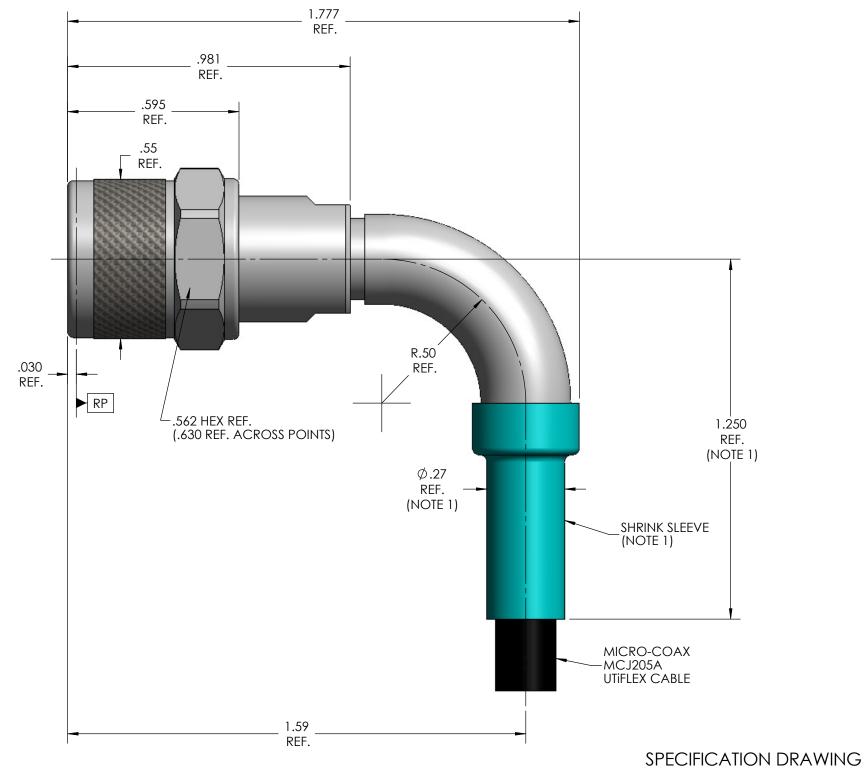
ANT SHEET  N/A  COMMENDED MATING TORQUE  9 IN-LBS NOM.  OUPLING PROOF TORQUE  15 IN-LBS. MIN.  BOUPLING PROOF TORQUE  15 IN-LBS. MIN.  BOUPLING PROOF TORQUE  16 IN-LBS. MIN.  BOCKETO ENCAGE  2 LBS. MIN.  BOCKETO DISENGAGE  2 LBS. MIN.  SOO CYCLES MIN.  SOO CYCLES MIN.  SABILITY  SOO CYCLES MIN.  SABLE RETENTION  ABLE RETENTION  ABLE RETENTION  ASS  22.01 GRAMS NOM.  ELECTRICAL CHARACTERISTICS  FELECTRICAL CHARACTERISTICS  FELECTRIC WITHSTANDING VOLTAGE  1175 YIMAX.  12-4 GHz - 18 GHz  1-20:1 MAX.  12-4 GHz - 18 GHz  175 YIMAX  SERTION LOSS  10-4 F (GHz) dB MAX.  ELECTRIC WITHSTANDING VOLTAGE  1175 YIMAX MIN.  SERTION RESISTANCE  FELECTRIC WITHSTANDING VOLTAGE  1175 YIMAX  SOO VITES MIN.  FELECTRIC WITHSTANDING VOLTAGE  1175 YIMAX  SOO VITES MIN.  FELECTRIC WITHSTANDING VOLTAGE  100 WITHSTANDING VOLTAGE  100 WITHSTANDING VOLTAGE  100 WITHSTANDING VOLTAGE  FELECTRIC WITHSTANDING VOLTAGE  1175 YIMAX.  100 WITHSTANDING VOLTAGE  1175 YIMAX.  1175 YIMA	INTERFACE SLANT SHEET RECOMMENDED MATING TORQUE COUPLING PROOF TORQUE COUPLING NUT RETENTION	
COMMENDED MATING TORQUE  OUPLING PROOF TORQUE  15 IN-LBS NOM.  OUPLING PROOF TORQUE  15 IN-LBS MIN.  OUPLING PROOF TORQUE  15 IN-LBS MIN.  OUPLING PROOF TORQUE  15 IN-LBS MIN.  OUPLING PROOF TORQUE  2 LBS MIN.  ORCE TO DISENGAGE  2 LBS MIN.  SON CYCLES MIN.  KIAL CONTACT RETENTION  6 LBS MIN. (BOTH DIRECTIONS)  ABLE RETENTION  20 LBS MIN.  22.01 GRAMS NOM.  ELECTRICAL CHARACTERISTICS  FEDANCE  50 Ohms NOM.  AXIMUM FREQUENCY  18 GHz  SWR DC - 12.4 GHz  1.15:1 MAX.  12.4 GHz - 18 GHz  1.12:1 MAX.  12.4 GHz - 18 GHz  1.175 Yms MIN.  SULATION RESISTANCE  5000 MegaOhms MIN.  ELECTRIC WITHSTANDING VOLTAGE  1175 Vms MIN.  ONTACT RESISTANCE (INNER)  4.0 MIIIOhms MAX.  ELECTRIC STANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  -100°C TO 150°C  BRATION  MIL-STD-202, METHOD 213, CONDITION I  SERVAL SAND FINISH  MATERIALS AND FINISH  STEEL CORROSION RESISTANT,  ASTIM-A-982, LINS NO. \$30300,  PASSIVATED PER ASTIM-B-196,  GOLD PLATED PER MIL-DIT. 45204, OVER  NICKEL PLATE PER MIL-D	RECOMMENDED MATING TORQUE	1:4::
