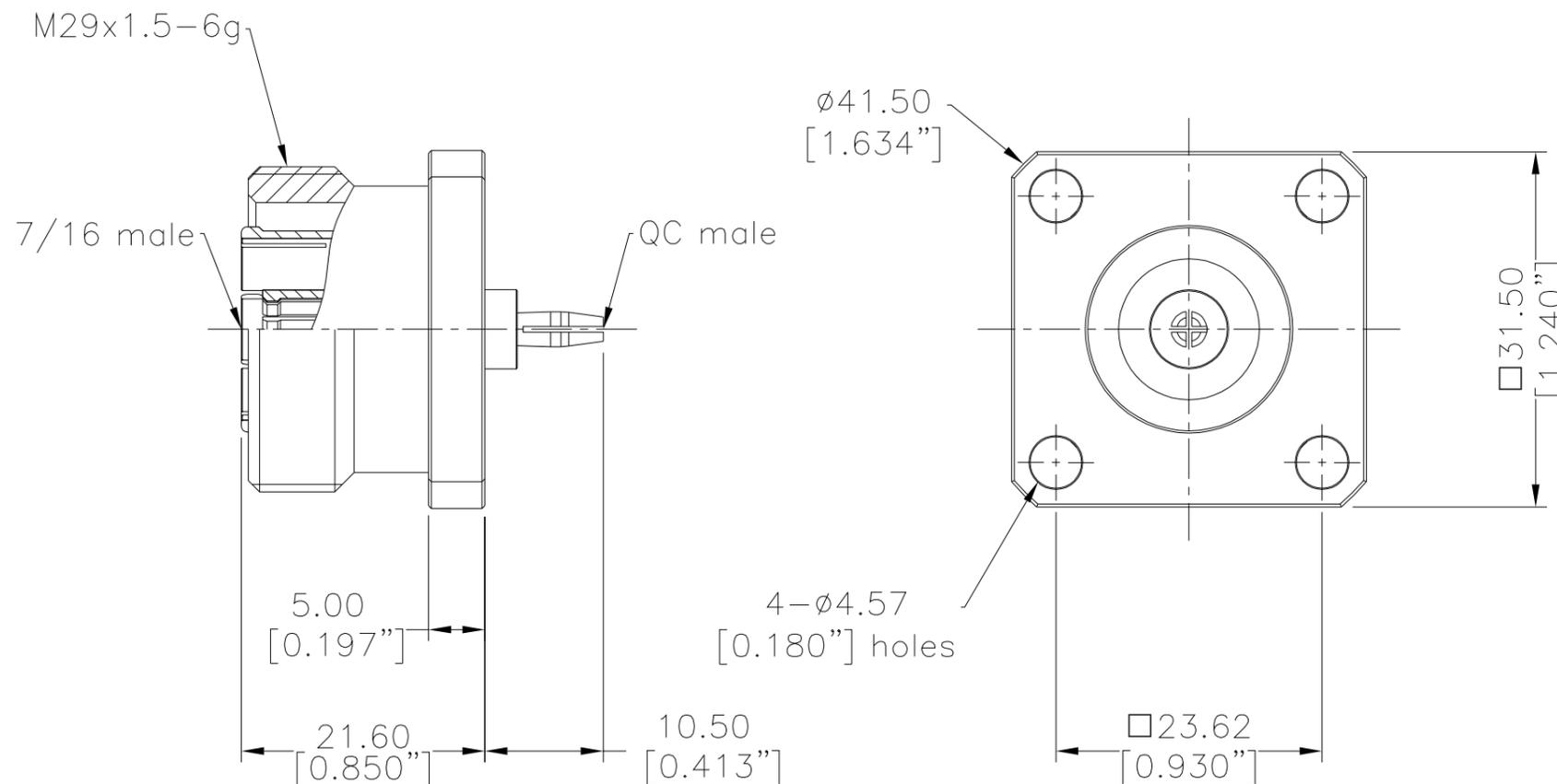


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
A	PRELIMINARY RELEASED	Patrick	2021/05/10	Tony	2021/05/10



I. MATERIALS & FINISHES

Components	Materials	Finishes	Thk. (μ")
Body	Brass	Albaloy	100
Contact Pin	Beryllium Copper	Silver	200
Outer Contact	Phosphor Bronze	Albaloy	100
Insulator	PTFE	--	--

II. ELECTRICAL PROPERTIES

Impedance:	50 Ω
Frequency Range:	DC to 2.5 GHz
Voltage Rating:	2000 V rms
Dielectric Withstanding Voltage:	5000 V rms
Insulation Resistance:	≥10000 MΩ
VSWR:	≤1.20
Insertion Loss:	-0.1x√f(GHz) dB

III. ENVIRONMENTAL PROPERTIES

Temperature Range:	-65°C to +165°C
Thermal Shock:	MIL-STD-202, Meth.107, Cond. B
Vibration:	MIL-STD-202, Meth.204, Cond. B
Shock:	MIL-STD-202, Meth.213, Cond. I
Climatic Class:	IEC 60068 40/155/21
RoHS:	Compliant

IV. MECHANICAL PROPERTIES

Coupling Nut Torque:	25-30 Nm
Durability:	500 Cycles

Interface Compatible with Standard:
IEC 61169-4 (7/16)
Times WI-RD-029 (QC)

V. TOOLINGS & ACCESSORIES

N/A

UNLESS OTHERWISE SPECIFIED		DFTM.	Patrick	 An Amphenol Company					
ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° D MAX. FILLET R. TOLERANCES ON DECIMALS .X ±0.15 .XX ±0.1 ANGLES ±2° FRACTIONS ± N/A		DATE	2021/05/10						
		CHKD	Monica						
		DATE	2021/05/10						
		APPD	Tony						
SCALE:	DWG SIZE:	DO NOT SCALE DRAWING	DATE	2021/05/10	SHT	1/1	3191-6139	REV	A

AD-716F-QCM-PM-2.5
7/16 Female to QC Male Straight Adapter