

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

Specifications:

Electrical

Impedance: 50Ω

Frequency Range: 0–6 GHz

Working Voltage: 170 VRMS Max.

Dielectric Withsanding Voltage: 500 VRMS Min.

VSWR: 1.3 Max.

Contact Resistance

Center contact: 5mΩ Max.

Ouer Contact: 2.5mΩ Max.

Insulator Resistance

1000MΩ Min.

Mechanical & Environmental

Engagement Force: 3.4 lbs. Max.

Disengagement Force: 1.4–3.4 lbs.

Contact Retention: 2.3 lbs. Min.

Durability (Mating): 500 cycles Min.

Temperature Range: –65°C to 155°C

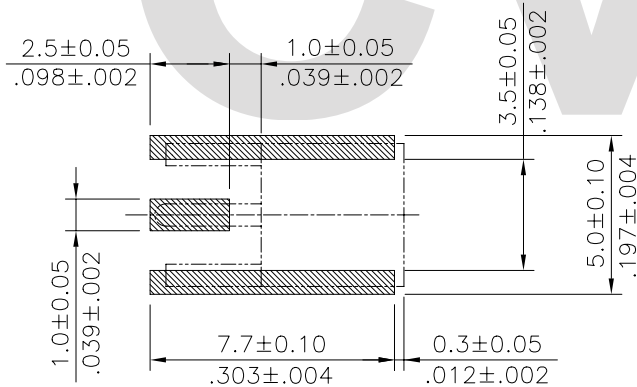
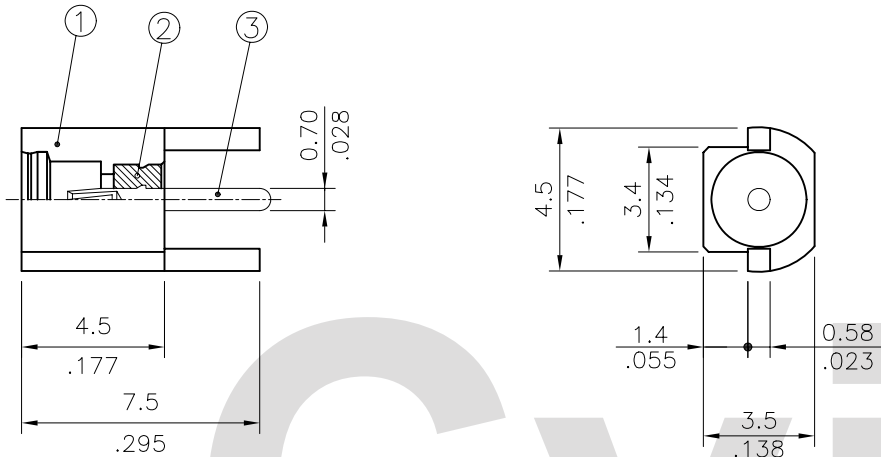
Vibration: 3 cycles, 3 opposite directions, 10–150 Hz

10–60 Hz: 0.75mm/0.030 in., 60–150 Hz 10G's

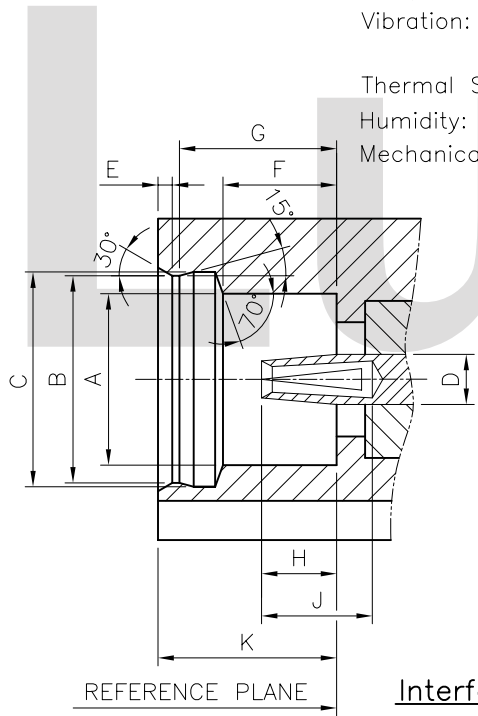
Thermal Shock: MIL–STD–202 Method 107

Humidity: MIL–STD–202 Method 103 Test Cond.B

Mechanical Shock: MIL–STD–202 Method 213 Test Cond.B



Recommended P.C. Board Layout



DIM.	Min.	Max.
A	2.41(.095)	—
B	2.87(.113)	2.90(.114)
C	3.00(.118)	3.04(.120)
D	0.68(.026)	0.72(.028)
E	—	0.23(.009)
F	1.57(.062)	1.63(.064)
G	2.30(.091)	2.34(.092)
H	0.90(.035)	1.20(.047)
J	1.40(.055)	—
K	2.60(.102)	—

Interface Mating Dimensions

RoHS Compliant

4			Civilux Corp 2008.03.14 ISSUED			DATE	UNIT: mm / inch		TITLE: MMCX SERIES SIDE ENTRY SMT PCB MOUNT TYPE JACK CONN.	 瀚荃股份有限公司 CviLux Corporation	
3				DRAWN BY:	Sun	3/13-08'	TOLERANCE UNLESS OTHERWISE SPECIFIED				
2				ENGINEER:	Eisley	3/13-08'	X. ±0.50/.020	X' ± 1'	MATERIAL:		
1				CHECKED BY:	David	3/14-08'	X ±0.30/.012	X' ±			FINISH:
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Alex	3/14-08'	.XX ±0.15/.006	.XX' ±		DRAWING NO. CR0404SA	
										SCALE 3 / 1	SHEET 1 OF 1