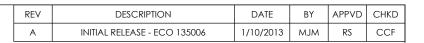
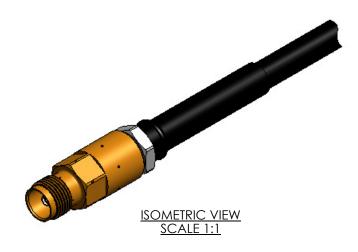
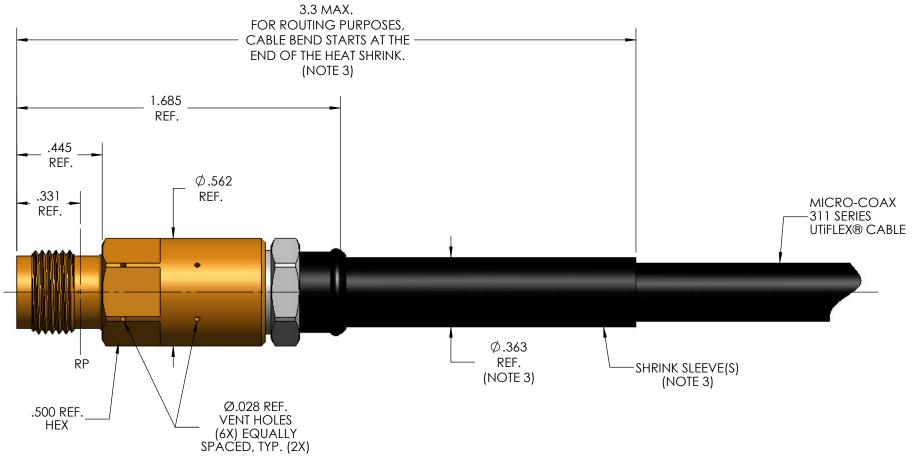
MECHANICA	AL CHARACTERISTICS					
INTERFACE	PER MICRO-COAX DWG. A-18534 (SEE NOTE 4)					
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	N/A					
RECOMMENDED MATING TORQUE	20 IN-LBS. NOM.					
COUPLING PROOF TORQUE	25 IN-LBS. MIN.					
COUPLING NUT RETENTION	100 LBS. MIN.					
FORCE TO ENGAGE	2 IN-LBS. MAX.					
FORCE TO DISENGAGE	2 IN-LBS. MAX.					
DURABILITY	500 CYCLES MIN.					
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN. (BOTH DIRECTIONS)					
CABLE RETENTION	20 LBS. MIN.					
MASS	24.55 GRAMS NOM.					
ELECTRICA	L CHARACTERISTICS					
IMPEDANCE	50 Ohms NOM.					
MAXIMUM FREQUENCY	10.0 GHz					
VSWR DC - 10.0 GHz	1.15:1 MAX.					
INSERTION LOSS	0.045 √F (GHz) dB MAX.					
DIELECTRIC WITHSTANDING VOLTAGE	2100 Vrms MIN.					
INSULATION RESISTANCE	5000 MegaOhms MIN.					
RF LEAKAGE DC - 10 GHz	-90 dB					
CORONA	540 Vrms MIN. @ 70,000 FEET					
RF HIGH POTENTIAL	1400 Vrms MIN.					
	1.5 MilliOhms MAX.					
CONTACT RESISTANCE (INNER)						
CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER)	0.2 MilliOhms MAX.					
CONTACT RESISTANCE (OUTER)						
CONTACT RESISTANCE (OUTER)	0.2 MilliOhms MAX.					
CONTACT RESISTANCE (OUTER) ENVIRONMEN	0.2 MilliOhms MAX. ITAL CHARACTERISTICS					
CONTACT RESISTANCE (OUTER) ENVIRONMEN OPERATING TEMPERATURE	0.2 MilliOhms MAX. ITAL CHARACTERISTICS -100°C TO 150°C					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION	O.2 MilliOhms MAX. ITAL CHARACTERISTICS -100 °C TO 150 °C MIL-STD-202, METHOD 204, CONDITION D					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK	O.2 MilliOhms MAX. ITAL CHARACTERISTICS -100°C TO 150°C MIL-STD-202, METHOD 204, CONDITION D MIL-STD-202, METHOD 213, CONDITION I					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK	0.2 MilliOhms MAX. ITAL 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					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION	O.2 MilliOhms MAX. ITAL 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%					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION	O.2 MilliOhms MAX. ITAL 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%					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT	O.2 MilliOhms MAX. ITAL 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% IALS AND FINISH BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT FORWARD INSULATOR, REAR INSULATOR	ITAL 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% IALS AND FINISH BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967 IFE FLUOROCARBON PER ASTM-D-1710					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT	D.2 MilliOhms MAX. ITAL 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% IALS AND FINISH BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967 TIFE FLUOROCARBON PER ASTM-D-1710 POLYMIDE PER ASTM-D-6456					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT