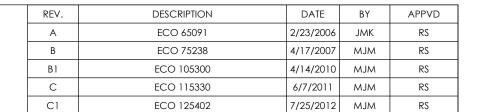
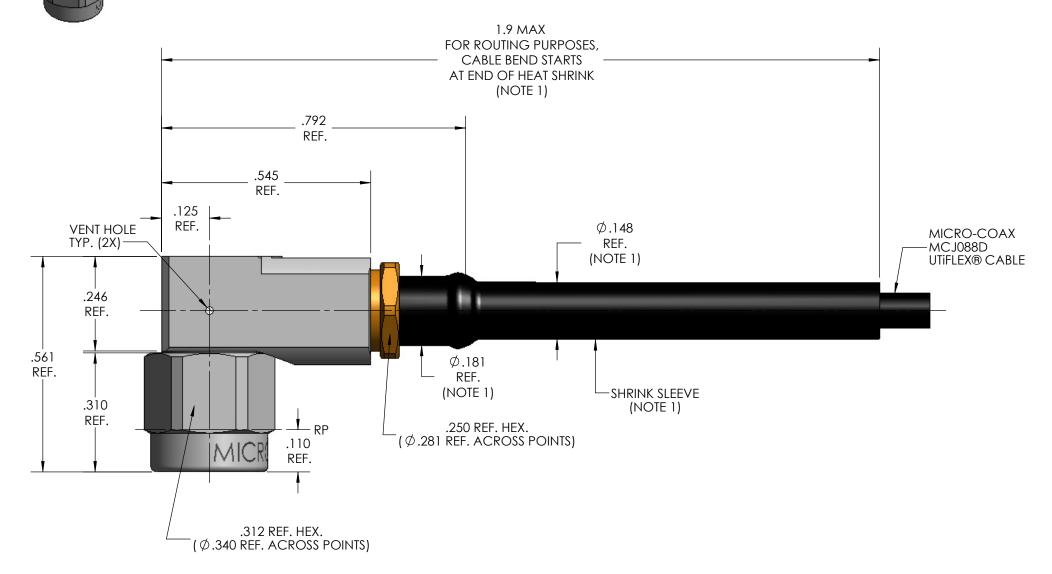
INTERFACE IN ACCORDANCE WITH THE INTENT OF SLANT SH RECOMMENDED MATING TORQUE COUPLING PROOF TORQUE COUPLING NUT RETENTION FORCE TO ENGAGE FORCE TO DISENGAGE DURABILITY AXIAL CONTACT RETENTION (FROM INTERFACE) AXIAL CONTACT RETENTION (FROM CABLE) CABLE RETENTION MASS  ELECTRIC IMPEDANCE MAXIMUM FREQUENCY VSWR DC - 12.4 GHZ	9 IN-LBS. NOM.  15 IN-LBS. MIN.  60 LBS. MIN.  2 IN-LBS. MAX.  2 IN-LBS. MIN.  500 CYCLES MIN.
RECOMMENDED MATING TORQUE  COUPLING PROOF TORQUE  COUPLING NUT RETENTION  FORCE TO ENGAGE  FORCE TO DISENGAGE  DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS  ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	9 IN-LBS. NOM.  15 IN-LBS. MIN.  60 LBS. MIN.  2 IN-LBS. MAX.  2 IN-LBS. MIN.  500 CYCLES MIN.  6 LBS. MIN.  6 CAL CHARACTERISTICS
COUPLING PROOF TORQUE COUPLING NUT RETENTION FORCE TO ENGAGE FORCE TO DISENGAGE DURABILITY AXIAL CONTACT RETENTION (FROM INTERFACE) AXIAL CONTACT RETENTION (FROM CABLE) CABLE RETENTION MASS  ELECTRIC IMPEDANCE MAXIMUM FREQUENCY	15 IN-LBS. MIN. 60 LBS. MIN. 2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6 CAL CHARACTERISTICS
COUPLING NUT RETENTION  FORCE TO ENGAGE  FORCE TO DISENGAGE  DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS  ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	60 LBS. MIN. 2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6.77 GRAMS NOM.
FORCE TO ENGAGE  FORCE TO DISENGAGE  DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS  ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6.77 GRAMS NOM.
FORCE TO DISENGAGE  DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS  ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6.77 GRAMS NOM.
DURABILITY  AXIAL CONTACT RETENTION (FROM INTERFACE)  AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS  ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6.77 GRAMS NOM.
AXIAL CONTACT RETENTION (FROM INTERFACE) AXIAL CONTACT RETENTION (FROM CABLE) CABLE RETENTION MASS  ELECTRIC IMPEDANCE MAXIMUM FREQUENCY	6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6 LBS. MIN. 6.77 GRAMS NOM.
AXIAL CONTACT RETENTION (FROM CABLE)  CABLE RETENTION  MASS  ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	6 LBS. MIN. 6 LBS. MIN. 6.77 GRAMS NOM.  CAL CHARACTERISTICS
CABLE RETENTION  MASS  ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	6 LBS. MIN. 6.77 GRAMS NOM.  CAL CHARACTERISTICS
ELECTRIC  IMPEDANCE  MAXIMUM FREQUENCY	6.77 GRAMS NOM.  CAL CHARACTERISTICS
ELECTRIC IMPEDANCE MAXIMUM FREQUENCY	CAL CHARACTERISTICS
IMPEDANCE MAXIMUM FREQUENCY	1
MAXIMUM FREQUENCY	50 Ohms NOM.
VSWR DC - 12.4 GHz	18 GHz
	1.12:1 MAX.
12.4 - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.04 VF (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1050 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	250 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	700 Vrms MIN.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
	LENTAL CHARACTERISTICS  -100°C TO 150°C
ENVIRONM  OPERATING TEMPERATURE  VIBRATION	-100 °C TO 150 °C  MIL-STD-202, METHOD 204, CONDITION D
OPERATING TEMPERATURE VIBRATION	-100°C TO 150°C MIL-STD-202, METHOD 204, CONDITION D
OPERATING TEMPERATURE	-100°C TO 150°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 213, CONDITION I
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK	-100°C TO 150°C MIL-STD-202, METHOD 204, CONDITION D
OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK	-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
OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION	-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
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION	-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%
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION  MAT	-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%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. \$30300.
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION  MAT  BODY & COUPLING NUT	-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%  ERIALS AND FINISH  STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. \$30300, PASSIVATE PER ASTM-A-967  BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER
OPERATING TEMPERATURE  VIBRATION  MECHANICAL SHOCK  THERMAL SHOCK  CORROSION  MAT  BODY & COUPLING NUT  CONTACT, FLEA & REAR BODY	-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%  ERIALS 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







## NOTES:

- 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 904204-EM (EQUIPMENT MODEL).

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SPECIFICATION DRAWING

TOLERANC OTHEWISE			
.XX	± .02	_	
YYY	+ 005		

TITLE SMA PLI

SMA, PLUG MITER RIGHT ANGLE, MCJ088D, VENTED, SPACE GRADE

 .XX
 ± .02

 .XXX
 ± .005

 .XXXX
 ± .0010

 .XXXX
 ± .0010

 ANGLES
 ± 2°

 ANGLES
 ± 2°

 ANGLES
 ± 2°

FSCM NO. SIZE 64639 B

SIZE SCALE SHEET NO. DRAWI

SD904204 (