

PART NO.

RFD-43MDCP-HPL

REV

DESCRIPTION

DWN

DATE

APPROVED

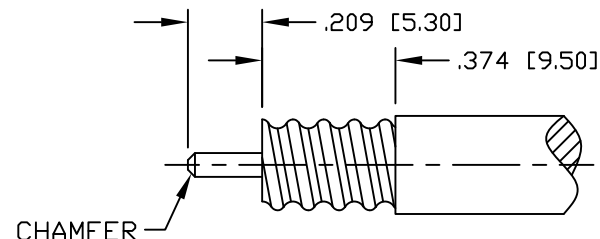
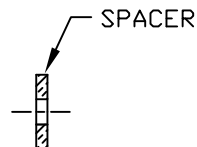
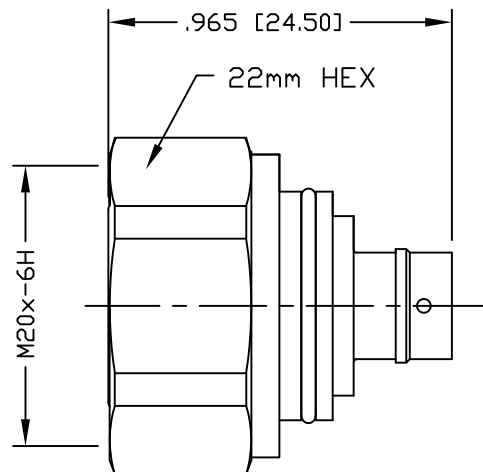
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UPDATED CBL LIST

CZ

03/23/23

JDM

RECOMMENDED STRIPING DIMENSIONSUSE COMPATIBLE TRIM TOOL SUCH AS MCPT-1412SPECIFICATIONS:

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, EC1-50-HFCUSTOMER
OUTLINE DRAWINGALL DIMENSIONS
ARE REFERENCE ONLYUNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
AND [MILLIMETERS]

DRAWN

C. ZUÑIGA

03/23/23

CHECKED

ORJ DRAWN

DAVID M.

2/10/20

**RoHS
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CAPTIVATED CONTACT, DIRECT SOLDER

DWG #

RFD-43MDCP-HPLCABLE GROUP
HPLCONTROL #
2000055SCALE
NTSFORMAT
ASHEET
1 OF 1REVISION
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7	COUPLING NUT	1	BRASS	CuSnZn
6	RETAINING RING	1	STEEL	CuSnZn
5	O-RING	1	SILICONE RUBBER	RED
4	SPACER	1	PTFE	NATURAL
3	INSULATOR	1	PTFE	NATURAL
2	CENTER CONDUCTOR	1	PHOSPHOR BRONZE	SILVER
1	BODY	1	BRASS	CuSnZn
#	DESCRIPTION	QTY	MATERIAL	FINISH