NOTES:

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

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.

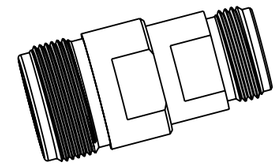
3 . MATERIAL AND PLATING:

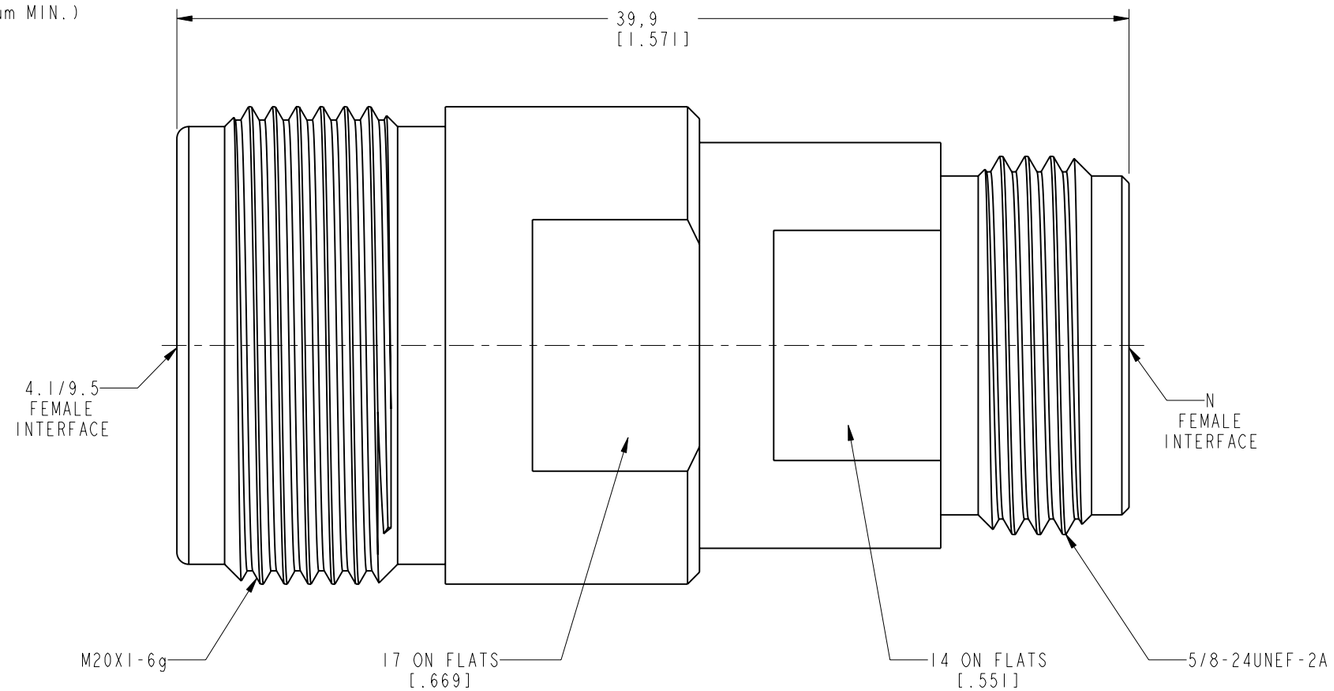
INNER CONDUCTOR	: SPRING BRONZE ALLOY, PLATING = Ag (5um MIN.)
OUTER CONDUCTOR	: BRASS, PLATING = Ag (5um MIN.)
INSULATOR	: PTFE

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





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

MATERIAL SEE NOTES	DRAWN K.ZHANG	DATE 23-Aug-17
	ENGINEER A ARUN PRABU	DATE 05-Sep-13
REFERENCE	APPROVED B.C. GLEISSNER	DATE 11-Sep-13
	CAD FILE	
FINISH		

TITLE
4.1/9.5 FEMALE TO N FEMALE ADAPTER

SCALE: 4.0:1.0 | SHEET 2 OF 2

DWG SIZE: B | REV: B

Amphenol RF
www.amphenolrf.com

DRAWING NO. 242280
ITEM NO. 242280
PART NO. 242280