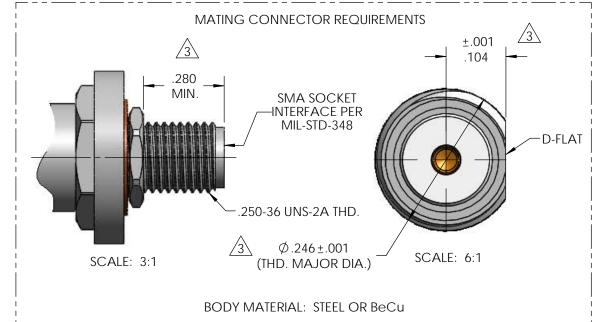
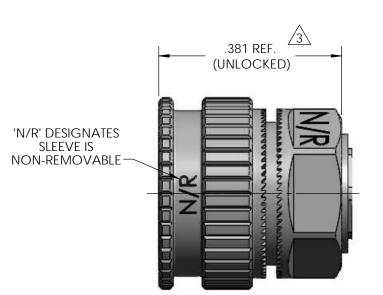
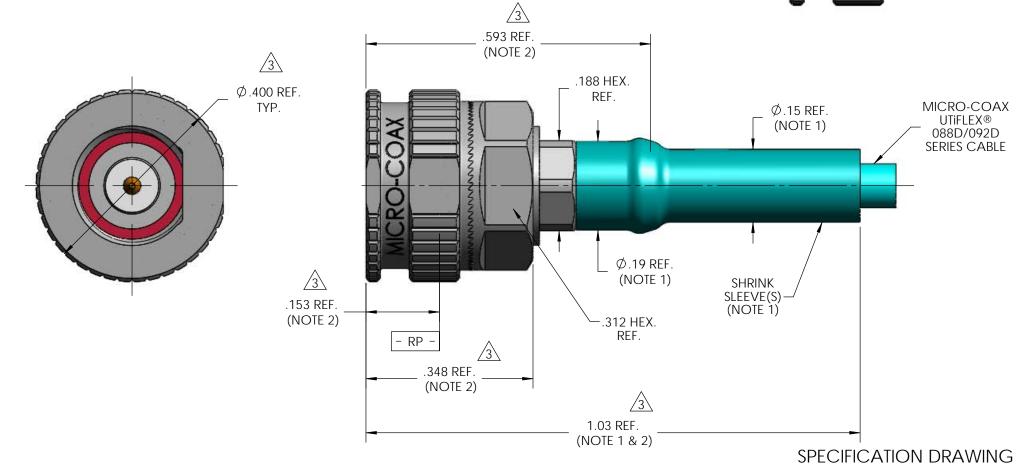
MIL-STD-348, FIGURE 310-1 MIL-PRF-39012/55 REF.  9 IN-LBS. NOM.  15 IN-LBS. MIN.  60 LBS. MIN.  2 IN-LBS. MAX.  2 IN-LBS. MIN.  500 CYCLES MIN.  6 LBS. MIN.  6 LBS. MIN.  10 LBS. MIN.  10 LBS. MIN.  3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM.  32 GHz  1.12:1 MAX.  1.22:1 MAX.  0.03 √F (GHz) dB MAX.
9 IN-LBS. NOM.  15 IN-LBS. MIN.  60 LBS. MIN.  2 IN-LBS. MAX.  2 IN-LBS. MIN.  500 CYCLES MIN.  6 LBS. MIN.  6 LBS. MIN.  1 US. MIN.  1 OZ. MIN.  10 LBS. MIN.  3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM.  32 GHZ  1.12:1 MAX.  1.22:1 MAX.
15 IN-LBS. MIN. 60 LBS. MIN. 2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 3 LBS. MAX 1 OZ. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS 50 Ohms NOM. 32 GHZ 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
60 LBS. MIN. 2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 3 LBS. MAX 1 OZ. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS 50 Ohms NOM. 32 GHZ 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
2 IN-LBS. MAX. 2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 3 LBS. MAX 1 OZ. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  - CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
2 IN-LBS. MIN. 500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 3 LBS. MAX 1 OZ. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
500 CYCLES MIN. 6 LBS. MIN. 6 LBS. MIN. 3 LBS. MAX 1 Oz. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
6 LBS. MIN. 6 LBS. MIN. 3 LBS. MAX 1 OZ. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHZ 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
6 LBS. MIN. 3 LBS. MAX 1 OZ. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
3 LBS. MAX 1 Oz. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
3 LBS. MAX 1 Oz. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
1 Oz. MIN. 10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
10 LBS. MIN. 3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
3.51 GRAMS NOM.  CHARACTERISTICS  50 Ohms NOM.  32 GHz  1.12:1 MAX.  1.16:1 MAX.  1.22:1 MAX.
50 Ohms NOM. 32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
32 GHz 1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
1.12:1 MAX. 1.16:1 MAX. 1.22:1 MAX.
1.16:1 MAX. 1.22:1 MAX.
1.22:1 MAX.
1
U.U3 VF (GHz) dB MAX.
/ FO Marine MINI
650 Vrms MIN.
5000 MegaOhms MIN.
-90 dB MIN.
TBD
170 Vrms MIN. @ 70,000 FEET
425 Vrms MIN.
4.0 MilliOhms MAX.
2.0 MilliOhms MAX.
TAL CHARACTERISTICS
-62°C TO 165°C
MIL-STD-202, METHOD 204, CONDITION D
MIL-STD-202, METHOD 213, CONDITION I
MIL-STD-202, METHOD 107, CONDITION B
MIL-STD-202, METHOD 101, CONDITION B, 5%
MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
ALS AND FINISH
STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
BERYLLIUM COPPER, PER ASTM-B-197
TFE FLUOROCARBON PER ASTM-D-1710
POLYEHERIMIDE THERMOPLASTIC, PER ASTM-D-5205I
SILICONE RUBBER PER ZZ-R-765
316BRT STAINLESS STEEL, PASSIVATED PER ASTM-B-967
PLICATION
088D/092D CABLE

## THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.



	REV	DESCRIPTION	DATE	BY	APPVD	CHKD
	1	PRELIMINARY RELEASE	5/29/2012	PLM	RS	CCF
	2	ADDED RED STRIPE SPECIFICATION ON COUPLING NUT	9/24/2012	PLM	RS	RS
	3	REVISED SMA BHJ BODY DIMENSIONAL REQUIREMENTS; REVISED LOCKING SLEEVE; REMOVED RED STRIPE	6/4/2013	PLM	RS	RS





## NOTE:

- 1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
- 2. DIMENSION VALUE BASED ON SLEEVE IN LOCKED POSITION.

	THIS SPECIFICATION IS THE		INITIALS	DATE	1
	PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION	DWN.	PLM	05/24/12	
		CHKD.	CCF	05/25/12	L
	OF MICRO-COAX, INC.	APPVD.			
	TOLERANCES UNLESS	TITLE	SMA F	PLUG, SELF-	LC

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OCKING, NON-REMOVABLE SLEEVE, HIGH FREQUENCY, 088D/092D CABLE ± .02

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. .XXX ± .005 .XXXX ± .0010 SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989. ANGLES

FSCM NO. 64639 B 5:1 1 OF 1

SIZE SCALE SHEET NO. DRAWING NO. SD905200