

NOTES:

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

1. ELECTRICAL PERFORMANCE:

NOMINAL IMPEDANCE :  $50 \pm 2 \Omega$   
 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 M $\Omega$  MIN.  
 PROOF VOLTAGE : 2500 VRMS.  
 CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.4 m $\Omega$  MAX. (N), 0.5 m $\Omega$  (4.1/9.5)  
 INNER CONDUCTOR 0.8 m $\Omega$  MAX. (N), 1.0 m $\Omega$  (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:

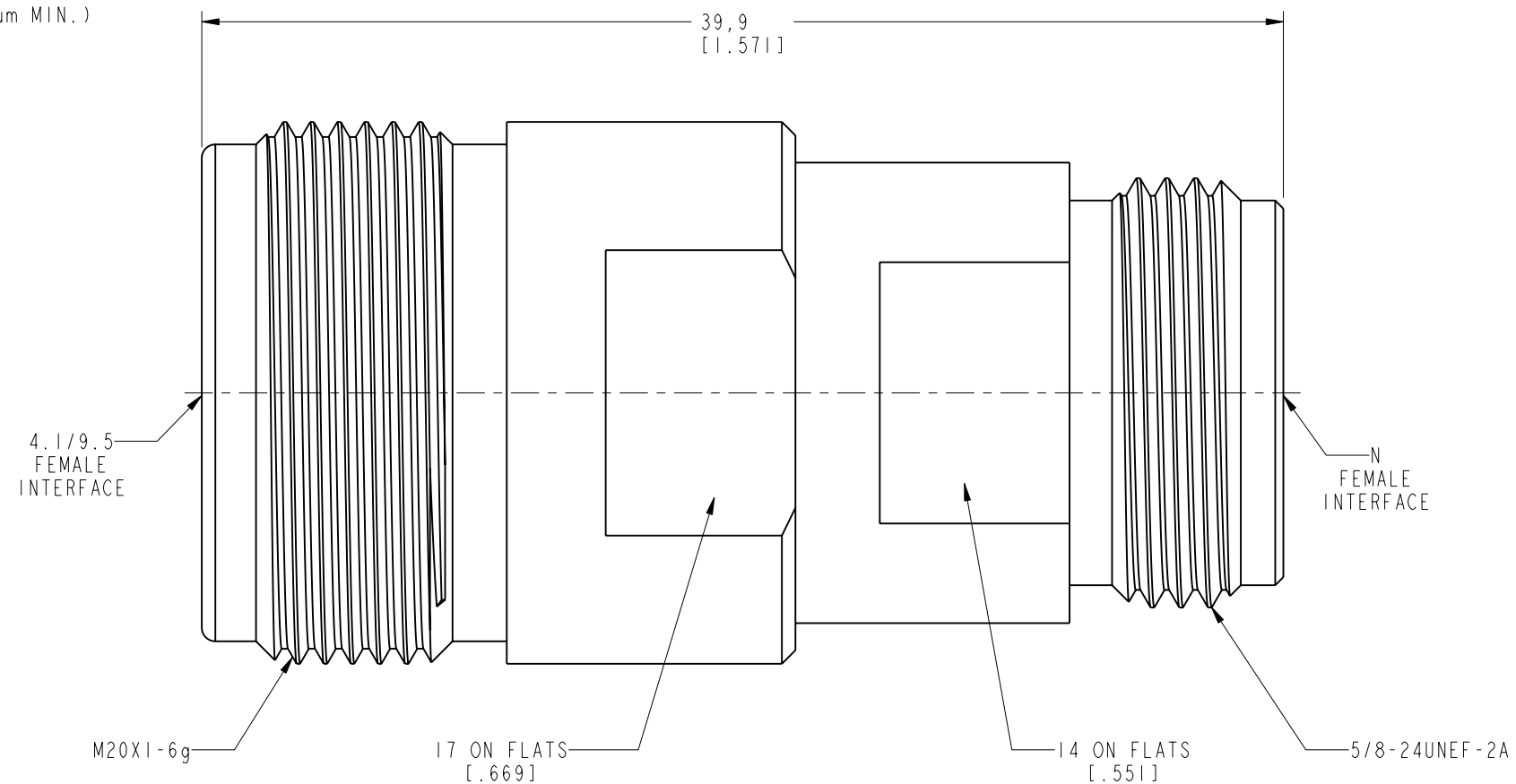
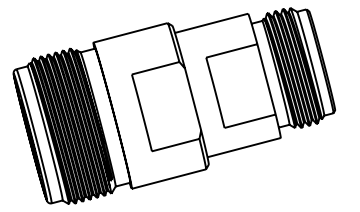
TEMP. RANGE : -40°C TO +85°C  
 WEATHER STANDARD : IEC 60068 40/ 085/ 21  
 THERMAL SHOCK : IEC 60068-2-14-NA  
 VIBRATION : IEC 60068-2-6-FC  
 SHOCK : IEC 60068-2-27

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° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the finishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	K. ZHANG	23-Aug-17				
	REFERENCE	APPROVED	DATE	SCALE: 4.0:1.0		SHEET 2 OF 2	
	FINISH	B.C. GLEISSNER	11-Sep-13	DWG SIZE B		REV B	
		CAD FILE			DRAWING NO. 242280		
					ITEM NO. 242280		
					PART NO. 242280		