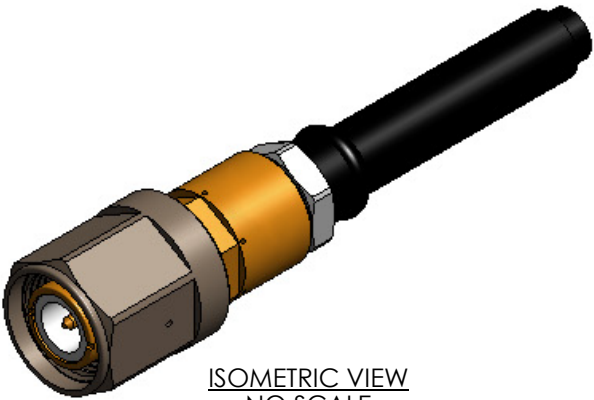
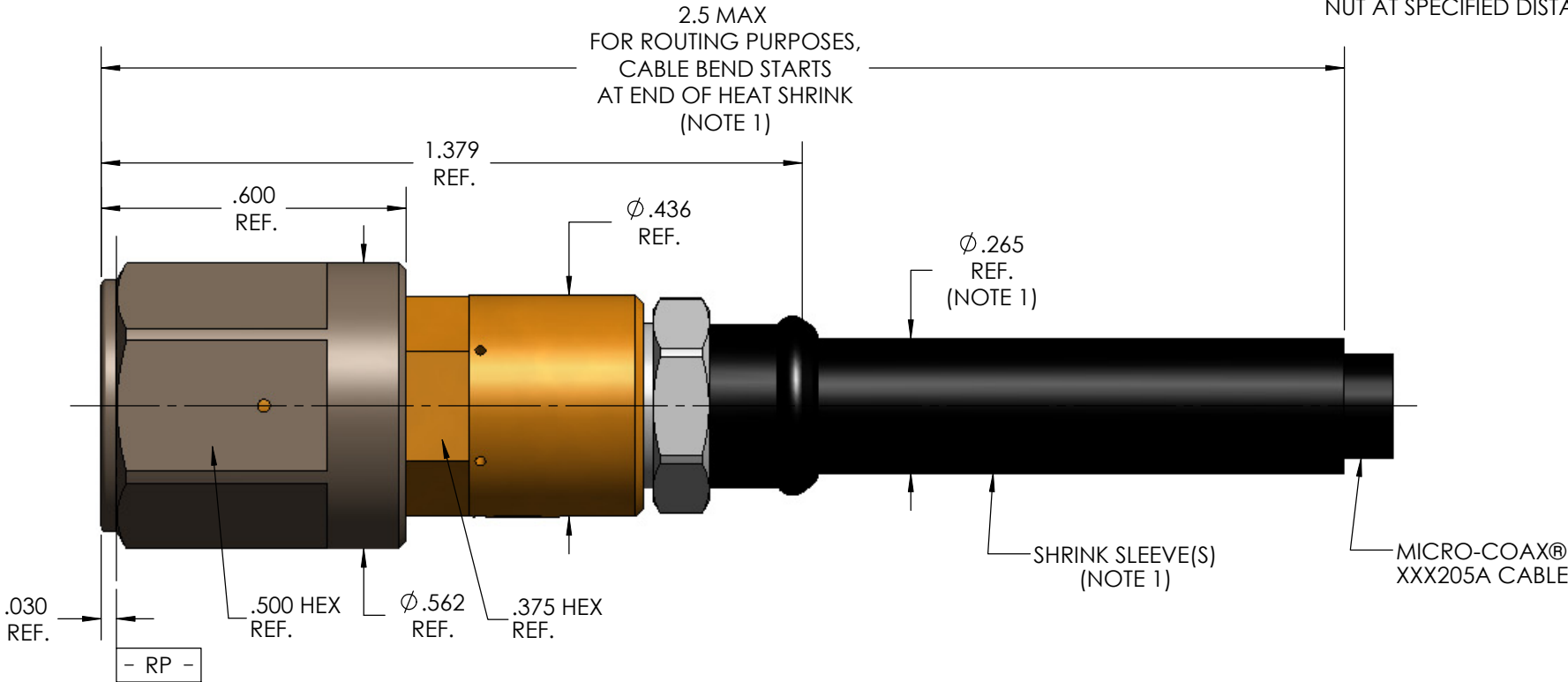
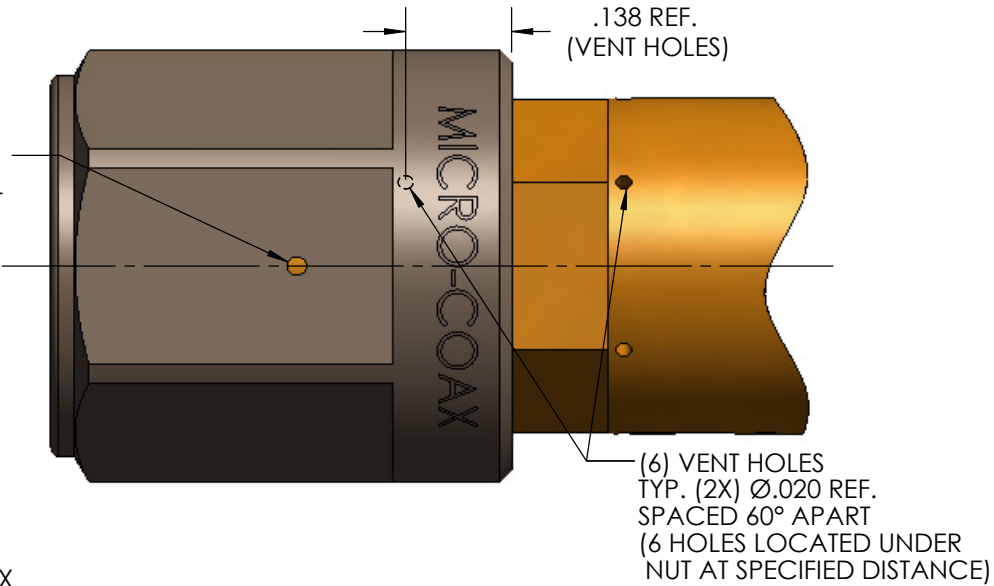


