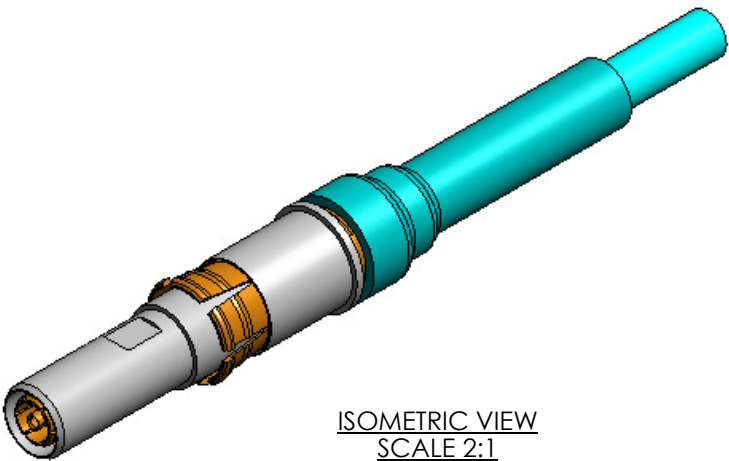
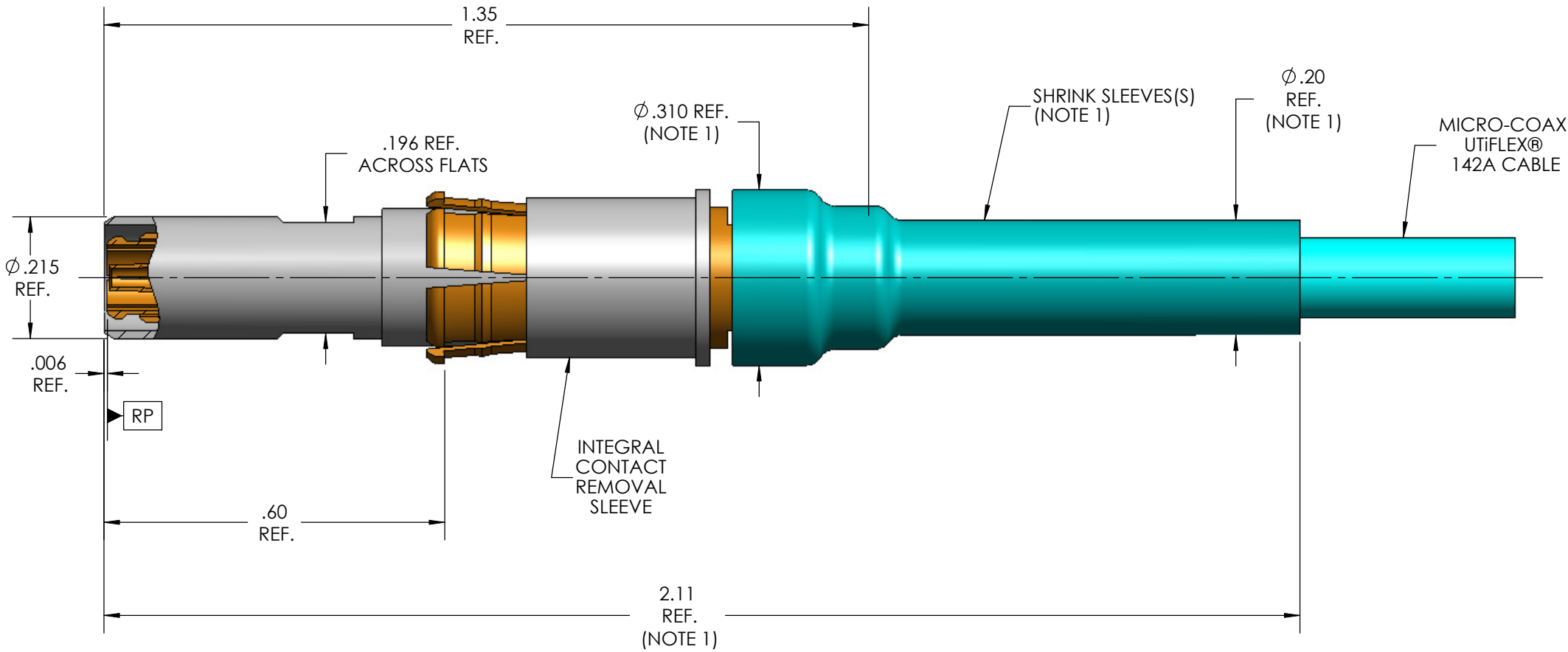


MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DRAWING A-16114
SLANT SHEET	N/A
FORCE TO ENGAGE	2.0 LBS. MIN.
INTERFACE DURABILITY	500 CYCLES MIN.
SHELL DURABILITY	100 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CABLE RETENTION	15 LBS MIN.
MASS	5.50 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	800 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 0 - 3 GHz	-80 dB MIN.
3 - 18 GHz	-65 dB MIN.
CORONA	210 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	525 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-56 °C TO 165 °C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION F
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, (NO VIBRATION)
MATERIALS AND FINISH	
FRONT BODY, REAR SLEEVE, & BUSHING	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
SPRING FINGER BODY, SPRING FINGER SHROUD, CONTACT, & REAR BODY, EMI RING	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
GASKET	FLURORSILICONE RUBBER PER MIL-R-25988
INSULATOR	TFEFLUORCARBON PER ASTM-D-1710
APPLICATION	
CABLE(S)	142A SERIES CABLE
INSTALLATION	PER CONFIGURATOR

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.



ISOMETRIC VIEW
SCALE 2:1



NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE - RDCR 77038	6/11/2008	MJM	JM
B	ECO 85691	10/24/2008	MJM	RS
C	ECO 95274	5/4/2009	PLM	RS
C1	ECO 95503	7/23/2009	MJM	RS
C2	ECO 95649	9/15/2009	MJM	RS
D	ECO 135254	5/8/2013	MJM	RS

SPECIFICATION DRAWING

THIS SPECIFICATION IS THE PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF MICRO-COAX, INC.		INITIALS		DATE		MICRO-COAX[®] Leading the way in transmission line solutions. Copyright Micro-Coax, Inc.					
		DWN.	MJM	3/22/07							
		CHKD.	CCF	5/13/13							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE		#8 CONTACT, MODULE PORT, 142A							
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV		
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										
				64639	B	4:1	1 OF 1	SD904671	D		