OUPLING PROOF TORQUE  15 IN-LBS, MIN.  OUPLING NUT RETENTION  60 IN-LBS, MIN.  50 IN-LBS, MIN.  61 IBS, MIN.  61 IBS, MIN.  62 IBS, MIN.  62 IBS, MIN.  63 IBS, MIN.  64 IBS, MIN.  65 IBS, MIN.  65 IBS, MIN.  66 IBS, MIN.  66 IBS, MIN.  67 IBS, MIN.  67 IBS, MIN.  68 IBS, MIN.  69 IBS, MIN.  69 IBS, MIN.  60 IBS, MIN.  60 IBS, MIN.  60 IBS, MIN.  61 IBS, MIN.  61 IBS, MIN.  61 IBS, MIN.  62 IBS, MIN.  62 IBS, MIN.  63 IBS, MIN.  64 IBS, MIN.  65 IBS, MIN.  66 IBS, MIN.  67 IBS, MIN.  67 IBS, MIN.  67 IBS, MIN.  68 IBS, MIN.  68 IBS, MIN.  68 IBS, MIN.  69 IND.  60 IBS, MIN.  60 IND.		9 IN-LBS NOM.
OUPLING NUT RETENTION  ### ACT OF ENGAGE    2 LBS. MAX.	COUPLING NUT RETENTION	
DRCE TO DISENGAGE  2 LBS. MAX.  DRCE TO DISENGAGE  2 LBS. MIN.  500 CYCLES MIN.  500 CYCLES MIN.  ASLE CONTACT RETENTION  20 LBS. MIN.  ASS.  22.01 GRAMS NOM.  ELECTRICAL CHARACTERISTICS  BEDANCE  50 Ohms NOM.  ELECTRICAL CHARACTERISTICS  BEDANCE  50 Ohms NOM.  ASMIN PREQUENCY  18 GHz  1.2.4 GHz  1.1.5:1 MAX.  12.4 GHz - 18 GHz  1.2.5:1 MAX.  SERTION LOSS  0.04 °F (GHz) dB MAX.  ELECTRIC WITHSTANDING VOLTAGE  1175 Vrms MIN.  SULATION RESISTANCE  5000 MegaOhms MIN.  ELEAKAGE DC - 18 GHz  90 dB  00RONA  1-HIGH POTENTIAL  775 Vrms MIN.  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  -100 °C TO 150 °C  BRATION  MIL-STD-202, METHOD 213, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASSIVATED PER MISH-3692, UNS NO. \$303000, PASSIVATED PER MISH-369		
DRABILITY SOO CYCLES MIN.  JRABILITY SOO CYCLES MIN.  JRABILITY SOO CYCLES MIN.  JED CONTACT RETENTION & LBS. MIN. (BOTH DIRECTIONS)  20 LBS. MIN. (BOTH DIRECTIONS)  21 LBS. MIN. (BOTH DIRECTIONS)  22 LBS. MIN. (BOTH DIRECTIONS)  23 LBS. MIN. (BOTH DIRECTIONS)  24 LBS. MIN. (BOTH DIRECTIONS)  25 LBS. MIN. (BOTH DIRECTIONS)  26 LBS. MIN. (BOTH DIRECTIONS)  27 LBS. MIN. (BOTH DIRECTIONS)  28 LBS. MIN. (BOTH DIRECTIONS)  29 LBS. MIN. (BOTH DIRECTIONS)  20 LBS. MIN. (BOTH DIRECTIONS)  ELECTRICAL CHARACTERISTICS  ELECTRICAL CHARACTERISTICS  50 Ohms NOM.  50 CHARACTERISTICS  50 Ohms NOM.  50 CHARACTERISTICS  50 Ohms NOM.  50 LBA MAX.  60 LB	FORCE TO ENGAGE	
SOUCYCLES MIN.  KIAL CONTACT RETENTION  & LBS. MIN. (BOTH DIRECTIONS)  ABLE RETENTION  ASS  20. LBS. MIN.  ASS  22.01 GRAMS NOM.  ELECTRICAL CHARACTERISTICS  FELECTRICAL CHARACTERISTICS  FELECTRIC MINESTANCE  SOUND MEGADON MIN.  FELECTRIC WITHSTANDING VOLTAGE  117.5 Vrms MIN.  SULLATION RESISTANCE  SOUND MEGADON MIN.  FELECTRIC WITHSTANDING VOLTAGE  117.5 Vrms MIN.  FELECTRIC WITHSTANDING VOLTAGE  FELECTRIC WITHSTANDING  FELECTRIC WITHSTA	FORCE TO DISENGAGE	
