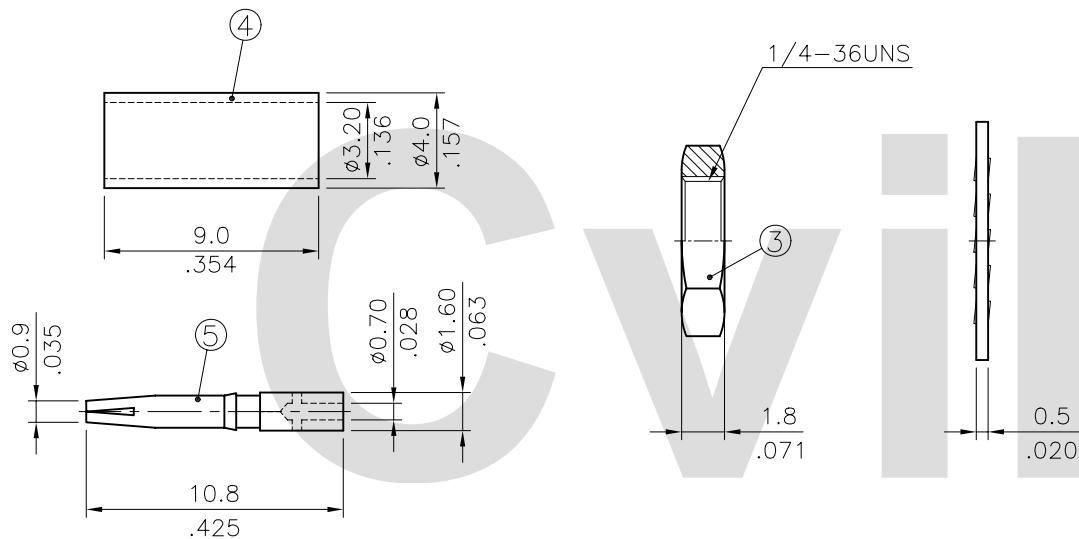
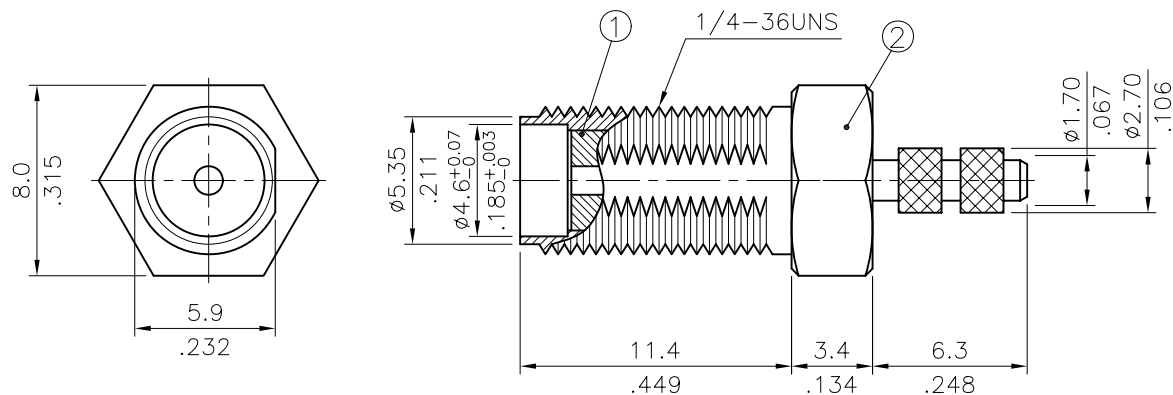




Specifications:

Electrical

Impedance: 50Ω

Frequency Range

0-12.4 GHz on Flexible cable

0-18.0 GHz on Semi-rigid cable

Working Voltage: 250 VRMS Max.

Dielectric Withstanding Voltage: 750 VRMS Min.

VSWR: 1.3 Max.

Contact Resistance

Center contact: 6mΩ Max.

Outer Contact: 2mΩ Max.

Insulator Resistance: 5000MΩ Min.

Mechanical & Environmental

Engagement Force: 2 in-lbs. Max.

Disengagement Force: 2 in-lbs. Max.

Coupling Nut Retention: 60 lbs. Min.

Coupling Proof Retention: 15 in-lbs. Min.

Contact Retention: 6 lbs. Min.

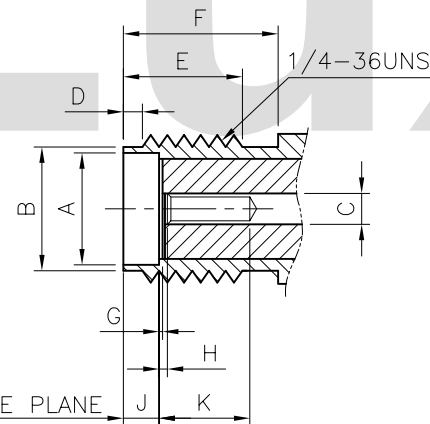
Durability (Mating): 500 cycles Min.

Temperature Range: -65°C to 165°C

Vibration: MIL-STD-202 Method 204 Test Cond.B

Salt Spray: MIL-STD-202 Method 101 Test Cond.B

Thermal Shock: MIL-STD-202 Method 107 Test Cond.B



DIM.	Min.	Max.
A	4.60(.181)	4.67(.184)
B	5.28(.208)	5.49(.216)
C	1.24(.049)	1.30(.051)
D	0.38(.015)	1.14(.045)
E	4.32(.170)	—
F	5.54(.218)	—
G	0.00	0.25(.010)
H	0.00	0.25(.010)
J	1.88(.074)	1.98(.078)
K	2.92(.115)	—

No.	DESCRIPTION	MATERIAL	FINISH	Q'TY
1	INSULATOR	TEFLON	—	1
2	BODY	BRASS	GOLD PLATED	1
3	NUT	BRASS	GOLD PLATED	1
4	FERRULE	BRASS	GOLD PLATED	1
5	CONTACT	BRASS	GOLD PLATED	1

Interface Mating Dimensions

RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE: SMA SERIES STRAIGHT		
3					DRAWN BY: Sun	3/13-08'	CABLE CRIMP BULKHEAD TYPE JACK CONN.		
2					ENGINEER: Eisley	3/13-08'	MATERIAL:		
1					CHECKED BY: David	3/14-08'	FINISH:		
SYM	NAME	DATE	REVISIONS	APPROVED BY: Alex	3/14-08'	.XX ±0.15/.006			

CIVILUX CORP
2008.03.14
ISSUED



瀚菱股份有限公司
CviLux Corporation

DRAWING NO.	CR0103SA	PART NO.	CR01S08225000
SCALE	3 / 1	SHEET	1 OF 1