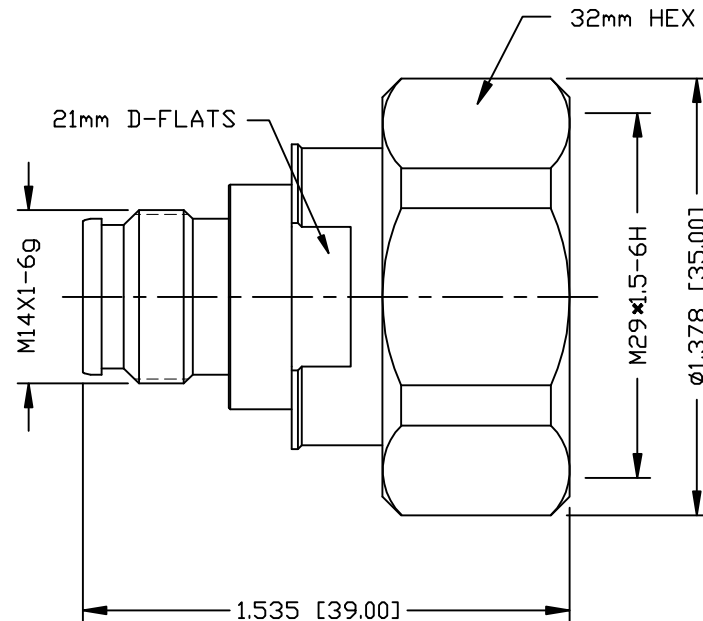


PART NO.

**RFD-225F-716M**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	07/17/20	JDMc
A	CHANGED GENERAL SPECIFICATIONS	DM	10/2/20	JDMc

**SPECIFICATIONS:**

INTERFACE: IEC61169-4/66

IMPEDANCE: 50 Ohms

FREQUENCY RANGE: 0-6 GHz

RETURN LOSS TYPICAL RESULTS:

0-3 GHz 30 dB

3-6 GHz 26 dB

3rd ORDER IM:  $\leq -165$  dBc @ 700 MHz & 1900 MHz

3rd ORDER IM TEST METHOD: 2x43 dBm CARRIERS

INSULATION RESISTANCE: 5000 M $\Omega$ 

TEMPERATURE RANGE: -40°C TO 100°C

DURABILITY: &gt;500 (7/16); &gt;100 (2.2/5) MATING CYCLES

MATING TORQUE: 25 Nm (7/16)

COMPLIANCE/CERTIFICATIONS: RoHS / IP68 MATED

NET WEIGHT: 0.205 lb

NOTE:

CONNECTOR WILL HAVE PROTECTIVE CAPS ON (NOT SHOWN)

7	PROTECTIVE CAP	2	PE	WHITE
6	GASKET	1	SI RUBBER	RED
5	RETAINING RING	1	SST	PASSIVATED
4	GROUND RING	1	PHOSPHOR BRONZE	CuSnZn ALLOY
3	CONTACT PIN	1	PHOSPHOR BRONZE	SILVER
2	INSULATOR	1	PTFE	---
1	BODY	1	BRASS	CuSnZn ALLOY
#	DESCRIPTION	QTY	MATERIAL	FINISH/COLOR

CUSTOMER  
OUTLINE DRAWINGALL DIMENSIONS  
ARE REFERENCE ONLYUNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
AND [MILLIMETERS]

DRAWN	D. McREYNOLDS	10/2/20
CHECKED		
ORJ DRAWN	C. ZUÑIGA	07/17/20

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**RFconnectors**  
DIVISION OF RF INDUSTRIES, LTD.

RFINDUSTRIES.COM  
7610 MIRAMAR RD.  
SAN DIEGO, CA 92126  
(858) 549-6340  
(858) 549-6345 FAX

**2.2/5 FEMALE TO  
7/16 DIN MALE ADAPTER**

CABLE GROUP	DWG #	REVISION
N/A	<b>RFD-225F-716M</b>	A
FORMAT	SCALE	CONTROL #
A	NTS	000000
SHEET 1 OF 1		