ABLE RETENTION  ABLE RETENTION  ABLE RETENTION  ASS  20. LBS. MIN.  20. LBS. MIN.  20. LBS. MIN.  ASS  21.01 GRAMS NOM.  ELECTRICAL CHARACTERISTICS  BEDANCE  50. Ohms NOM.  AMMUM FREQUENCY  18. GHz  1.15:1 MAX.  12.4 GHz  1.2.4 GHz  1.5:1 MAX.  12.01 MAX.  SERTION LOSS  0.04 *F (GHz) dB MAX.  ELECTRIC WITHSTANDING VOLTAGE  1175 Vrms MIN.  SULATION RESISTANCE  5000 MegaOhms MIN.  **LEAKAGE DC - 18 GHz  ORONA  300 Vrms MIN. @ 70,000 FEET  **TIGH POTENTIAL  ONTACT RESISTANCE (INNER)  4.0 MIIIOhms MAX.  ENVIRONMENTAL CHARACTERISTICS   ENVIRONMENTAL CHARACTERISTICS   ENVIRONMENTAL CHARACTERISTICS   **ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  **ENVIRONMENTAL CHARACTERISTICS **ENVIRONMENTAL CHARACTERISTI	DURABILITY	
ASS 20.1 GRAMS NOM.  ELECTRICAL CHARACTERISTICS  ELECTRICAL CHARACTERISTICS  ELECTRICAL CHARACTERISTICS  ELECTRICAL CHARACTERISTICS  ELECTRICAL CHARACTERISTICS  ENDING DOLLAR SHOW.  ELECTRICAL CHARACTERISTICS  SOLOMIN NOM.  AXIMUM FREQUENCY  18 GHz  1.15:1 MAX.  12.4 GHz - 18 GHz  1.20:1 MAX.  ELECTRIC WITHSTANDING VOLTAGE  117:5 Vrms MIN.  SULATION RESISTANCE  ELECTRIC WITHSTANDING VOLTAGE  117:5 Vrms MIN.  SULATION RESISTANCE  FLEAKAGE DC - 18 GHz  ORONA  300 Vrms MIN. @ 70.000 FEET  FLEAKAGE DC - 18 GHz  ONTACT RESISTANCE (INNER)  4.0 MIIICOhms MAX.  ONTACT RESISTANCE (INNER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  -100 °C TO 150 °C  BEATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 107, CONDITION B, 5%  MATERIALS AND FINISH  STEEL CORROSION RESISTANT, ASTM-A-582, UNIS NO. S30300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER MI	AXIAL CONTACT RETENTION	
ELECTRICAL CHARACTERISTICS  PEDANCE  SPEDANCE  SO Ohms NOM.  AXIMUM FREQUENCY  18 GHz  1.15:1 MAX.  12.4 GHz - 18 GHz  1.20:1 MAX.  SERTION LOSS  OLO 4 *F (GHz) dB MAX.  ELECTRIC WITHSTANDING VOLTAGE  1175 Vms MIN.  SULATION RESISTANCE  SULATION RESISTANCE  FILEAKAGE DC - 18 GHz  ORONA  300 Vms MIN. @ 70,000 FEET  FILEH POTENTIAL  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (INNER)  ENVIRONMENTAL CHARACTERISTICS  PERATING TEMPERATURE  -100 *C TO 150 *C  BRAILON  MIL-STD-202, METHOD 213, CONDITION D  ECHANDA MIL-STD-202, METHOD 217, CONDITION B  ORROSION  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-582, UNIS NO. \$30300, PASSIVATED PER ASTM-A-5967  ONTACT & CONTACT RING  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	CABLE RETENTION	
