

TECHNICAL DATA

Electrical

Impedance	50 Ω
Frequency range	0~3 GHz
VSWR	≤ 1.20
Withstanding voltage	1000 V
Insulation resistance	$\geq 5000M\Omega$

Mechanical & Environmental

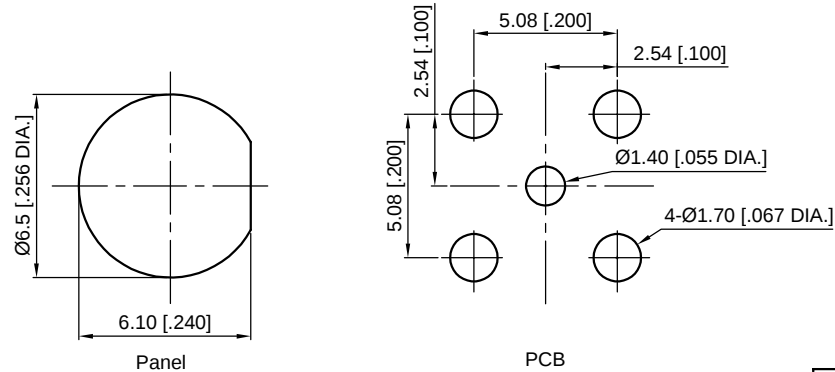
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
Salt Spray Test	48h
IP Rating	IP67 (mated and unmated)
Torque Force	17kgf.cm Min. (Between Front & Rear Body)
Pulling-out Force	180N Min (Between Front & Rear Body)
RoHS Compliant	Yes

Material & Finish

Body	Brass, 0.05 μ m Gold plated
Pin Contact	Beryllium Copper Alloy, 0.1 μ m Gold plated
Fastening Nut	Brass, 0.05 μ m Gold plated
Washer	Phosphor Bronze, 0.05 μ m Gold plated
Insulator	PTFE
O-Ring	Silicone Rubber

Interface Standards

SMA	IEC-60169
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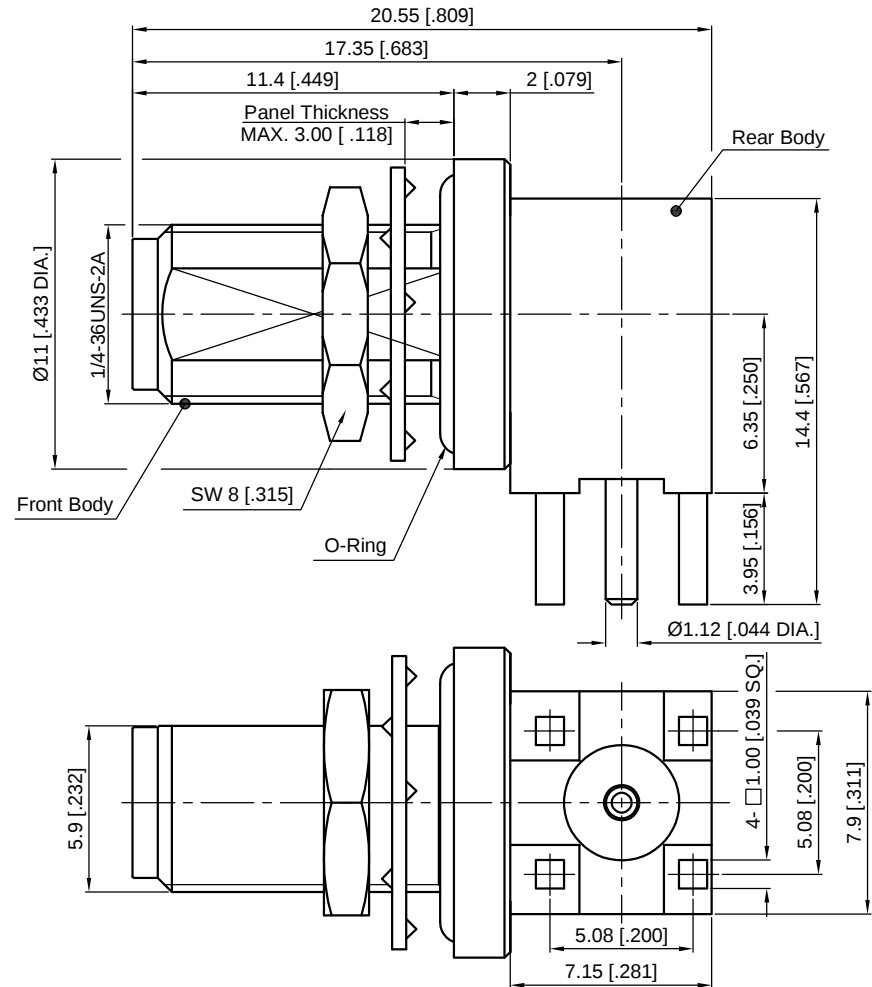


Recommended Mounting Hole

NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	02/08/2022	M. Dong
B	ADD MORE TECHNICAL DATA	—	02/08/2022	M. Dong



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].
UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:

.XX ± 0.13 [.005"]
X ± 0.20 [.008"]
X ± 0.50 [.019"]

ANGULAR TOLERANCES ARE: ALL $\pm 1^\circ$

DO NOT SCALE DRAWING

PROJECTION:



DRAWN:	L. Ma	02/08/2022
CHECKED:	J. Zhu	02/08/2022
APPROVED:	M. Dong	02/08/2022

TITLE:

SMA Right Angle Waterproof
Bulkhead Female for
PCB Board

CMPPTER[®]

Cmppter Electronics Co., Ltd. www.cmppter.com

PART No.:

60-12-5D2-432

SIZE:	SCALE:	SHEET:	REV:
A4	4:1	1/1	A