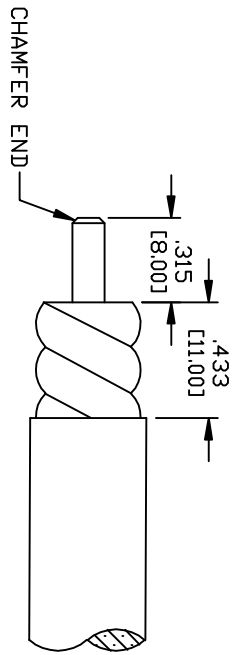
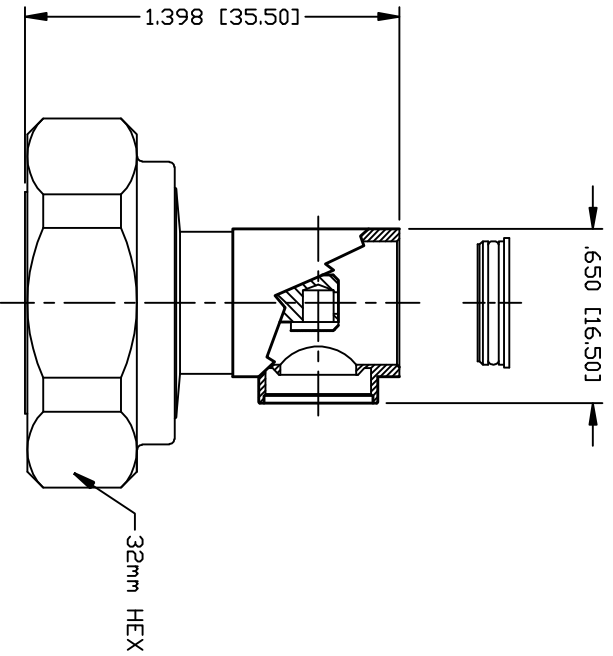


PART NO. **RFD-1610DS-H8**

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
2	Gasket	1	SILICONE	---
3	PIN	1	BRASS	SILVER
4	INSULATOR	1	PTFE	NATURAL
5	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**

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