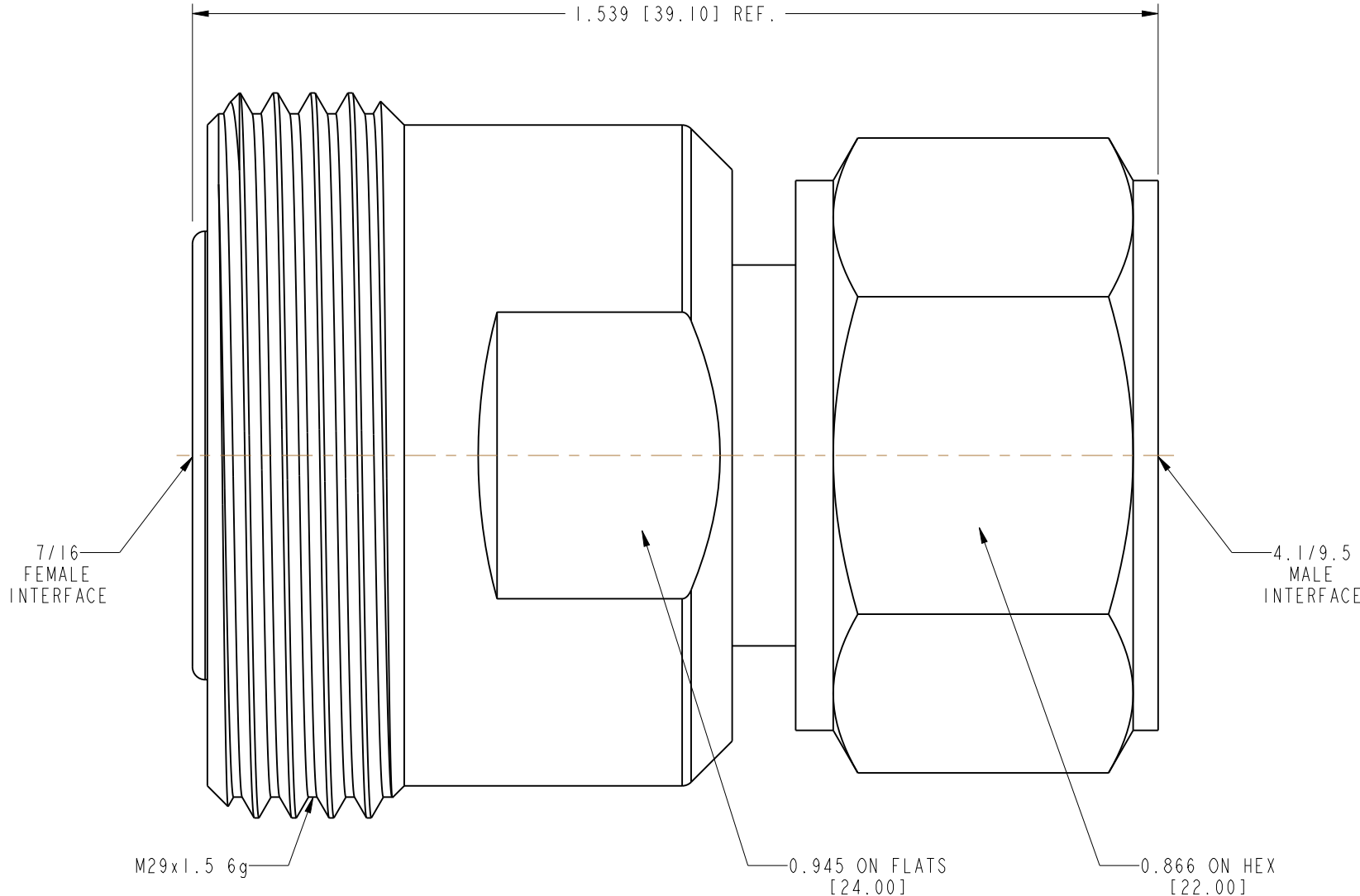
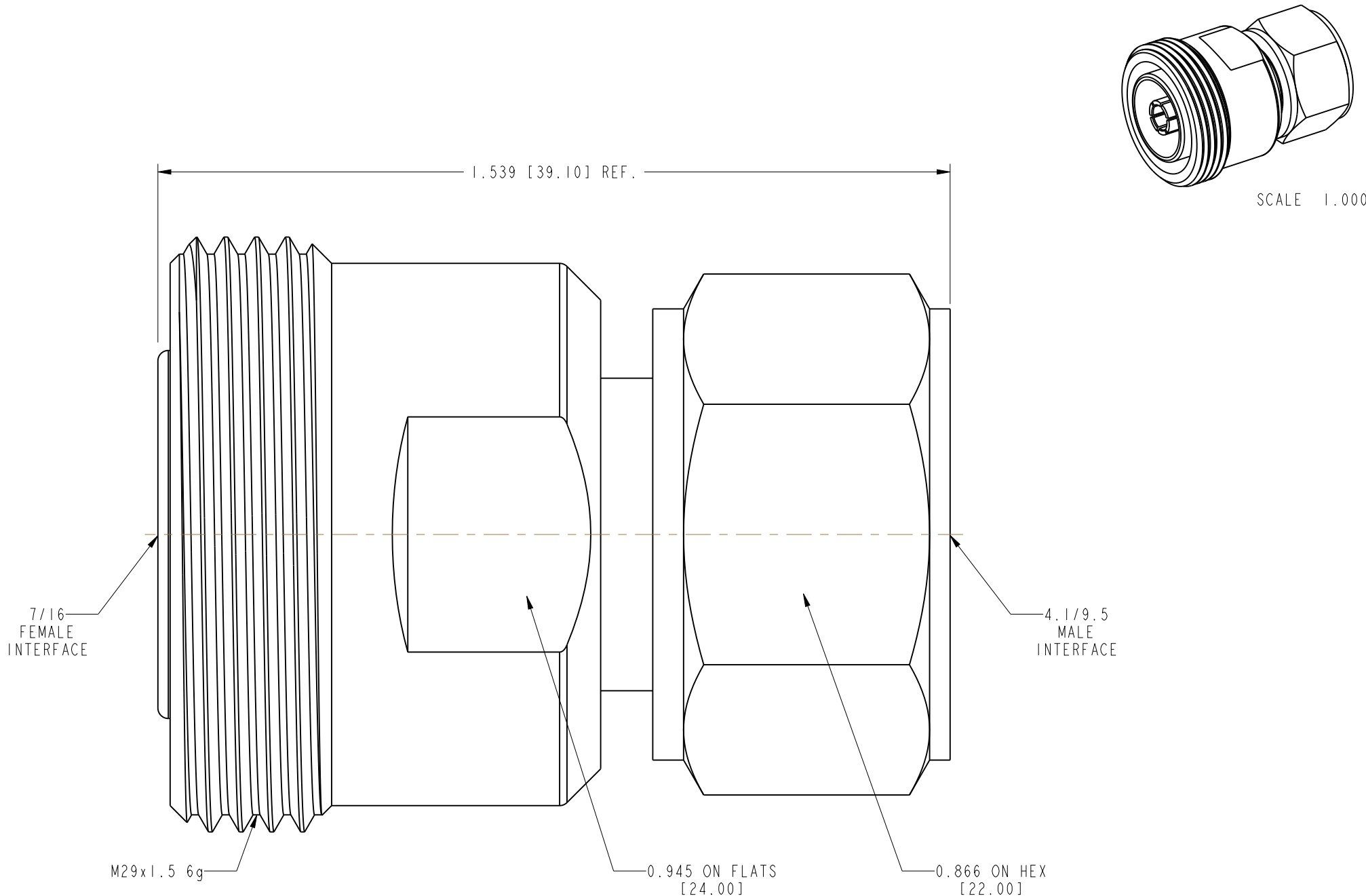
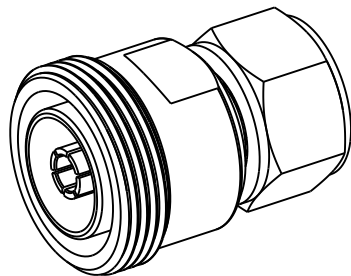


NOTE:  REFERENCE STANDARD IEC60169-4	242278		REVISIONS						
	DRAWING NO.	REV	DESCRIPTION		DATE	ECO	APPR		
I. ELECTRICAL PERFORMANCE -	THIRD ANGLE PROJ. 		A	RELEASE TO MFG.		11-Sep-13	--	KR/BCG	
<div><div><div>NOMINAL IMPEDANCE : 50 Ω</div><div>FREQUENCY RANGE : DC-3.0 GHz</div><div>VSWR : 1.100 MAX.</div><div>INSERTION LOSS : 0.100 dB MAX. (@ 3.0 GHz)</div><div>PIM : -165 dBc MAX. (2x43dBm)</div><div>INSULATION RESISTANCE : 5000 MΩ MIN.</div><div>D.W.V : 2500 VRMS</div><div>CONDUCTOR RESISTANCE : OUTER CONDUCTOR 0.5 mΩ MAX.</div><div>INNER CONDUCTOR 1.0 mΩ MAX.</div></div><div>II. MECHANICAL PERFORMANCE -</div><div>RETENTION : 7/16: 5.88 N MIN. 4.1/9.5: 4.00 N MIN.</div><div>AXIAL FORCE : 200 N</div><div>NUT FORCE : 10 N-m MIN. TO 12 N-m MAX.(4.1/9.5)</div><div>MATING CYCLES : 500 MIN.</div><div>III.MATERIAL AND PLATING -</div><div>INNER CONDUCTOR : SPRING COPPER ALLOY, PLATING = Ag (5µm MIN.)