

NOTES:

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

1. ELECTRICAL PERFORMANCE -

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

II. MECHANICAL PERFORMANCE -

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

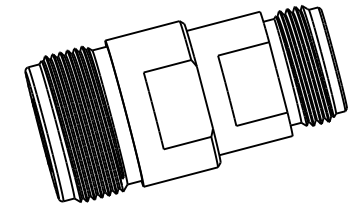
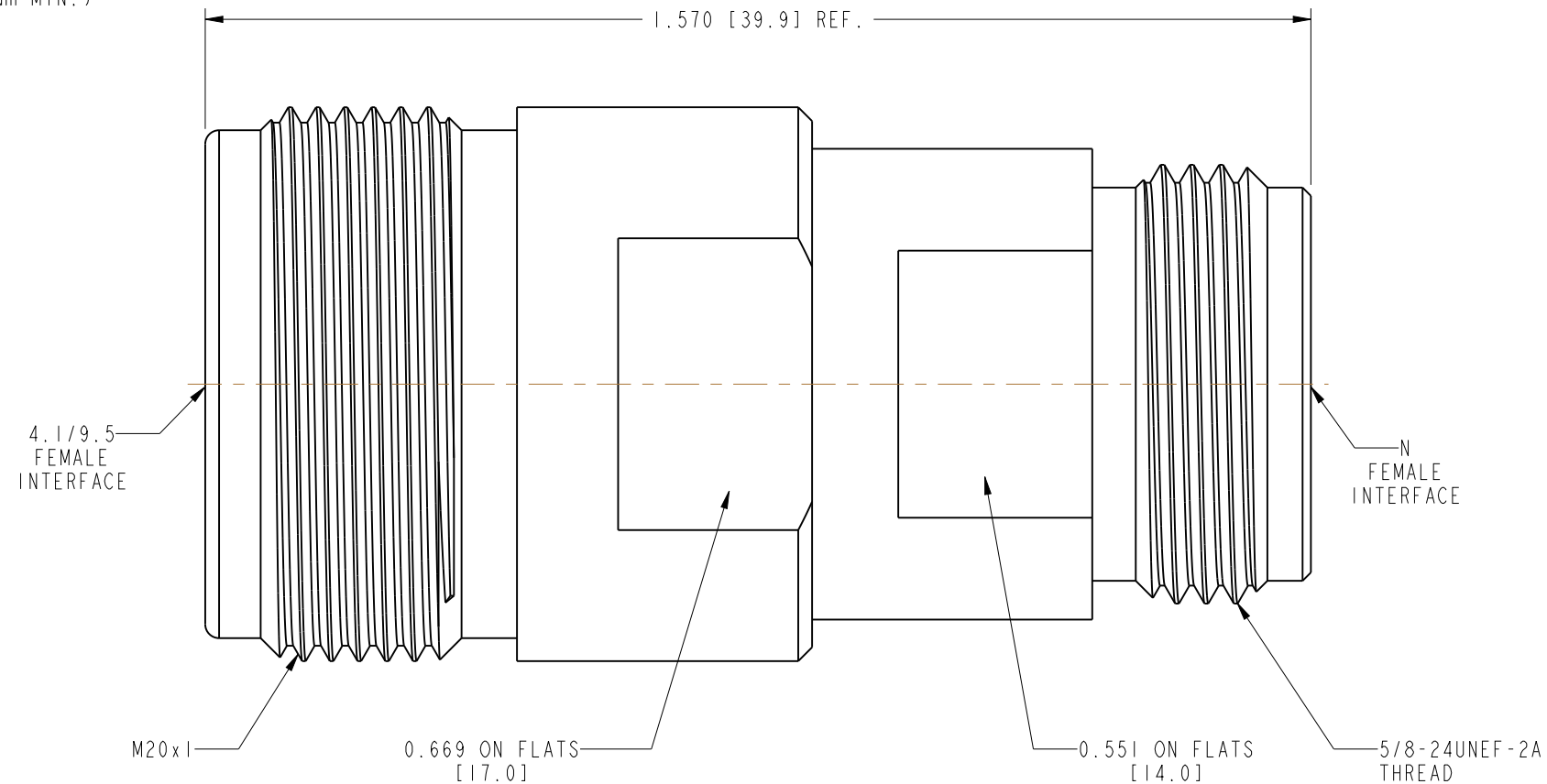
III. MATERIAL AND PLATING-

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

IV. ENVIRONMENTAL -

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

V. ROHS COMPLIANT



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 ± 0.015 (0,381 mm) ± 0.005 (0,127 mm) $\pm 1^\circ$ 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 furnishing 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 or 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 SEE NOTES	DRAWN A ARUN PRABU	DATE 05-Sep-13	TITLE 4.1/9.5 FEMALE TO N FEMALE ADAPTER			Amphenol Connex		
		ENGINEER A ARUN PRABU	DATE 05-Sep-13						
	REFERENCE	APPROVED B.C. GLEISSNER	DATE 11-Sep-13				SCALE: 4.0:1 SHEET 1 OF 1		
		CAD FILE				DWG SIZE B	DRAWING NO. 242280	REV A	