Sep-13				
	REFERENCE	APPROVED B.C. GLEISSNER	DATE 11-Sep-13	SCALE: 4.0:1.0	SHEET 2 OF 2	DRAWING NO. 242280
	FINISH	CAD FILE		DWG SIZE B	REV B	ITEM NO. 242280 PART NO. 242280