</div><div>OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)</div><div>NUT : BRASS, PLATING = NI (5µm MIN.)</div><div>INSULATOR : PTFE</div><div>IV. ENVIRONMENTAL -</div><div>TEMP. RANGE : -40°C TO +85°C</div><div>WEATHER STANDARD : IEC 60068 40/ 85/ 21</div><div>THERMAL SHOCK : MIL-STD 202, METHOD 107, CONDITION B</div><div>VIBRATION : MIL-STD 202, METHOD 204, CONDITION B</div><div>SHOCK : MIL-STD 202, METHOD 213, CONDITION I</div><div>V. ROHS COMPLIANT</div></div>									  <div>SCALE 1.000</div>
<div><div>CUSTOMER OUTLINE DRAWING</div><div>ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY</div></div>									
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL		DRAWN	DATE	TITLE 7/16 FEMALE TO 4.1/9.5 MALE ADAPTER			Amphenol Connex	
	SEE NOTES		KARTHIK R	05-Sep-13					
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.	REFERENCE		ENGINEER	DATE					
			KARTHIK R	05-Sep-13					
			APPROVED	DATE					
		B.C. GLEISSNER		11-Sep-13					
			CAD FILE		DWG SIZE	DRAWING NO.		REV	
					B	242278		A	

# Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[242278](#)