ELECTRICAL CHARACTERISTICS  IPEDANCE  AXIMUM FREQUENCY  18 GHz  SWR DC - 12.4 GHz  1.15:1 MAX.  12.4 GHz - 18 GHz  1.20:1 MAX.  SERTION LOSS  0.04 VF (GHz) dB MAX.  ELECTRIC WITHSTANDING VOLTAGE  1175 Vrms MIN.  SULATION RESISTANCE  5000 MegaOhms MIN.  ELEAKAGE DC - 18 GHz  ORONA  300 Vrms MIN. @ 70,000 FEET  FIGH POTENTIAL  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  -100 °C TO 150 °C  BBRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 107, CONDITION B  MATERIALS AND FINISH  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-582, UNIS NO. \$30300, PASSIVALED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196  GOLD PLATED PER MIL-DIT-45204, OVER MIL-STD-196  GOLD PLATED PER MIL-DIT-45204  GOLD PLATED	MASS	
SO Ohms NOM.  AXIMUM FREQUENCY  18 GHz  1.15:1 MAX.  12.4 GHz - 18 GHz  1.20:1 MAX.  SERTION LOSS  0.04 \rightarrow [GHz] dB MAX.  SERTION LOSS  10.4 \rightarrow [GHz] dB MAX.  SELECTRIC WITHSTANDING VOLTAGE  1175 Vrms MIN.  SULATION RESISTANCE  5000 MegaOhms MIN.  - 100 dB  ORONA  300 Vrms MIN. @ 70,000 FEET  775 Vrms MIN.  ONTACT RESISTANCE (INNER)  4.0 Milliohms MAX.  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  - 100 \circ To 150 \circ  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MATERIALS AND FINISH  MATERIALS AND FINISH  ODY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, CONDITION B  ONTACT & CONTACT RING  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205		
AXIMUM FREQUENCY  SWR DC - 12.4 GHz  12.4 GHz - 18 GHz  12.4 GHz - 18 GHz  SERTION LOSS  0.04 VF (GHz) dB MAX.  SELECTRIC WITHSTANDING VOLTAGE  1175 Vrms MIN.  SULATION RESISTANCE  SO00 MegaOhms MIN.  ELEAKAGE DC - 18 GHz  ORONA  300 Vrms MIN. @ 70,000 FEET  FIGH POTENTIAL  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  FINITION MILISTO-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%   MATERIALS AND FINISH  ODY & COUPLING NUT  STEEL CORROSION RESISTANT, ASTM-A-596, GOLD PLATED PER MIL-MI-4-5204, OVER NICKEL PLATE PER AMS-QG-N-290  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	ELEC	CTRICAL CHARACTERISTICS
SWR DC - 12.4 GHz  12.4 GHz - 18 GHz  12.4 GHz - 18 GHz  12.4 GHz - 18 GHz  12.6 GHz - 18 GHz  13.00 Vrms MIN.  13.00 Vrms MIN.  14.0 MilliOhms MAX.  15.1 GHz - 16 GHz  16.0 GHz - 16 GHz  17.5 Vrms MIN.  17.5 Vrms MIN.  18.1 GHz - 18 GHz  19.0 GHz - 18 GHz  19.0 GHz - 18 GHz  19.0 GHz - 18 GHz  10.0 GHz	IMPEDANCE	50 Ohms NOM.
