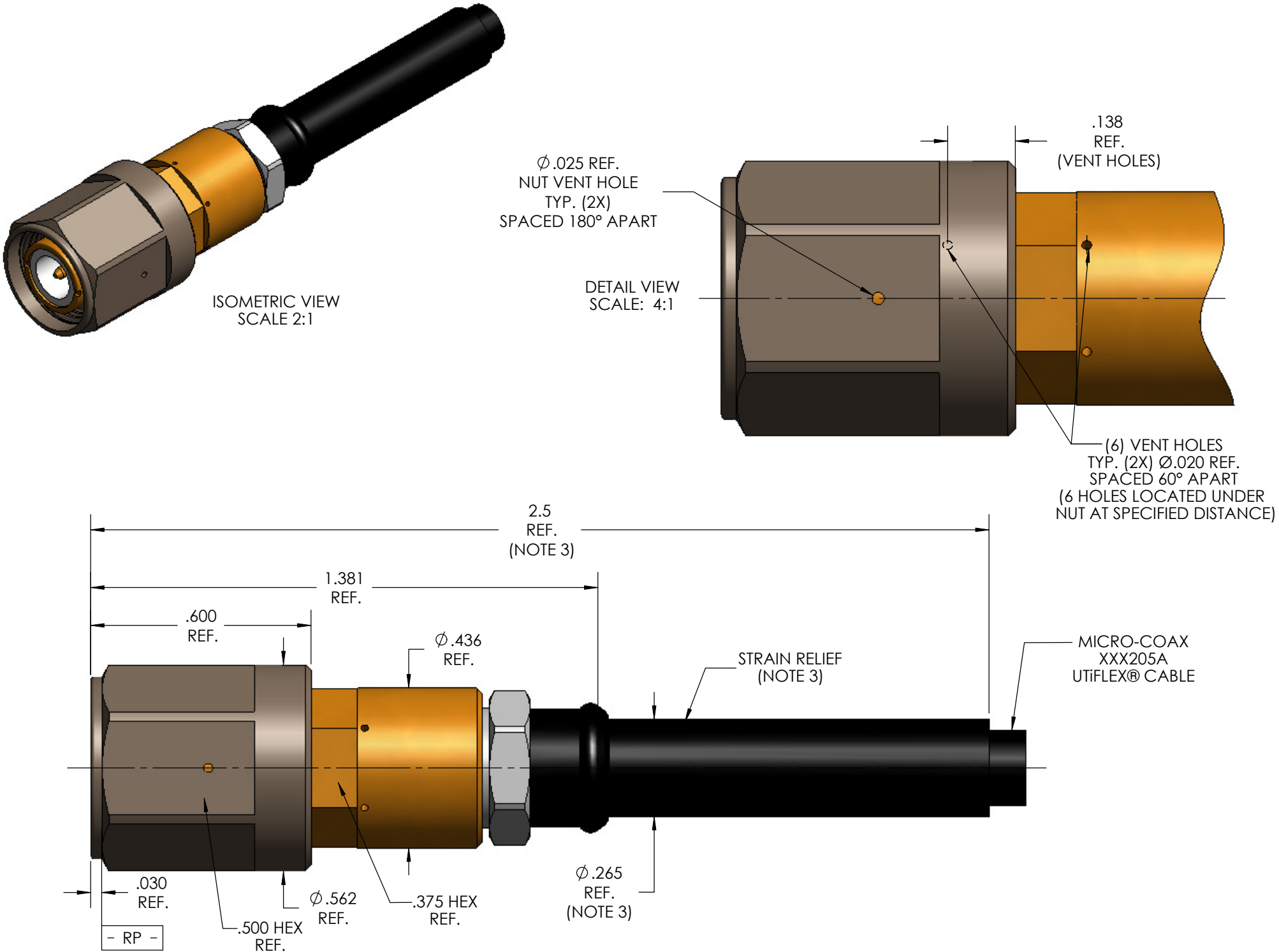


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313.1 (SEE NOTE 4)
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/26 REF.
RECOMMENDED MATING TORQUE	15 IN-LBS. NOM.
COUPLING PROOF TORQUE	25 IN-LBS. MIN.
COUPLING NUT RETENTION	100 LBS. MIN.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO 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	14.15 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	15.0 GHz
VSWR DC - 15.0 GHz	1.15:1MAX.
INSERTION LOSS	0.045 \sqrt{f} (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 9 GHz	-90 dB
9 GHz - 15 GHz	TBD
CORONA	375 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	1000 Vrms MAX.
CONTACT RESISTANCE (INNER)	1.5 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	0.2 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°C TO 165°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION B
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
MATERIALS AND FINISH	
BODY, BUSHING	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER COPPER PLATE PER ASTM-B734.
COUPLING NUT	ALUMINUM ALLOY, PER ASTM-B-221, HARD COAT ANODIZE PER MIL-A-8625(STANDARD GRAY/BLACK COLOR)
SNAP RING	BERYLLIUM COPPER, UNS NO. C17200, PER ASTM-B-197
CLAMP NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
CONTACT RING, CONTACT	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
DIELECTRIC STOP(S)	TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC STOP(S), WASHER	POLYIMIDE, PER MIL-R-46198, (TYPE 1)
APPLICATION	
CABLE(S)	XXX205A
INSTALLATION	PER CONFIGURATOR

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 MINIMUM DIMENSION FOR THE SHOULDER OF THE CENTER CONTACT SHALL BE 0.208 PER MIL-STD-348A, FIG. 313.3, NOTICE 1, DIM E.

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A	INITIAL RELEASE - ECO 135196	4/10/2013	MJM	RS	CCF

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