FORWARD INSULATOR, REAR INSULATOR	ITAL 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% IALS AND FINISH BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967 IFE FLUOROCARBON PER ASTM-D-1710					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT FORWARD INSULATOR, REAR INSULATOR FORWARD & REAR DIELECTRIC STOP, WASHER CONTACT, CONTACT RING	D.2 MilliOhms MAX. ITAL 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% IALS AND FINISH BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967 TFE FLUOROCARBON PER ASTM-D-1710 POLYMIDE PER ASTM-D-6456 BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DIL-45204, OVER					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT FORWARD INSULATOR, REAR INSULATOR FORWARD & REAR DIELECTRIC STOP, WASHER CONTACT, CONTACT RING	D.2 MilliOhms MAX. ITAL 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% IALS AND FINISH BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967 TFE FLUOROCARBON PER ASTM-D-1710 POLYMIDE PER ASTM-D-6456 BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE AMS-QQ-N-290					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT FORWARD INSULATOR, REAR INSULATOR FORWARD & REAR DIELECTRIC STOP, WASHER CONTACT, CONTACT RING	D.2 MilliOhms MAX. ITAL 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% IALS AND FINISH BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967 IFE FLUOROCARBON PER ASTM-D-1710 POLYMIDE PER ASTM-D-6456 BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DIL-45204, OVER NICKEL PLATE AMS-QQ-N-290 PLICATION					
ENVIRONMEN OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK CORROSION MATERI BODY, BUSHING CLAMP NUT FORWARD INSULATOR, REAR INSULATOR FORWARD & REAR DIELECTRIC STOP, WASHER CONTACT, CONTACT RING AF CABLE(S)	DITAL CHARACTERISTICS -100 °C TO 150 °C MIL-STD-202, METHOD 204, CONDITION D MIL-STD-202, METHOD 213, CONDITION B MIL-STD-202, METHOD 107, CONDITION B MIL-STD-202, METHOD 101, CONDITION B, 5% BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE ASTM-B734 STEEL, CORROSION RESISTANT PER ASTM-A-582, PASSIVATE PER ASTM-A-967 TFE FLUOROCARBON PER ASTM-D-1710 POLYMIDE PER ASTM-D-6456 BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE AMS-QQ-N-290 PPLICATION 311 SERIES CABLE					

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.







NOTES:

- 1. THIS CONNECTOR NOT INTENDED FOR PIM APPLICATIONS.
- 2. VERIFY MULTIPACTION RATINGS FOR EACH APPLICATION.
- 3. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
- 4. THE INTERFACE IS A MICRO-COAX PROPRIETARY INTERFACE AND MUST BE MATED WITH THE CORRESPONDING MICRO-COAX MATING INTERFACE.
- 5. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 904276-EM (EQUIPMENT MODEL).

SPECIFICATION DRAWING

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	TOLERANCES UNLESS OTHEWISE SPECIFIED		TNCM JACK, 311 SERIES CABLE, HIGH POWER, SPACE GRAD								ADE	
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