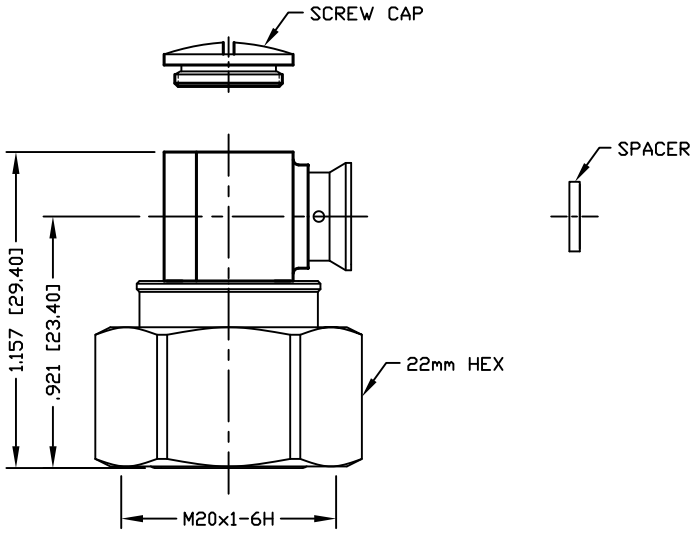
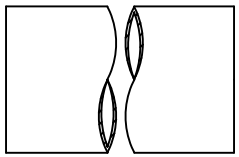
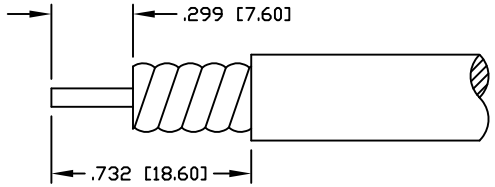
PART NO.	RFD-43MRA-HPL			
REV	DESCRIPTION	DWN	DATE	APPROVED
B	UPDATED SPECS	CZS	09/09/20	JDMc





TUBING NOT TO SCALE



RECOMMENDED STRIPING DIMENSIONS

USE OF CABLE TRIM TOOL IS RECOMMENDED
USE COMPATIBLE TRIM TOOL SUCH AS MCPT-1412

SPECIFICATIONS:

INTERFACE: IEC61169-54
IMPEDANCE: 50 Ohms
FREQUENCY RANGE: 0-6 GHz
MATING CYCLES: >100
COUPLING TORQUE: ≥ 3.7 FT-LB (≥5 Nm)
VSWR: <1.15:1 THRU 3 GHz
3rd ORDER IM: ≤-160 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
NET WEIGHT: 0.085 lb
CERTIFICATIONS: RoHS
ENVIRONMENTAL: IEC 60529, IPX8 (2.5 BAR, 1 HOUR)
IEC 61169-1 CLAUSE 9.4.6 48 HOUR SALT MIST, 35°C
USED ON: SPP-250-LLPP, SPO-250, SCF14-50J, SPF-250, FSJ1-50A, SCF14-50J, PTS1-50-P, TFT-401, EC1-50-HF

NOTE: ATTACH CABLE TO CONNECTOR BY SOLDERING THE CABLE INNER CONDUCTOR TO THE PIN SLOT INSIDE THE CONNECTOR

#	DESCRIPTION	QTY	MATERIAL	FINISH
9	SPACER	1	PTFE	NATURAL
8	TUBING	1	HEAT SHRINK	BLACK
7	SCREW CAP	1	BRASS	WHITE BRONZE
6	SHELL	1	BRASS	WHITE BRONZE
5	RETAINING RING	1	BeCu	WHITE BRONZE
4	O-RING	1	S.I. RUBBER	RED
3	INSULATOR	1	PTFE	NATURAL
2	PIN	1	BRASS	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	C. ZUNIGA	09/09/20
CHECKED		
ORJ DRAWN	C. ZUNIGA	10/27/16

RoHS COMPLIANT

RF connectors
DIVISION OF RF INDUSTRIES, LTD.
7610 MIRAMAR RD.
SAN DIEGO, CA 92126
(858) 549-6340
(858) 549-6345 FAX

4.3/10 MALE RIGHT ANGLE FOR 1/4" CABLE

SIZE	CABLE GROUP	DWG NO.	REVISION
A	HPL	RFD-43MRA-HPL	B

SCALE:	ENGINEERING ID:	SHEET 1 OF 1
NTS	000000	