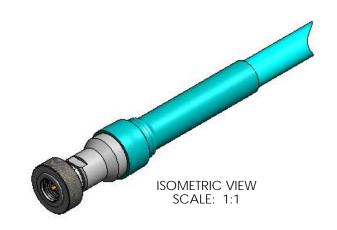
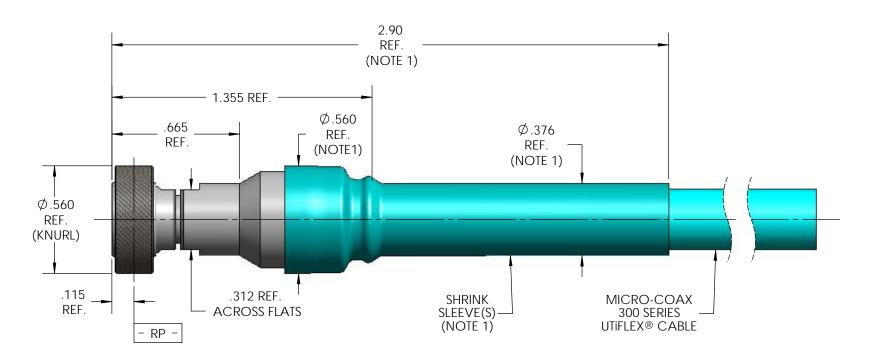
IVIECTIANIC	AL CHARACTERISTICS
NTERFACE	MIL-STD-348, FIGURE 310-1
N ACCORDANCE WITH THE INTENT OF SLANT SHEET	<u> </u>
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS. MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CENTER CONTACT INSERTION (FROM CABLE)	3 LBS. MAX
CENTER CONTACT WITHDRAW (FROM CABLE)	1 Oz. MIN.
CABLE RETENTION	50 LBS. MIN.
MASS	MASS = 17.17 GRAMS NOM.
ELECTRICA	L CHARACTERISTICS
MPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.03 VF (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1350 Vrms MIN.
NSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	340 Vrms MIN. @ 70,000 FEET
rf high potential	900 Vrms MIN.
CONTACT RESISTANCE (INNER)	3.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
	2.0 MilliOhms MAX. ITAL CHARACTERISTICS
ENVIRONMEN	ITAL CHARACTERISTICS
ENVIRONMEN OPERATING TEMPERATURE	NTAL CHARACTERISTICS -62 °C TO 165 °C
ENVIRONMEN OPERATING TEMPERATURE VIBRATION	JTAL CHARACTERISTICS -62°C TO 165°C MIL-STD-202, METHOD 204, CONDITION D
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK	-62 °C TO 165 °C MIL-STD-202, METHOD 204, CONDITION D MIL-STD-202, METHOD 213, CONDITION I
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK	-62 °C TO 165 °C MIL-STD-202, METHOD 204, CONDITION D MIL-STD-202, METHOD 213, CONDITION I MIL-STD-202, METHOD 107, CONDITION B
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK IHERMAL SHOCK CORROSION MOISTURE RESISTANCE	ITAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5%
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK IHERMAL SHOCK CORROSION MOISTURE RESISTANCE	-62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER	-62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300,
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER BODY, CLAMP NUT, & COUPLING NUT	JTAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER BODY, CLAMP NUT, & COUPLING NUT CONTACT	ITAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER BODY, CLAMP NUT, & COUPLING NUT CONTACT SNAP RING	ITAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 BERYLLIUM COPPER, PER ASTM-B-197
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER BODY, CLAMP NUT, & COUPLING NUT CONTACT SNAP RING INSULATOR & DIELECTRIC BEAD	JTAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 BERYLLIUM COPPER, PER ASTM-B-197 TFE FLUOROCARBON PER ASTM-B-197 SILICONE RUBBER PER ZZ-R-765 BRASS, PER ASTM-B-16 GOLD PLATE PER MIL-DTL-45204, OVER
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER BODY, CLAMP NUT, & COUPLING NUT CONTACT SNAP RING INSULATOR & DIELECTRIC BEAD GASKET CONTACT RING	ITAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 BERYLLIUM COPPER, PER ASTM-B-197 TFE FLUOROCARBON PER ASTM-B-197 SILICONE RUBBER PER ZZ-R-765 BRASS, PER ASTM-B-16
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER BODY, CLAMP NUT, & COUPLING NUT CONTACT SNAP RING INSULATOR & DIELECTRIC BEAD GASKET CONTACT RING AI	JTAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QO-N-290 BERYLLIUM COPPER, PER ASTM-B-197 TFE FLUOROCARBON PER ASTM-B-197 TFE FLUOROCARBON PER ASTM-D-1710 SILICONE RUBBER PER ZZ-R-765 BRASS, PER ASTM-B-16 GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 PPLICATION
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MOISTURE RESISTANCE MATER BODY, CLAMP NUT, & COUPLING NUT CONTACT SNAP RING INSULATOR & DIELECTRIC BEAD GASKET CONTACT RING	JTAL CHARACTERISTICS -62 °C TO 165 °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 101, CONDITION B, 5% MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION) IALS AND FINISH STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967 BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-Q-N-290 BERYLLIUM COPPER, PER ASTM-B-197 TFE FLUOROCARBON PER ASTM-B-197 TFE FLUOROCARBON PER ASTM-D-1710 SILICONE RUBBER PER ZZ-R-765 BRASS, PER ASTM-B-16 GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290

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