12.4 GHz - 18 GHz  SERTION LOSS  0.04 √F (GHz) dB MAX.  ELECTRIC WITHSTANDING VOLTAGE  1175 Vrms MIN.  SULATION RESISTANCE  5000 MegaOhms MIN.  ELEAKAGE DC - 18 GHz  ORONA  300 Vrms MIN. @ 70,000 FEET  HIGH POTENTIAL  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS   ENVIRONMENTAL CHARACTERISTICS   MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  HERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM8-582, UNS NO. \$30300, PASSIVATED PER ASTM9-67  BERYLLIUM COPPER, ASTM-8-196, GOLD PLATED PER MIL-DITL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	MAXIMUM FREQUENCY	18 GHz
SERTION LOSS  O.04 \( \frac{1}{F} \) (GHz) \( \text{db max}. \)  ELECTRIC WITHSTANDING VOLTAGE  SULATION RESISTANCE  FLEAKAGE DC - 18 GHz  ORONA  300 Vrms MIN. @ 70,000 FEET  HIGH POTENTIAL  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  -100 °C TO 150 °C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTMA-582, UNIS NO, S30300, PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	VSWR DC - 12.4 GHz	1.15:1 MAX.
SERTION LOSS  0.04 VF (GHz) dB MAX.  ELECTRIC WITHSTANDING VOLTAGE  1175 Vrms MIN.  SULATION RESISTANCE  5000 MegaOhms MIN.  ELEAKAGE DC - 18 GHz  ORONA  300 Vrms MIN. @ 70,000 FEET  HIGH POTENTIAL  ONTACT RESISTANCE (INNER)  4.0 MilliOhms MAX.  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  PERATING TEMPERATURE  -100°C TO 150°C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  HERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTMA-582, UNIS NO, S30300, PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMDE THERMOPLASTIC PER ASTM-D-5205		
ELECTRIC WITHSTANDING VOLTAGE  SULATION RESISTANCE  SULATION RESISTANCE  SULATION RESISTANCE  SULATION RESISTANCE  SOOO MegaOhms MIN.  FIGH POTENTIAL  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  FERATION  ENVIRONMENTAL CHARACTERISTICS  FERATION  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I  MIRMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT,  ASTM-A-582, UNS NO. 530300,  PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  BERYLLIUM COPPER, ASTM-B-196,  GOLD PLATED PER MIL-DIL-45204, OVER  NICKEL PLATE PER AMS-QQ-N-290  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	INSERTION LOSS	0.04 √F (GHz) dB MAX.
SULATION RESISTANCE  5000 MegaOhms MIN.  FLEAKAGE DC - 18 GHZ  ORONA  300 Vrms MIN. @ 70,000 FEET  775 Vrms MIN.  ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  -100°C TO 150°C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  IERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. 530300, PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	DIELECTRIC WITHSTANDING VOLTAGE	
ELEAKAGE DC - 18 GHz ORONA 300 Vrms MIN. @ 70,000 FEET 775 Vrms MIN. ONTACT RESISTANCE (INNER) ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  PERATING TEMPERATURE -100 °C TO 150 °C  BRATION MIL-STD-202, METHOD 204, CONDITION D ECHANICAL SHOCK MIL-STD-202, METHOD 213, CONDITION I MERMAL SHOCK MIL-STD-202, METHOD 107, CONDITION B ORROSION MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. \$30300, PASSIVATED PER ASTM-A-967 ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	INSULATION RESISTANCE	
ORONA  300 Vrms MIN. @ 70,000 FEET FIGH POTENTIAL  ONTACT RESISTANCE (INNER)  4.0 MilliOhms MAX.  ONTACT RESISTANCE (OUTER)  2.0 MilliOhms MAX.  ENVIRONMENTAL CHARACTERISTICS  FERATING TEMPERATURE  -100 °C TO 150 °C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  MERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. \$30300, PASSIVATED PER ASTM-A-767  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF LEAKAGE DC - 18 GHz	
FIGH POTENTIAL  ONTACT RESISTANCE (INNER)  4.0 Milliohms MAX.  ONTACT RESISTANCE (OUTER)  ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  PERATING TEMPERATURE  -100 °C TO 150 °C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S303300, PASSIVATED PER ASTM-A-967  BERFYLLIUM COPPER, ASTM-A-967  ONTACT & CONTACT RING  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205		
ONTACT RESISTANCE (INNER)  ONTACT RESISTANCE (OUTER)  2.0 Milliohms MAX.  ENVIRONMENTAL CHARACTERISTICS  PERATING TEMPERATURE  -100°C TO 150°C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  HERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. 330300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	CORONA	000 · · · · · · · · · · · · · · · · ·
ENVIRONMENTAL CHARACTERISTICS  ENVIRONMENTAL CHARACTERISTICS  PERATING TEMPERATURE  -100 °C TO 150 °C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  HERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%   MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205		775 Vrms MIN
ENVIRONMENTAL CHARACTERISTICS  PERATING TEMPERATURE  -100 °C TO 150 °C  BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  BERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%   MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. \$30300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL	
BRATION  MIL-STD-202, METHOD 204, CONDITION D  ECHANICAL SHOCK  MIL-STD-202, METHOD 213, CONDITION I  IERMAL SHOCK  MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%   MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. \$30300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)	4.0 MilliOhms MAX. 2.0 MilliOhms MAX.
