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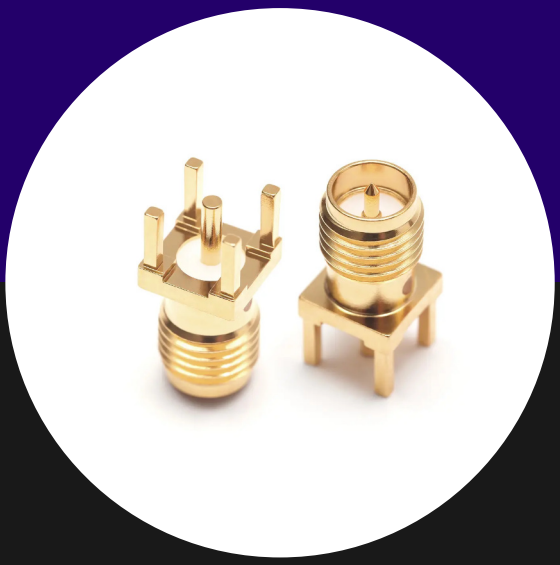
DATASHEET

CSMARP042

Connector



1. Features

- A PCB mounted Reverse Polarized (RP) SMA connector
- Maximum PCB thickness is 1.6mm
- RPSMA (Female) Straight Jack connector
- Gold plated for high reliability
- Rated for >500 cycles of connector insertion

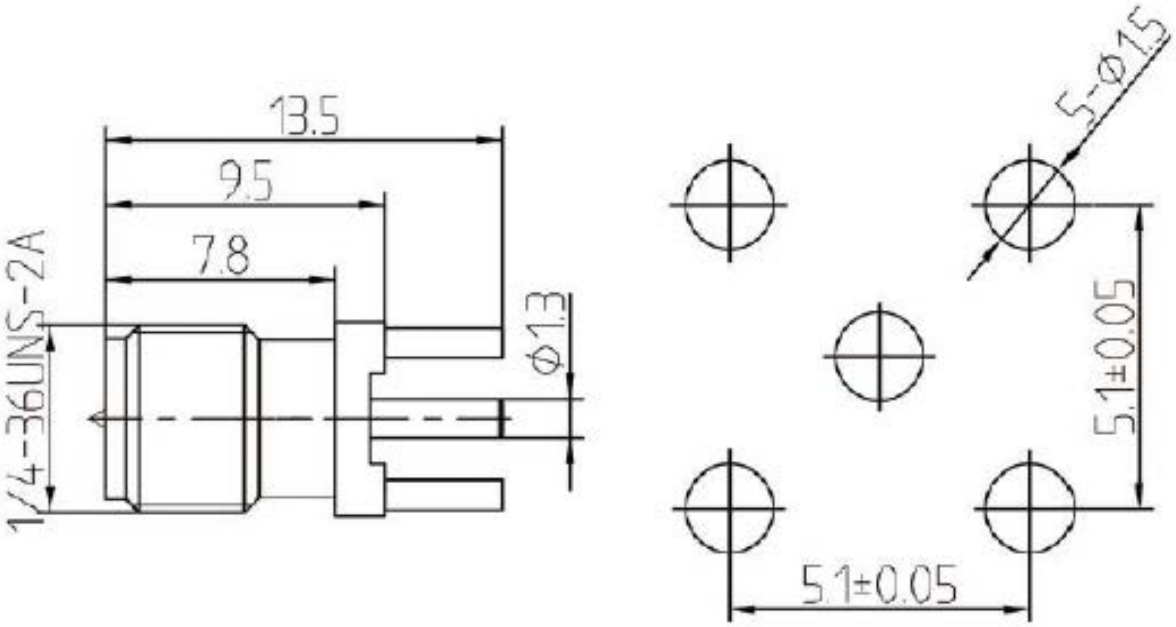
2. General data

Electrical	
Impedance	50Ω
Frequency Range	DC ~ 6GHz
Working Voltage	Max≦335 Vrms
Dielectric Withstanding Voltage	1000 Vrms
Insulation Resistance	≧5000mΩ
Center Contact Resistance	≦3mΩ
Outer Contact Resistance	≦2.5mΩ
Durability	>500 cycles
VSWR	1.20 : 1
Mechanical	
Connector Dimensions	13.5mm * 5.1mm
Connector Pin Dimension	1.3mm
Connector Type	RPSMA Jack Straight
Environmental	
Hazardous Material Regulation	RoHS compliant
Operating Temperature	-55C to +155C

3. Part number

CSMARP042

4. Drawing



Item	Description	Material	Finish	QTY
1	Body	Brass	Gold	1
2	Insulator	Teflon	White	1
3	Contact pin	Berylium Copper	Gold	1

Quality statements

Antenova's products conform to REACH and RoHS legislation. For our statements regarding these and other quality standards, please see **antenova.com**.

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Certification No. 11070
ISO 9001

Datasheet version

2.01 release 10th June 2026

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Antenna design, integration and test resources

Product designers – the details contained in this datasheet will help you to complete your embedded antenna design. Please follow our technical advice carefully to obtain optimum antenna performance.

We aim to support our customers to create high performance wireless products. You will find a wealth of design resources, calculators and case studies to aid your design on our website.

Antenova's design laboratories are equipped with the latest antenna design tools and test chambers. We provide antenna design, test and technical integration services to help you complete your design and obtain the required certifications.

If you cannot find the antenna you require in our product range, please contact us to discuss creating a custom antenna to meet your exact requirements.

Share knowledge with RF Experts around the world

ask.antenova is a global forum for designers and engineers working with wireless technology

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