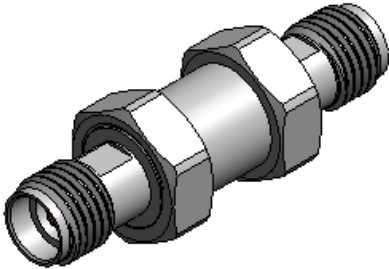
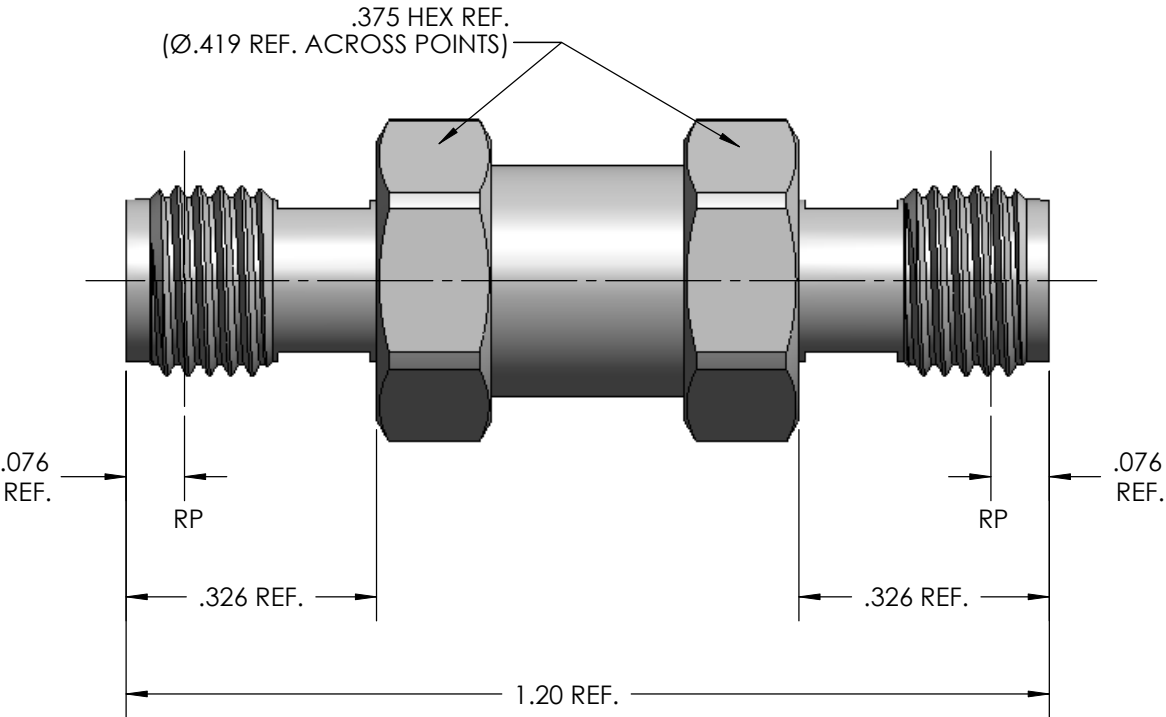


MECHANICAL CHARACTERISTICS	
INTERFACE	IEC 169-23
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287/D3 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
FORCE TO ENGAGE	2 IN-LBS. MAX.
FORCE TO DISENGAGE	2 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.
MASS	7.86 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 26.5 GHz	1.05:1MAX.
26.5 GHz - 35 GHz	1.10:1 MAX
INSERTION LOSS	0.045 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1000 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	260 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	650 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)	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
BEAD(S)	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
BODIES	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
APPLICATION	
CABLE(S)	N/A
INSTALLATION	N/A

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ISOMETRIC VIEW
SCALE 2:1



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		DWN.	SRS	07/21/05							
		CHKD.	MJM	9/13/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE 3.5mm, FEEDTHRU ADAPTER, SHORT, 5/16 HEX, JACK-JACK									
.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	SD904411	A
.XXXX	± .0010										
ANGLES	± 2°										