

I. MATERIALS & FINISHES

Components	Materials	Finishes	Thk. (μ")
Body	Brass	Albaloy	100
Contact Pin	Brass	Silver	200
Contact Pin	Beryllium Copper	Silver	200
Coupling Nut	Brass	Albaloy	100
Insulator	PTFE	--	--
Gasket	Silicone Rubber	--	--

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

V. TOOLINGS & ACCESSORIES

N/A

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

UNLESS OTHERWISE SPECIFIED		DFTM.	Patrick	 AD-716M-QCM-PM-2.5 7/16 Male to QC Male Straight Adapter with Retractable Coupling Nut		
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 3191-6282 REV A
N/A	A3					