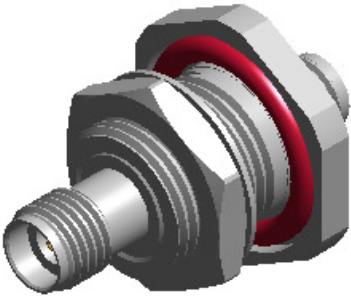
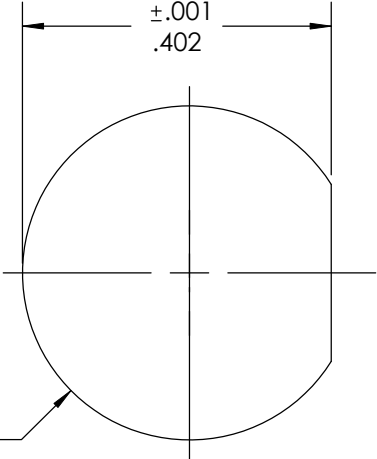


MECHANICAL CHARACTERISTICS	
INTERFACE(S)	MIL-STD-348, FIGURE 323.2
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
CENTER CONTACT INSERTION (INTERFACE)	2 LBS. MIN.
CENTER CONTACT WITHDRAWAL (INTERFACE)	1 Oz. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.
MASS	14.49 GRAMS NOM.
RECOMMENDED JAM NUT TORQUE	22 - 25 IN-LBS.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 20 GHz	1.10:1 MAX.
30 GHz - 40 GHz	1.15:1 MAX.
INSERTION LOSS	0.03 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1300 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-80 dB MIN.
18 GHz - 35 GHz	-65 dB MIN.
CORONA	330 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	850 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 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 B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
LOCK NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
BODIES	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, GOLD PLATE PER MIL-DTL-45204 OVER NICKEL PLATE PER AMS-QQ-N-290
CONTACT	BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD	POLYIMIDE, PER ASTM-D-6456
LOCK WASHER	410 STAINLESS STEEL, PASSIVATE PER ASTM-A-967
GASKET	SILICONE RUBBER PER A-A-59588 (ZZ-R-765)
APPLICATION	
CABLE(S)	N/A
INSTALLATION	N/A

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ISOMETRIC VIEW
SCALE 2:1

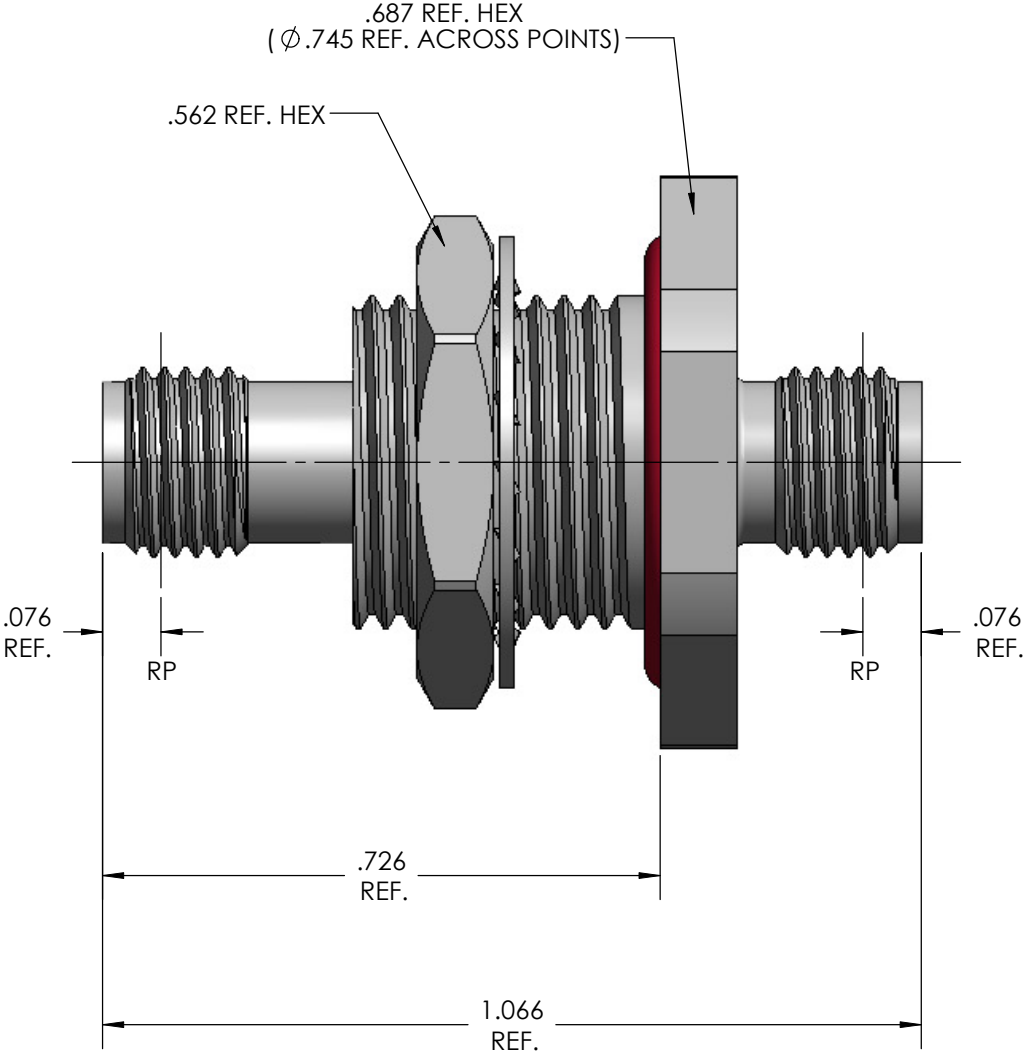


RECOMMENDED
MOUNTING HOLE

NOTE:

1. THREAD LOCKER IS USED ON THIS CONNECTOR.

REV.	DESCRIPTION	DATE	BY	APPVD
A	INITAL RELEASE - RDCR_57003	3/3/2006	JMK	RS
B	ECO 65627	12/19/2006	MJM	RS
C	ECO 75146	3/14/2007	MJM	RS
D	ECO 75340	6/6/2007	MPK	RS
E	ECO 135536	11/14/2013	MJM	RS



.687 REF. HEX
(Ø .745 REF. ACROSS POINTS)

.562 REF. HEX

.076 REF.

RP

.726 REF.

1.066 REF.

.076 REF.

RP

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		MICRO-COAX PROVEN RELIABLE																			
		DWN.	JMK	7/6/05																					
		CHKD.	CCF	11/21/13																					
		APPVD.																							
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE																							
.XX	± .02	K, JACK-JACK FEEDTHRU ADAPTER																							
.XXX	± .005																								
.XXXX	± .0010																								
ANGLES	± 2°																								
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	4:1	1 OF 1	SD904392		E																	