THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE, RDCR 107009	10/21/2010	PLM	RS	MJR
A1	ECO 115533	09/08/2011	PLM	RS	CCF
B	ECO 125494	9/18/2012	MJM	RS	CCF

MECHANICAL CHARACTERISTICS

INTERFACE	IEC 60169-23
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	N/A
RECOMMENDED MATING TORQUE (CONNECTORS)	9 IN-LBS. NOM.
PANEL MOUNTING TORQUE	20 IN-LBS. MAX.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.
MASS	18.63 GRAMS NOM.

ELECTRICAL CHARACTERISTICS

IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	34 GHz
VSWR DC - 26.5 GHz	1.16:1 MAX.
26.5 GHz - 34 GHz	1.30:1 MAX.
INSERTION LOSS	0.045 $\sqrt{F}$ (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1100 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	280 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	725 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.

ENVIRONMENTAL CHARACTERISTICS

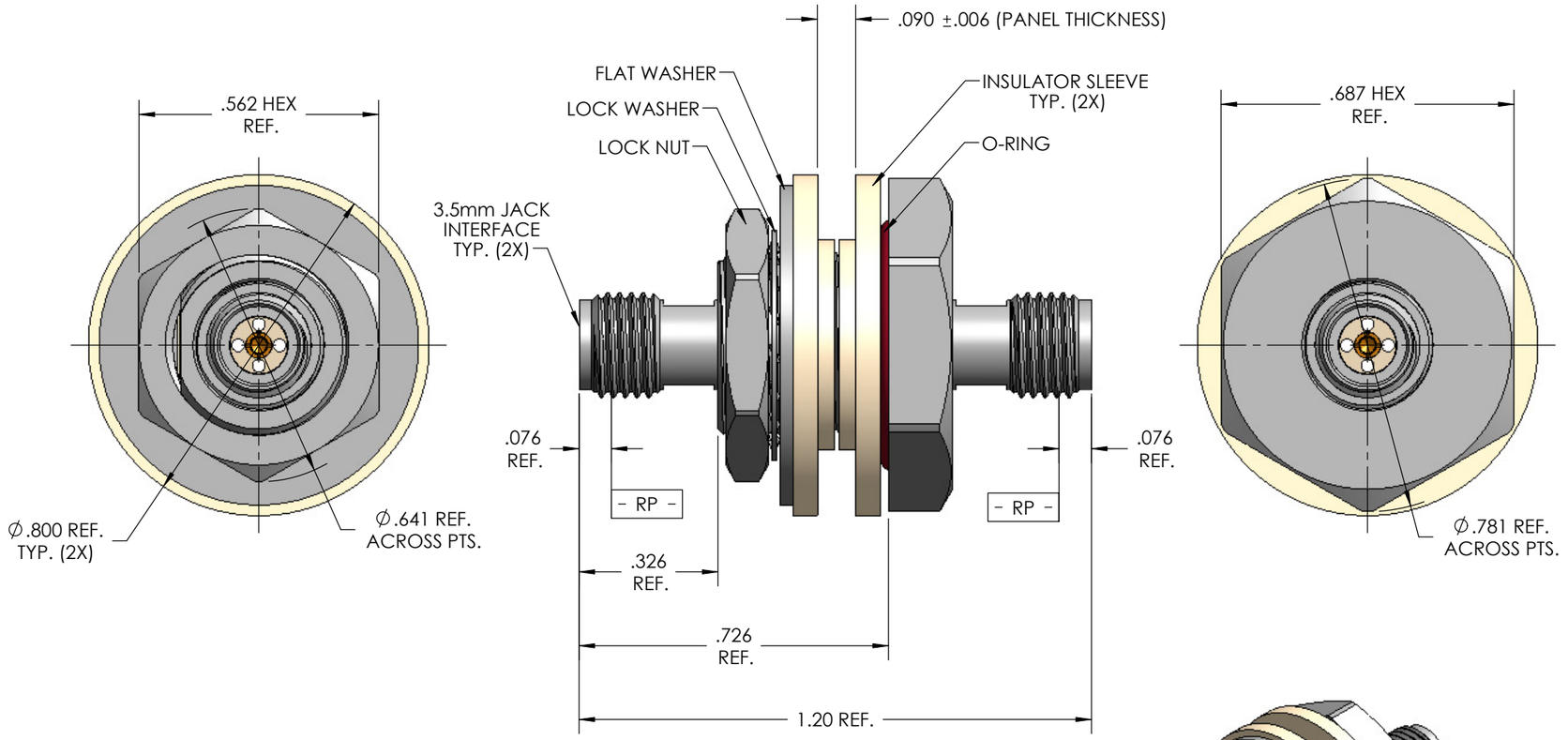
OPERATING TEMPERATURE	-65°C TO 165°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D 20 Gs
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I 10 Gs
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%

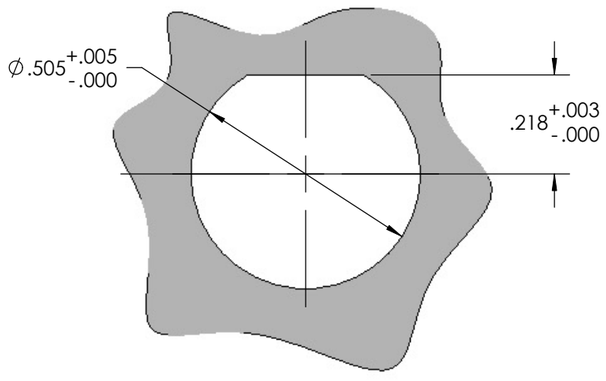
MATERIALS AND FINISH

CONTACT(S) & BULLET	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
MAIN BODY & FORWARD 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
BEAD(S) & INSULATOR SLEEVE(S)	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
LOCK NUT & FLAT WASHER	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
LOCK WASHER	410 STAINLESS STEEL, PASSIVATE PER ASTM-A-967
O-RING	SILICONE RUBBER PER ZZ-R-765

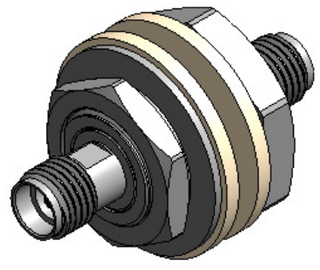
APPLICATION

CABLE(S)	N/A
INSTALLATION	N/A





MOUNTING PANEL HOLE



ISOMETRIC VIEW
SCALE: 2:1

SPECIFICATION DRAWING

	INITIALS	DATE
DWN.	PLM	09/23/10
CHKD.	MJR	09/28/10
APPVD.	RS	09/29/10

MICRO-COAX®
Leading the way in transmission line solutions.

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

TITLE: 3.5mm FEEDTHRU ADAPTER, INSULATED PANEL, JACK - JACK

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	3:1	1 OF 1	SD905089	B