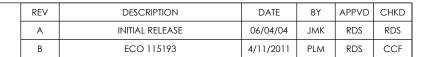
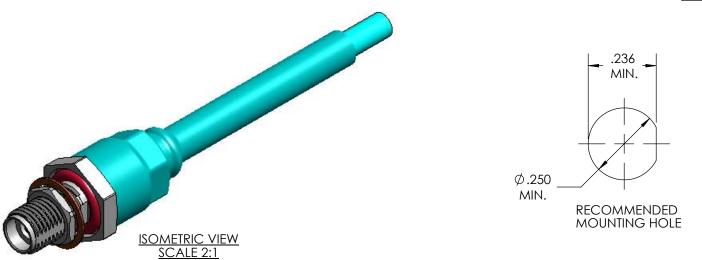
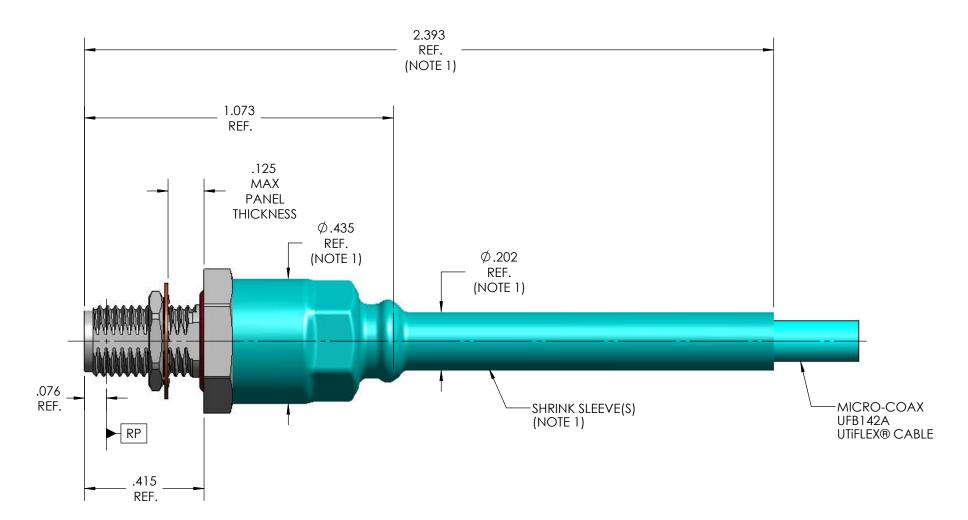
MECHANI			
INTERFACE	MIL-STD-348, FIGURE 323.2		
SLANT SHEET	IEEE P287/D3		
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.		
CENTER CONTACT INSERTION (INTERFACE)	2 LBS. MIN.		
CENTER CONTACT WITHDRAWL (INTERFACE)	1 Oz. MIN.		
FORCE TO ENGAGE	2 LBS. MAX.		
FORCE TO DISENGAGE	2 LBS. MAX.		
DURABILITY	500 CYCLES MIN.		
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.		
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MAX.		
CABLE RETENTION	10 LBS. MIN.		
MASS	8.62 GRAMS NOM. (WITH C'NUT AND C'RING)		
ELECTRIC	AL CHARACTERISTICS		
IMPEDANCE	50 Ohms NOM.		
MAXIMUM FREQUENCY	40 GHz		
VSWR DC - 18 GHz	1.16:1 MAX.		
18 - 40GHz	1.20:1 MAX		
INSERTION LOSS	0.03 √F (GHz)dB MAX.		
DIELECTRIC WITHSTANDING VOLTAGE	900 Vrms MIN.		
INSULATION RESISTANCE	5000 MegaOhms MIN.		
RF LEAKAGE DC - 18 GHz	-90 dB MIN.		
	300 Vrms MIN. @ 70,000 FEET		
CORONA	800 Vrms MIN.		
CORONA RF HIGH POTENTIAL			
RF HIGH POTENTIAL			
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER)	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX.		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX.		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER)	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°C		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°C MIL-STD-202, METHOD 204, CONDITION D		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55 °C TO 150 °C MIL-STD-202, METHOD 204, CONDITION D MIL-STD-202, METHOD 213, CONDITION I		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°C MIL-STD-202, METHOD 204, CONDITION D MIL-STD-202, METHOD 213, CONDITION I MIL-STD-202, METHOD 107, CONDITION B		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55 °C TO 150 °C MIL-STD-202, METHOD 204, CONDITION D MIL-STD-202, METHOD 213, CONDITION I		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°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)		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55 °C TO 150 °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, PER ASTM-A-582, UNS NO.		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION MATE	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°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, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION MATE	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°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, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967 SILICONE RUBBER PER ZZ-R-765 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204,		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION MATE BODY, CLAMP NUT, LOCK NUT, & SLEEVE O-RING	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°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, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967 SILICONE RUBBER PER ZZ-R-765 BERYLLIUM COPPER, ASTM-B-196		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION MATE BODY, CLAMP NUT, LOCK NUT, & SLEEVE O-RING CONTACT	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°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, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967 SILICONE RUBBER PER ZZ-R-765 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION MATE BODY, CLAMP NUT, LOCK NUT, & SLEEVE O-RING CONTACT DIELECTRIC BEAD	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 2.55°C TO 150°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% CRIALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967 SILICONE RUBBER PER ZZ-R-765 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERMIDE THERMOPLASTIC, PER ASTM-D-5205 TIN BRASS (UNS C42500) PER ASTM-B-591 OR PHOSPHOR BRONZE (C5191R-H), PER JIS H3110, GOLD PLATE PER MIL-DTL-45204, OVER		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION MATE BODY, CLAMP NUT, LOCK NUT, & SLEEVE O-RING CONTACT DIELECTRIC BEAD LOCK WASHER CONTACT RING	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. ENTAL CHARACTERISTICS -55°C TO 150°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, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967 SILICONE RUBBER PER ZZ-R-765 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERMIDE THERMOPLASTIC, PER ASTM-D-5205 TIN BRASS (UNS C42500) PER ASTM-B-591 OR PHOSPHOR BRONZE (C5191R-H), PER JIS H3110, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER MIL-DTL-45204, OVER		
RF HIGH POTENTIAL CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER) ENVIRONME ENVIRONME OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE CORROSION MATE BODY, CLAMP NUT, LOCK NUT, & SLEEVE O-RING CONTACT DIELECTRIC BEAD LOCK WASHER CONTACT RING	800 Vrms MIN. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 3.0 MilliOhms MAX. 2.55°C TO 150°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, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967 SILICONE RUBBER PER ZZ-R-765 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERMIDE THERMOPLASTIC, PER ASTM-D-5205 TIN BRASS (UNS C42500) PER ASTM-B-591 OR PHOSPHOR BRONZE (C5191R-H), PER JIS H3110, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 BRASS PER ASTM-B-16 GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290		

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