NOTES:

REFERENCE STANDARD IEC60169-4

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE	:	50 Ω
FREQUENCY RANGE	:	DC-3.0 GHz
VSWR	:	1.100 MAX.
INSERTION LOSS	:	0.100 dB MAX. (@3.0 GHz)
PIM	:	-165 dBc MAX. (2X43dBm)
INSULATION RESISTANCE	:	5000 MΩ MIN.
PROOF VOLTAGE	:	2500 VRMS
CONDUCTOR RESISTANCE	:	OUTER CONDUCTOR 0.5 mΩ MAX. INNER CONDUCTOR 1.0 mΩ MAX.

II. MECHANICAL PERFORMANCE -

RETENTION	:	7/16: 5.88 N MIN. 4.1/9.5: 4.00 N MIN.
AXIAL FORCE	:	200 N
NUT FORCE	:	20 N-m
MATING CYCLES	:	500 MIN.

III. MATERIAL AND PLATING -

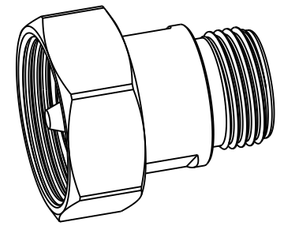
INNER CONDUCTOR	:	SPRING COPPER ALLOY, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR	:	BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
NUT	:	BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
INSULATOR	:	PTFE

IV. ENVIRONMENTAL -

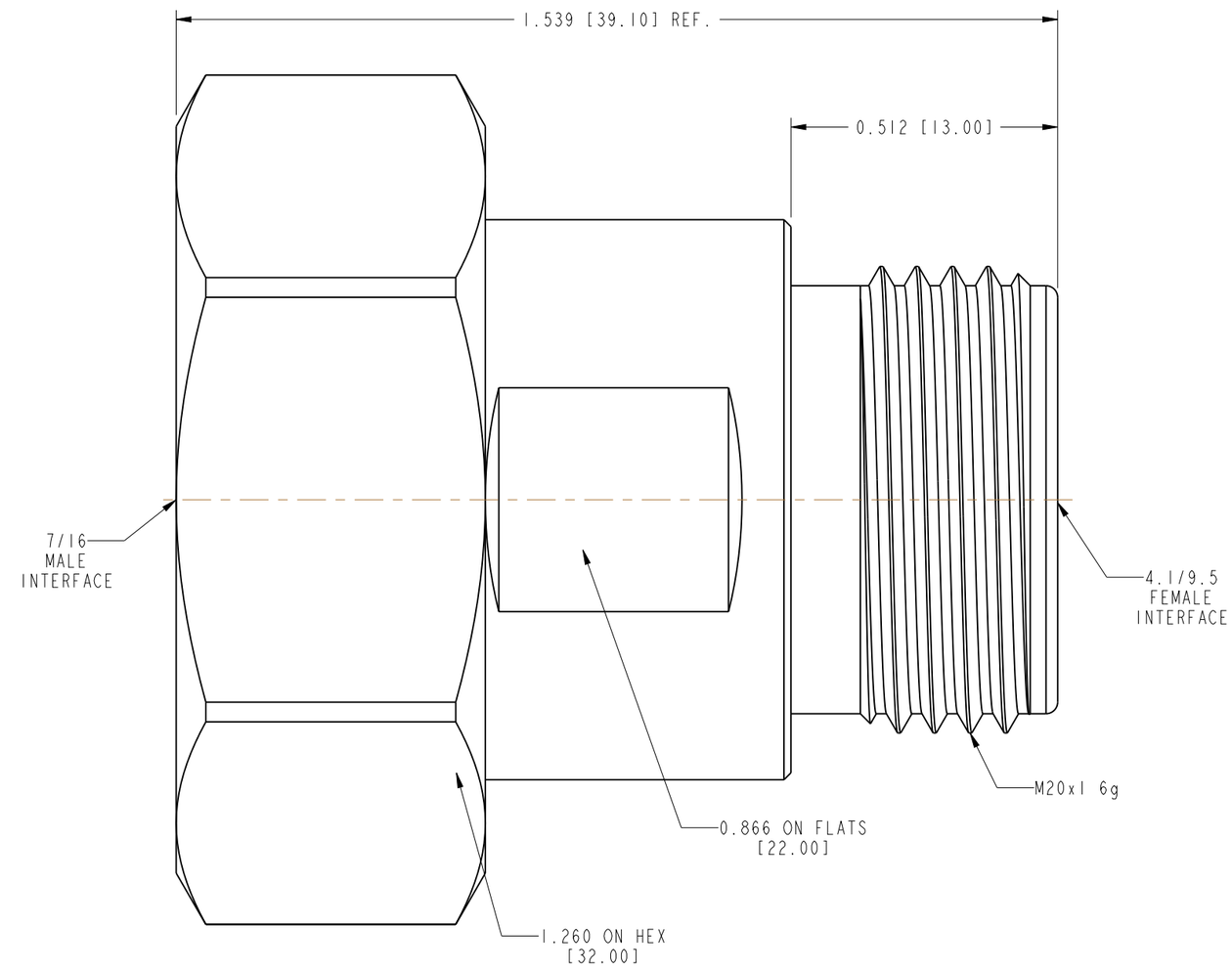
TEMP. RANGE	:	-40°C TO +85°C
WEATHER STANDARD	:	IEC 60068 40/ 85/ 21
THERMAL SHOCK	:	MIL-STD 202, METHOD 107, CONDITION B
VIBRATION	:	MIL-STD 202, METHOD 204, CONDITION B
SHOCK	:	MIL-STD 202, METHOD 213, CONDITION I

V. ROHS COMPLIANT

242277	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	11-Sep-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 ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 1°

MATERIAL: SEE NOTES	DRAWN: A ARUN PRABU	DATE: 05-Sep-13	TITLE: 7/16 MALE TO 4.1/9.5 FEMALE ADAPTER
REFERENCE:	ENGINEER: A ARUN PRABU	DATE: 05-Sep-13	Amphenol Connex
	APPROVED: B.C. GLEISSNER	DATE: 11-Sep-13	SCALE: 4.0:1 | SHEET 1 OF 1
	CAD FILE:	DWG SIZE: B	DRAWING NO.: 242277 | REV: A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:
242277