MECHANICAL CHARACTERISTICS

INTERFACE	MIL-STD-348, FIGURE 326-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE (FULL, LIMITED, SMOOTH)	15.0, 10.0, 2.0 LBS. MAX.
FORCE TO DISENGAGE (FULL, LIMITED, SMOOTH)	5.0, 2.0, 0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	10 LBS. MIN.
DURABILITY (FULL, LIMITED, SMOOTH)	100, 500, 1000 CYCLES MIN.
MASS	0.98 GRAMS NOM.

ELECTRICAL CHARACTERISTICS

IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 18.0 GHz	1.20:1 MAX.
18.0 - 26.5 GHz	1.30:1 MAX.
INSERTION LOSS	0.045 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	650 Vrms MIN. @ SEA LEVEL
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3.0 GHz	-80 dB MIN.
3.0 - 26.5 GHz	-65 dB MIN.
CORONA	170 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	425 Vrms MIN. @ SEA LEVEL
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, EXCEPT STEP 7B
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%

MATERIALS AND FINISH

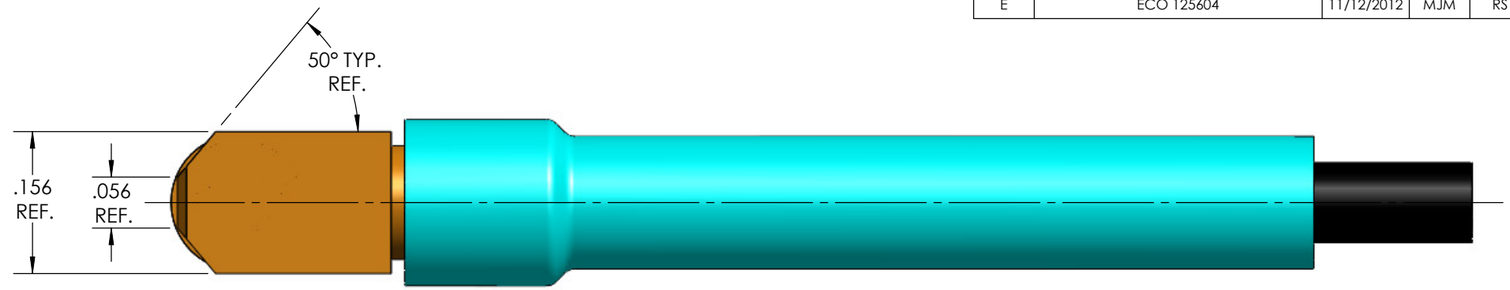
MAIN BODY, REAR BODY, CONTACT(S), EMI RING, ANTI-ROCK RING	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
FRONT INSULATOR, BEAD(S)	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
REAR INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710

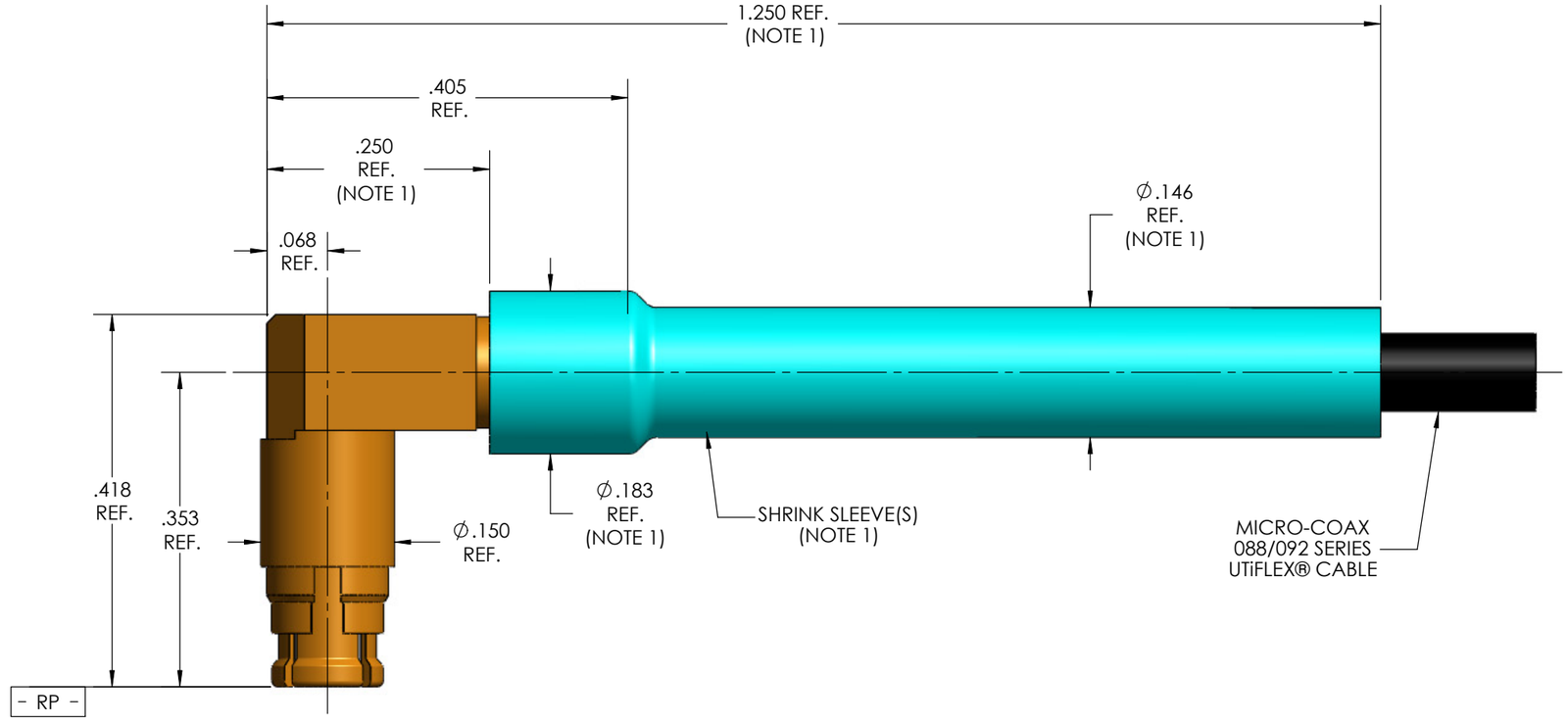
APPLICATION

CABLE(S)	088/092 SERIES
INSTALLATION	PER CONFIGURATOR

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE	05/19/05	SRS	MJK	-
A1	ECO 55760	10/20/05	JMK	RS	-
B	ECO 65307	8/16/06	JMK	RDS	-
C	ECO 85244	7/17/2008	PLM	MJR	JM
D	ECO 125152	3/22/2012	MJM	RS	CCF
E	ECO 125604	11/12/2012	MJM	RS	CCF





NOTES:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 903847-1.

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
DWN.	PLM	7/17/08
CHKD.	CCF	3/23/12
APPVD.		

MICRO-COAX®
Leading the way in transmission line solutions.
Copyright Micro-Coax, Inc.

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

TITLE: SMP SOCKET, EXTENDED RIGHT ANGLE, CHAMFERED PROFILE, 088/092 SERIES

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	6:1	1 OF 1	SD903847	E