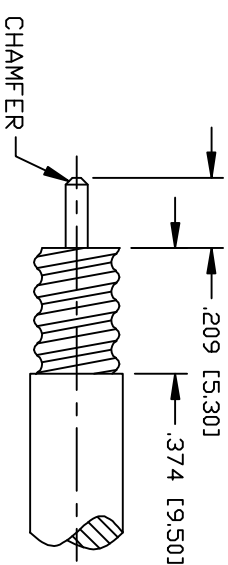
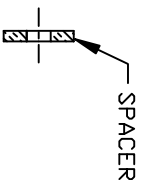
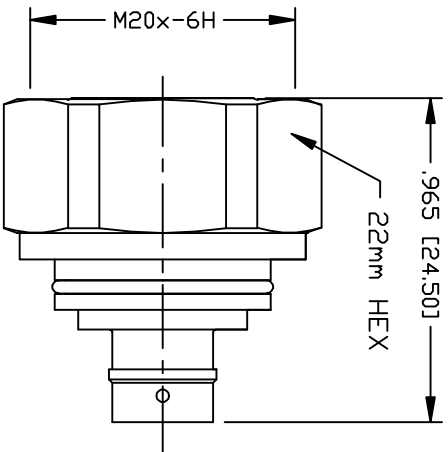


PART NO.		RFD-43MDCP-HPL		
REV	DESCRIPTION	DWN	DATE	APPROVED
—	REL	DM	11/01/15/20	JDM



RECOMMENDED STRIPING DIMENSIONS

USE COMPATIBLE TRIM TOOL SUCH AS MCPT-1412

SPECIFICATIONS:

INTERFACE: IEC61169-54
 IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-6 GHz
 INSERTION LOSS: -1 dB MAX
 RETURN LOSS: 31 dB DC-1000 MHz
 RETURN LOSS: 25 dB 1000-3000 MHz
 RETURN LOSS: 20 dB 3000-6000 MHz
 VSWR: <1.3:1 THRU 6 GHz
 3rd ORDER IM: ≤-161 dBc @ 700 MHz & 1900 MHz
 3rd ORDER IM TEST METHOD: 2x43 dBm CARRIERS
 DC TEST VOLTAGE: 2500 V @ SEA LEVEL
 INSULATION RESISTANCE: 5000 MΩ
 TEMPERATURE RANGE: -55°C TO 90°C
 COUPLING TORQUE: ≥ 3.7 FT-LB (≥5 Nm)
 MATING CYCLES: >100
 NET WEIGHT: 0.075 lb
 CERTIFICATIONS: RoHS
 ENVIRONMENTAL: IP68 MATED

USED ON: SPP-250-LLPP, SPO-250, SCF14-50J, SPF-250,
 FSJ1-50A, SCF14-50J, PTS1-50-P, TFT-401, EC1-50-HF

7	COUPLING NUT	1	BRASS	CUSnZn ALLOY
6	RETAINING RING	1	ALLOY STEEL	CUSnZn ALLOY
5	O-RING	1	SILICONE RUBBER	RED
4	SPACER	1	PTFE	NATURAL
3	INSULATOR	1	PTFE	NATURAL
2	CENTER CONDUCTOR	1	PHOSPHOR B.	SILVER
1	BODY	1	BRASS	CUSnZn ALLOY
#	DESCRIPTION	QTY	MATERIAL	FINISH

CUSTOMER OUTLINE DRAWING	
ALL DIMENSIONS ARE REFERENCE ONLY	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND [MILLIMETERS]	
DESIGNED BY C. ZUNIGA	10/15/20
CHECKED BY DAVID M.	2/10/20

PROPRIETARY AND CONFIDENTIAL THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES. ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES. ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.	
---	--

RF DIVISION OF RF INDUSTRIES, LTD. (858) 549-6345 FAX	
7610 MIRAMAR RD. SAN DIEGO, CA 92126 (858) 549-6340	
4.3/10 MALE CAPTIVATED CONTACT, DIRECT SOLDER	
SIZE A	CABLE GROUP HPL
DWG NO. RFD-43MDCP-HPL	REVISION —
SCALE: NTS	ENGINEERING ID: 2000055
SHEET 1	OF 1