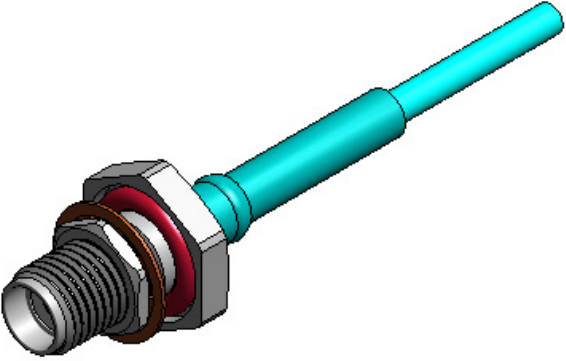
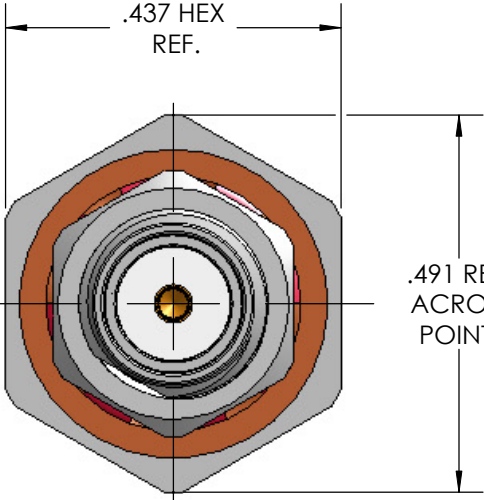


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 310-2
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	MIL-PRF-39012/59 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CENTER CONTACT INSERTION (FROM CABLE)	2 LBS. MAX
CENTER CONTACT WITHDRAW (FROM CABLE)	1 Oz. MIN.
CABLE RETENTION	10 LBS MIN
MASS	3.75 GRAMS NOM.
MASS WITHOUT NUT, LOCKWASHER, & GASKET	3.41 GRAMS NOM.
RECOMMENDED JAM NUT TORQUE	12-15 IN-LBS
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.03 \sqrt{F} (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	650 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	170 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	425 Vrms MIN.
CONTACT RESISTANCE (INNER)	2.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	3.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-62°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 (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACT	BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
BODY	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
LOCKNUT, REAR BODY	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, GOLD PLATE PER MIL-DTL-45204, OVERNICKEL PLATE PER AMS-QQ-N-290
LOCKWASHER	TIN BRASS (UNS C42500) PER ASTM-B-591 OR PHOSPHOR BRONZE (C5191R-H) PER JIS H3110, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
GASKET	SILICONE RUBBER PER ZZ-R-765
APPLICATION	
CABLE(S)	092F SERIES CABLE
INSTALLATION	PER CONFIGURATOR

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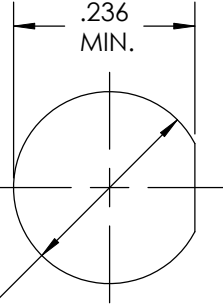


ISOMETRIC VIEW
SCALE 2:1



.437 HEX REF.

.491 REF. ACROSS POINTS



.236 MIN.

Ø.250 MIN.

RECOMMENDED PANEL CUTOUT

1.314 REF. (NOTE 1)

.720 REF.

.42 REF.

.125 MAX PANEL

.076 REF.

RP

.191 REF. (NOTE 1)

Ø.142 REF. (NOTE 1)

SHRINK SLEEVE(S) (NOTE 1)

MICRO-COAX 092F SERIES UTIFLEX CABLE

NOTE:

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

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE - ECO 106088	11/30/2010	CCF	RS	MJM
B	ECO 135231	4/25/2013	MJM	RS	MJM

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		DWN. MJM	10/30/08							
		CHKD. CCF	4/29/13							
		APPVD.								
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE			SMA BULKHEAD JACK, 092F					
.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				64639	B	4:1	1 OF 1	SD903025	B
.XXXX	± .0010									
ANGLES	± 2°									