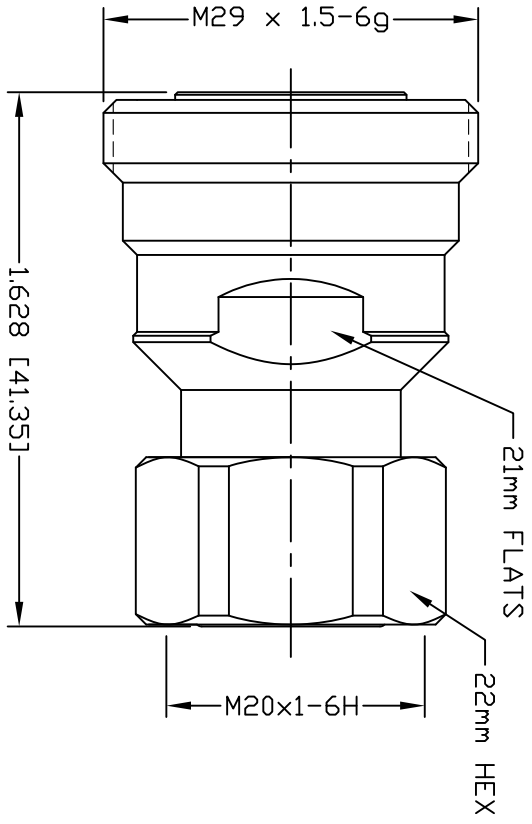


PART NO.		RFD-1688-4		
REV	DESCRIPTION	DWN	DATE	APPROVED
A	UPDATED ELECTRICAL SPECS	CZS	06/16/20	JDMc



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-6 GHz
 3rd ORDER IM: ≤-160dBc (RELATIVE TO CARRIER)
 3rd ORDER IM TEST METHOD: 2x43dBm CARRIERS
 VSWR: ≤1.15:1
 DIELECTRIC WITHSTANDING VOLTAGE: 2000V/AC
 INSULATION RESISTANCE: 1000MΩ
 DC TEST VOLTAGE: 2500V
 INNER CONTACT RESISTANCE: 1mΩ MAX
 OUTER CONTACT RESISTANCE: 1mΩ MAX
 COUPLING NUT PROOF TORQUE (7/16 DIN): 35N-m / 25 ft lbs
 COUPLING NUT PROOF TORQUE 4.3/10: 7N-m / 5 ft lbs
 AVERAGE POWER, INNER CONDUCTOR TEMPERATURE: 100°C / 212°F
 OPERATING TEMPERATURE: -40° to +155°
 INTERFACE DURABILITY: 100 CYCLES
 REGULATORY COMPLIANCE/CERTIFICATIONS: ROHS/IP68

NOTE: BOTH CONNECTORS WILL HAVE PROTECTIVE CAPS ON

#	DESCRIPTION	QTY	MATERIAL	FINISH
6	RETAINING RING	1	BRASS	WHITE BRONZE
5	COUPLING NUT	1	BRASS	WHITE BRONZE
4	O-RING	1	S.I. RUBBER	RED
3	INSULATOR	1	PTFE	WHITE
2	CONTACT	1	BeCu	SILVER
1	BODY	1	BRASS	WHITE BRONZE

CUSTOMER OUTLINE DRAWING
 ALL DIMENSIONS ARE REFERENCE ONLY
 UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

DRAWN	06/16/20
CHECKED	
ORD DRAWN	06/22/15
C. ZUÑIGA	

ROHS COMPLIANT
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7/16 DIN FEMALE TO 4.3/10 MALE ADAPTER

SCALE: NTS ENGINEERING ID: 000000 SHEET 1 OF 1

SIZE: A CABLE GROUP: N/A DWG NO: **RFD-1688-4** REVISION: A