MIL-STD-202, METHOD 213, CONDITION I MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 101, CONDITION B  MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER MMS-QQ-N-290  SULATOR, DIELECTRIC STOP  MIL-STD-202, METHOD 107, CONDITION B  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO	4.0 MilliOhms MAX. 2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS
MIL-STD-202, METHOD 107, CONDITION B  ORROSION  MIL-STD-202, METHOD 101, CONDITION B, 5%   MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRON  ENVIRON	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100°C TO 150°C
MATERIALS AND FINISH  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTIM-A-582, UNS NO. 330300, PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100 °C TO 150 °C  MIL-STD-202, METHOD 204, CONDITION D
MATERIALS AND FINISH  DDY & COUPLING NUT  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. \$30300, PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100 °C TO 150 °C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I
STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. \$30300, PASSIVATED PER ASTM-A-967  ONTACT & CONTACT RING  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100 °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
ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100°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
NICKEL PLATE PER AMS-QQ-N-290  SULATOR, DIELECTRIC STOP POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205	OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100°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 101, CONDITION B, 5%
	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100 °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 101, CONDITION B, 5%  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
JAP RING BERYLLIUM COPPER, PER ASTM-B-197	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION  BODY & COUPLING NUT	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DINMENTAL CHARACTERISTICS  -100°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 101, CONDITION B, 5%  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S303300, PASSIVATED PER ASTM-A-967  BERLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER
	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION  BODY & COUPLING NUT  CONTACT & CONTACT RING	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DINMENTAL CHARACTERISTICS  -100°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 101, CONDITION B, 5%  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S303300, PASSIVATED PER ASTM-A-967  BERLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER
STEEL, CORROSION RESISTANT, PER ASTM-A-269, UNS NO. S30400 (TP 304) OR S30403 (TP 304L), PASSIVATED PER ASTM-A-967	RF HIGH POTENTIAL  CONTACT RESISTANCE (INNER)  CONTACT RESISTANCE (OUTER)  ENVIRO  OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100°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 101, CONDITION B, 5%  MATERIALS AND FINISH  STEEL, CORROSION RESISTANT, ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290  POLYETHERIMIDE THERMOPLASTIC PER ASTM-D-5205
STEEL, CORROSION RESISTANT, PER ASTM-A-269,	HIGH POTENTIAL  NTACT RESISTANCE (INNER)  NTACT RESISTANCE (OUTER)  ENVIRO  ERATING TEMPERATURE  RATION  CHANICAL SHOCK  RMAL SHOCK	4.0 MilliOhms MAX.  2.0 MilliOhms MAX.  DNMENTAL CHARACTERISTICS  -100°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

## THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
Α	ECO 95372	6/3/2009	MJM	RS	MJR
В	ECO 95701	11/5/2009	MJM	RS	NDS
	FCO 135019	1/16/2013	14114	P\$	CCF



## NOTE:

- 1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
- 2. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 904988-EM (EQUIPMENT MODEL).

THIS SPECIFICATION IS THE		INITIALS	DATE	
PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED	DWN.	MJM	6/1/09	1
OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION	CHKD.	CCF	1/22/13	1
OF MICRO-COAX, INC.	APPVD.			

Leading the way in transmission line solutions.

Copyright Micro-Coax, Inc.

TOLERANCES UNLESS OTHEWISE SPECIFIED		TNCA PLUG, 90° ELBOW, SPACE GRADE, MCJ205A						
.XX	± .02							
.XXX	± .005	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.	FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV
.XXXX	± .0010	SCREW THDS, TO BE IN ACCORD	64639	Ь	2.1	1 OF 1	SD904988	
ANGLES	± 2°	WITH ANSI B1.1-1989.	04007	D	ا .ن		30704700	