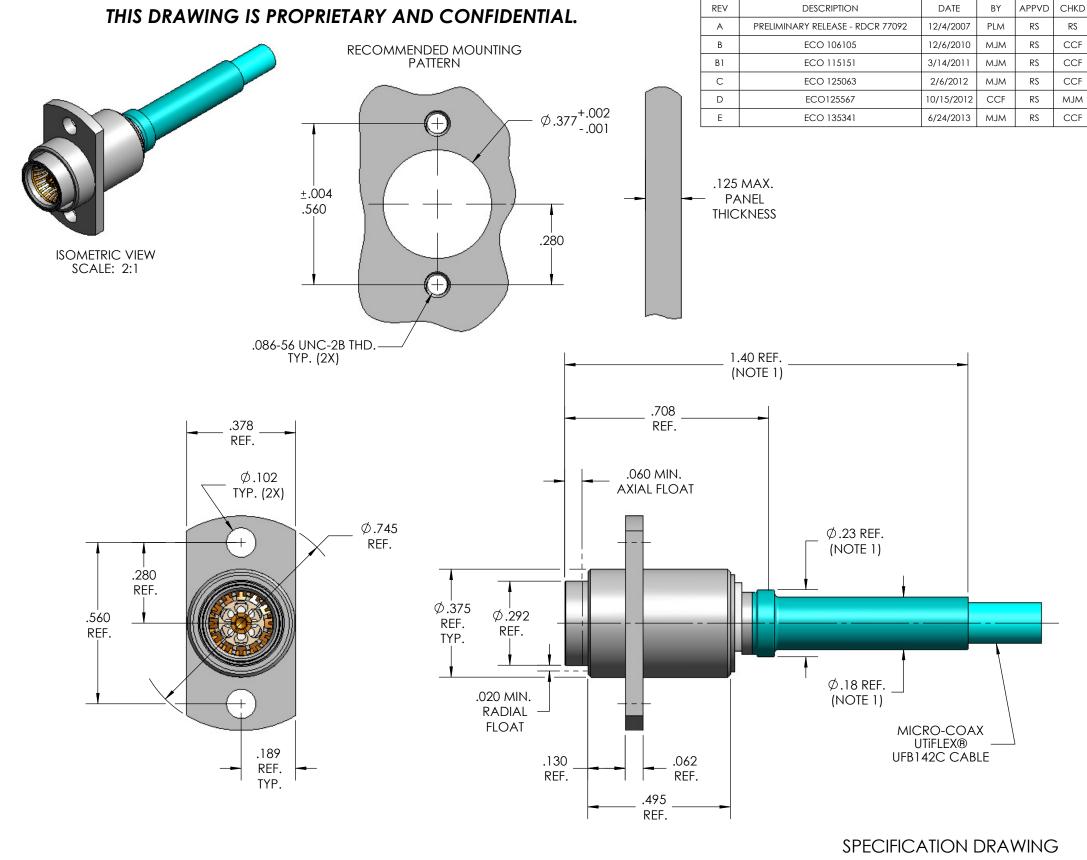
NTERFACE	MIL-STD-348, FIGURE 321.2	
SLANT SHEET	MIL-PRF-31031	
FLOAT MOUNT TRAVEL (AXIAL)	.060 IN. MAX	
FLOAT MOUNT SPRING FORCE @ .010	3.0 LBS. ±0.5 LBS.	
FLOAT MOUNT SPRING FORCE @ .050	3.7 LBS. ±0.5 LBS.	
FLOAT MOUNT SPRING FORCE @ .060	3.8 LBS. ±0.5 LBS.	
FORCE TO ENGAGE	3 LBS. MAX.	
FORCE TO DISENGAGE	1.5 LBS. MIN.	
AXIAL CONTACT RETENTION (FROM INTERFACE)		
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MAX.	
DURABILITY	100 CYCLES MIN.	
CABLE RETENTION	20 LBS. MIN.	
MASS	5.61 GRAMS NOM.	
ELECTRIC	CAL CHARACTERISTICS	
IMPEDENCE	50 Ohms NOM.	
MAXIMUM FREQUENCY	26.5 GHz	
VSWR DC - 1 GHz	1.07:1 MAX	
1 - 18 GHz	1.16:1 MAX	
18 - 26.5 GHz	1.20:1 MAX	
INSERTION LOSS	0.03 √F (GHz) dB MAX.	
