THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE - RDCR 77039	10/13/2008	MJM	JM

MECHANICAL CHARACTERISTICS

INTERFACE	PER MICRO-COAX DRAWING A-16114
SLANT SHEET	N/A
FORCE TO ENGAGE	2.0 LBS. MAX.
FORCE TO DISENGAGE	0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MAX.
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	20 LBS. MIN.
MASS	6.08 GRAMS NOM.

ELECTRICAL CHARACTERISTICS

IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.08 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	975 Vrms for 30 Sec.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-65 dB MIN.
CORONA	250 Vrms MIN. @70,000 FEET
RF HIGH POTENTIAL	650 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.

ENVIRONMENTAL CHARACTERISTICS

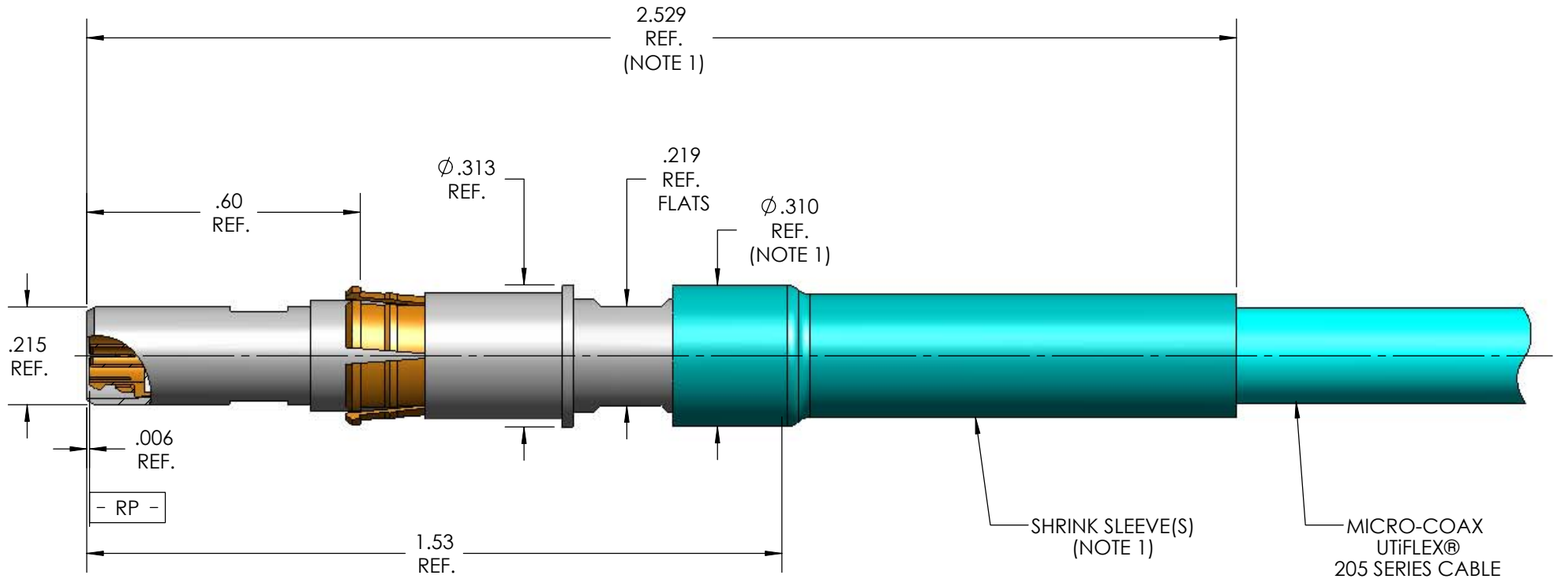
OPERATING TEMPERATURE	-65°C TO 165°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%

MATERIALS AND FINISH

FRONT BODY, SLEEVE(S)	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
REAR BODY	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
SPRING FINGER BODY, CONTACT(S), EMI RING, RETAINING CLIP	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR, REAR DIELECTRIC BEAD	TFEFLUORCARBON PER ASTM-D-1710
FOREARD DIELECTRIC BEAD, DIELECTRIC STOP	POLYETHERMIDE THERMOPLASTIC (ULTEM 1000) PER ASTM-D-5205
GASKET	FLURORSILICONE RUBBER PER MIL-R-25988

APPLICATION

CABLE(S)	205 SERIES
INSTALLATION	PER CONFIGURATOR



NOTE:

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

SPECIFICATION DRAWING

	INITIALS	DATE
DWN.	DBK	3/22/07
CHKD.	MJM	3/10/08
APPVD.	RS	3/10/08

MICRO-COAX®
Leading the way in transmission line solutions.

TOLERANCES UNLESS OTHEWISE SPECIFIED	
.XX	± .02
.XXX	± .005
.XXXX	± .0010
ANGLES	± 2°

TITLE: #8 CONTACT, MODULE PORT, UFB205A

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
64639	B	3:1	1 OF 1	SD904719	A