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 313.1 (SEE NOTE 4)
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/26
RECOMMENDED MATING TORQUE	20 IN-LBS NOM.
COUPLING PROOF TORQUE	25 IN-LBS MIN.
COUPLING NUT RETENTION	100 LBS MIN.
FORCE TO ENGAGE	2 IN-LBS MAX.
FORCE TO DISENGAGE	2 IN-LBS MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS MIN. (BOTH DIRECTIONS)
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	20 LBS MIN.
MASS	14.21 GRAMS NOM
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	15 GHz
VSWR DC - 15 GHz	1.15:1 MAX.
INSERTION LOSS	0.045 SE (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-90 dB
3 GHz - 15 GHz	TBD
CORONA	375 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	1000 Vrms MIN.
CONTACT RESISTANCE (INNER)	1.5 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-100 °C TO 150 °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%
MATERIALS AND FINISH	
BODY, BUSHING	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATED PER ASTM-B488, OVER COPPER PLATE PER ASTM-B734.
COUPLING NUT	ALLUMINUM ALLOY, PER ASTM-B-221, HARD COAT ANNODIZE PER MIL-A-8625 (STANDARD GRAY/BLACK COLOR)
CLAMP NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
CONTACT, CONTACT RING	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER ASTM-B488, OVER NICKEL PER ASTM-B733, OVER COPPER FLASH PER SAE-AMS 2418
DIELECTRIC STOP(S), WASHER	POLYIMIDE, PER MIL-R-46198, (TYPE 1)
INSULATOR(S)	TFE FLUOROCARBON, PER ASTM-D-1710
APPLICATION	
CABLE(S)	XXX205A
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	A0Q
CONNECTOR CODE SHEET 2	AQQ

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Ø .025 REF.
NUT VENT HOLE
TYP. (2X)
SPACED 180° APART



NOTE:


- MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
- ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 904692-EM (EQUIPMENT MODEL).
- SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.
- 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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		DWN.	MJM	5/10/07							
		CHKD.	CCF	7/29/11							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		TNC PLUG, HIGH POWER, PIM RESISTANT, XXX205A CABLE, SPACE GRADE									
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.				FSCM NO. 64639	SIZE B	SCALE 3:1	SHEET NO. 1 OF 2	DRAWING NO. SD904692	REV A
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										

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ISOMETRIC VIEW
SCALE 2:1

[illegible]

ALL DIMENSIONS AND TOLERANCES IN INCHES UNLESS OTHERWISE SPECIFIED.		INITIALS		DATE		 MICRO-COAX[®] <i>Leading the way in transmission line solutions.</i> <i>Copyright Micro-Coax, Inc.</i>		
		DWN.	MJM	5/10/07				
		CHKD.	CCF	7/29/11				
		APPVD.						
.XX	± .02	TITLE		TNC PLUG, HIGH POWER, PIM RESISTANT, HEAT SHRINK FORMED ELBOW, XXX205A CABLE, SPACE GRADE				
.XXX	± .005							
.XXXX	± .0010							
ANGLES	± 2°							
		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.	
		64639	B	3:1	2 OF 2	SD904692	A	