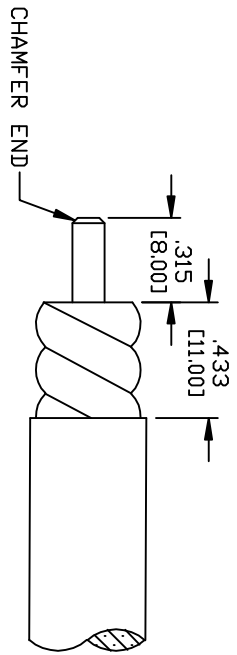
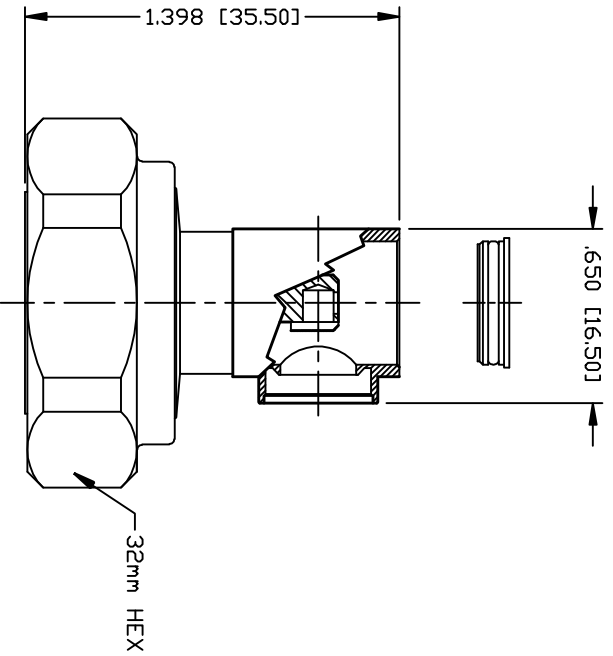


PART NO. **RFD-1610DS-H8**

REV	DESCRIPTION	DWN	DATE	APPROVED
—	ENGINEERING RELEASE	DM	11/2/20	JDM



RECOMMENDED STRIPPING DIMENSIONS
 SOLDER CABLE CONDUCTOR TO CONNECTOR INNER CONDUCTOR
 TO THE PIN CAVITY INSIDE THE CONNECTOR

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 INTERFACE: IEC 61169-4
 FREQUENCY RANGE: 0-7.5 GHz
 INSERTION LOSS: -0.1 dB MAX
 RETURN LOSS: 30 dB 0-700 MHz
 RETURN LOSS: 23 dB 700-5000 MHz
 RETURN LOSS: 19 dB 5-6 GHz
 3rd ORDER IM TEST METHOD: 2x43 dBm
 COUPLING TORQUE: 25 Nm MIN.
 CABLE RETENTION FORCE: 250 Nm
 ENVIRONMENTAL/COMPLIANCE: IP68 MATED / RoHS
 TEMPERATURE RANGE: -55°C +85°C
 DURABILITY: >500 MATING CYCLES
 DIELECTRIC WITHSTANDING VOLTAGE: 4000 VRMS SEA LEVEL
 INSULATION RESISTANCE: > 10,000 MΩ
 NET WEIGHT: 0.15 lb
 FOR FSJ2-50, LCF38-50J, LDF2-50, SCF38-50J, SPF-375,
 SPO-375 & SPP-375 CABLE

#	DESCRIPTION	QTY	MATERIAL	FINISH
1	Coupling Nut	1	BRASS	CuSnZn Alloy
3	Pin	1	BRASS	SILVER
2	Insulator	1	PTFE	NATURAL
1	Body	1	BRASS	CuSnZn Alloy

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

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7/16 DIN MALE R/A DIRECT SOLDER, FOR 3/8" SUPERFLEX

FORMATT	SCALE	CONTROL #	SHEET 1 OF 1
A	NTS	000000	
CABLE GROUP DWG #	REVISION		
H8			
RFD-1610DS-H8			