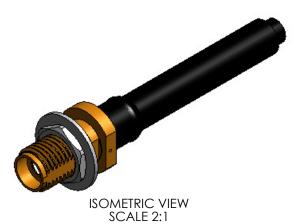
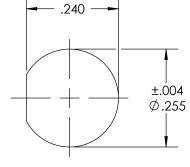
	1
TERFACE	MIL-STD-348, FIGURE 310-2
ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/59 REF.
COMMENDED MATING TORQUE	9 IN-LBS. NOM.
PRCE TO ENGAGE	2 IN-LBS. MAX.
DRCE TO DISENGAGE	2 IN-LBS. MAX.
JRABILITY	500 CYCLES MIN.
(IAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
(IAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
ENTER CONTACT INSERTION (FROM CABLE)	2 LBS. MAX
ENTER CONTACT WITHDRAW (FROM CABLE)	1 Oz. MIN.
ABLE RETENTION	20 LBS. MIN.
ASS	3.20 GRAMS NOM.
ASS WITHOUT NUT & LOCKWASHER	2.66 GRAMS NOM.
COMMENDED LOCKNUT TORQUE	12 - 15 IN. LBS.
ELECTRICAL	L CHARACTERISTICS
PEDANCE	50 Ohms NOM.
AXIMUM FREQUENCY	22 GHz
WR DC - 22 GHz	1.16:1 MAX.
22 GHz - 30 GHz	1.25:1 MAX.
SERTION LOSS	0.04 √F (GHz) dB MAX.
ELECTRIC WITHSTANDING VOLTAGE	975 Vrms MIN.
SULATION RESISTANCE	5000 MegaOhms MIN.
LEAKAGE DC - 18 GHz	-90 dB MIN.
18 GHz - 22 GHz	-70 dB MIN.
DRONA	250 Vrms MIN. @ 70,000 FEET
HIGH POTENTIAL	650 Vrms MIN.
ONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
ONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMEN	TAL CHARACTERISTICS
PERATING TEMPERATURE	-100°C TO 150°C
Bration	MIL-STD-202, METHOD 204, CONDITION D
ECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
ermal shock	MIL-STD-202, METHOD 107, CONDITION (NO VIBRATION
DRROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERI	ALS AND FINISH
ONTACT, BUSHING & BODY	BERYLLIUM COPPER, ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
ASHER	STEEL, CORROSION RESISTANT, PER ASTM-A-240, UNS NO. S30400, PASSIVATE PER ASTM-A-967
OCKNUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
SULATOR	TFE FLUOROCARBON PER ASTM-D-1710
ELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
ELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
NSKET	FLUOROCARBON ELASTOMER, PER ASTM-R-83485
AP	PLICATION
ABLE(S)	142A SERIES CABLE

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REV.	DESCRIPTION	DATE	BY	APPVD
Α	ECO 55656	9/16/2005	JMK	RS
В	ECO 65158	3/28/2006	JMK	RS
С	ECO 115330	6/3/2011	MJM	RS
D	ECO 135090	2/19/2013	MJM	RS
E	ECO 135460	9/19/2013	MJM	RS

1.8 MAX FOR ROUTING PURPOSES, CABLE BEND STARTS AT END OF HEAT SHRINK (NOTE 1) .706 REF. .375 REF. Ø.24 $\emptyset.204$ REF. REF. (NOTE 1) (NOTE 1) Ø.018 REF. .076 **VENT HOLE** MICRO-COAX REF. TYP. (2X) SHRINK SLEEVE(S) 142A SERIES — 180° APART (NOTE 1) UTiFLEX® CABLE - RP -.125 MAX-.3125 REF. $^{
m 7}$ panel **FLATS** THK. .415 REF.



RECOMMENDED MOUNTING HOLE

NOTE:

- 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 904151-EM (EQUIPMENT MODEL).

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	OF MICRO-COAX, INC.	APPVD.			
Ī	TOLERANCES LINLESS	TITI C			

MICRO-COAX

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SPECIFICATION DRAWING

TOLERANC OTHEWISE		
.XX	± .02	1
XXX	+ 005	1

SMA BULKHEAD JACK, HIGH FREQUENCY, 142A SERIES, VENTED SPACE GRADE

X	± .02	
XX	± .005	ALL DIMENSIONS IN INCHE
XXX	± .0010	SCREW THDS, TO BE IN ACCO
NGLES	± 2°	WITH ANSI B1.1-1989.

64639	SIZE
	I K

SCALE SHEET NO. DRAWING NO. 4:1 1 OF 1 SD904151