DIELECTRIC WITHSTANDING VOLTAGE	950 Vrms for 30 Sec.	
INSULATION RESISTANCE	5000 MegaOhms MIN.	
RF LEAKAGE DC - 18 GHz	-65 dB MIN.	
CORONA  BE HIGH BOTENTIAL	250 Vrms MIN. @70,000 FEET	
RF HIGH POTENTIAL	625 Vrms MIN.	
CONTACT DEGICT AND COLUMN (IN IN IED)	2 O A AUGO In mag A A A V	
CONTACT RESISTANCE (OUTER)	3.0 MilliOhms MAX. 2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65 °C TO 125 °C	
CONTACT RESISTANCE (OUTER)  ENVIRONM  OPERATING TEMPERATURE  VIBRATION	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65 °C TO 125 °C  MIL-STD-202, METHOD 204, CONDITION D	
CONTACT RESISTANCE (OUTER)  ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I	
CONTACT RESISTANCE (OUTER)  ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)	
CONTACT RESISTANCE (OUTER)  ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)	
CONTACT RESISTANCE (OUTER)  ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MAT	2.0 MilliOhms MAX.  ENTAL CHARACTERISTICS  -65 °C TO 125 °C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MATI  HOUSING, SLEEVE, FRONT BODY, WASHERS	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC,	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MATI  HOUSING, SLEEVE, FRONT BODY, WASHERS  MAIN BODY	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, PH 15-7 MO (AMS 5520 OR	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MATI  HOUSING, SLEEVE, FRONT BODY, WASHERS  MAIN BODY  CRESENT RING	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, PH 15-7 MO (AMS 5520 OR EQUIVALENT), PASSIVATED  BERYLLIUM COPPER, ASTM-B-196, UNS NO. C17300, GOLD	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION  MATI  HOUSING, SLEEVE, FRONT BODY, WASHERS  MAIN BODY  CRESENT RING  CONTACT, FLEA	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, PH 15-7 Mo (AMS 5520 OR EQUIVALENT), PASSIVATED  BERYLLIUM COPPER, ASTM-B-196, UNS NO. C17300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER MIL-DTL-	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MATI  HOUSING, SLEEVE, FRONT BODY, WASHERS  MAIN BODY  CRESENT RING  CONTACT, FLEA  SPRING WASHER, FRONT SPRING	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, PH 15-7 Mo (AMS 5520 OR EQUIVALENT), PASSIVATED  BERYLLIUM COPPER, ASTM-B-196, UNS NO. C17300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  BERYLLIUM COPPER, ASTM-B-194, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, NON-MAGNETIC, 17-7 PH SS COND. C (CH-900) PER AMS 5678, PASSIVATED PER	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK  MOISTURE RESISTANCE  CORROSION  MATI  HOUSING, SLEEVE, FRONT BODY, WASHERS  MAIN BODY  CRESENT RING  CONTACT, FLEA  SPRING WASHER, FRONT SPRING  SPRING  DIELECTRIC STOP, DIELECTRIC BEAD	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, PH 15-7 Mo (AMS 5520 OR EQUIVALENT), PASSIVATED  BERYLLIUM COPPER, ASTM-B-196, UNS NO. C17300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  BERYLLIUM COPPER, ASTM-B-194, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, NON-MAGNETIC, 17-7 PH SS COND. C (CH-900) PER AMS 5678, PASSIVATED PER ASTM-A-967	
ENVIRONM  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION  MATI  HOUSING, SLEEVE, FRONT BODY, WASHERS  MAIN BODY  CRESENT RING  CONTACT, FLEA  SPRING WASHER, FRONT SPRING  SPRING  DIELECTRIC STOP, DIELECTRIC BEAD	2.0 Milliohms MAX.  ENTAL CHARACTERISTICS  -65°C TO 125°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)  MIL-STD-202, METHOD 101, CONDITION B, 5%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  STEEL, CORROSION RESISTANT, COND. A, NON-MAGNETIC, ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, PH 15-7 Mo (AMS 5520 OR EQUIVALENT), PASSIVATED  BERYLLIUM COPPER, ASTM-B-196, UNS NO. C17300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  BERYLLIUM COPPER, ASTM-B-194, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  STEEL, CORROSION RESISTANT, NON-MAGNETIC, 17-7 PH SS COND. C (CH-900) PER AMS 5678, PASSIVATED PER ASTM-A-967  POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205	



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