

DATASHEET

CSMARPJ042 • CONNECTOR



Description

- RPSMA (F) Jack Straight Connector
- PCB Through Hole Mount
- Dimensions - 13.5mm x 5.1mm

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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

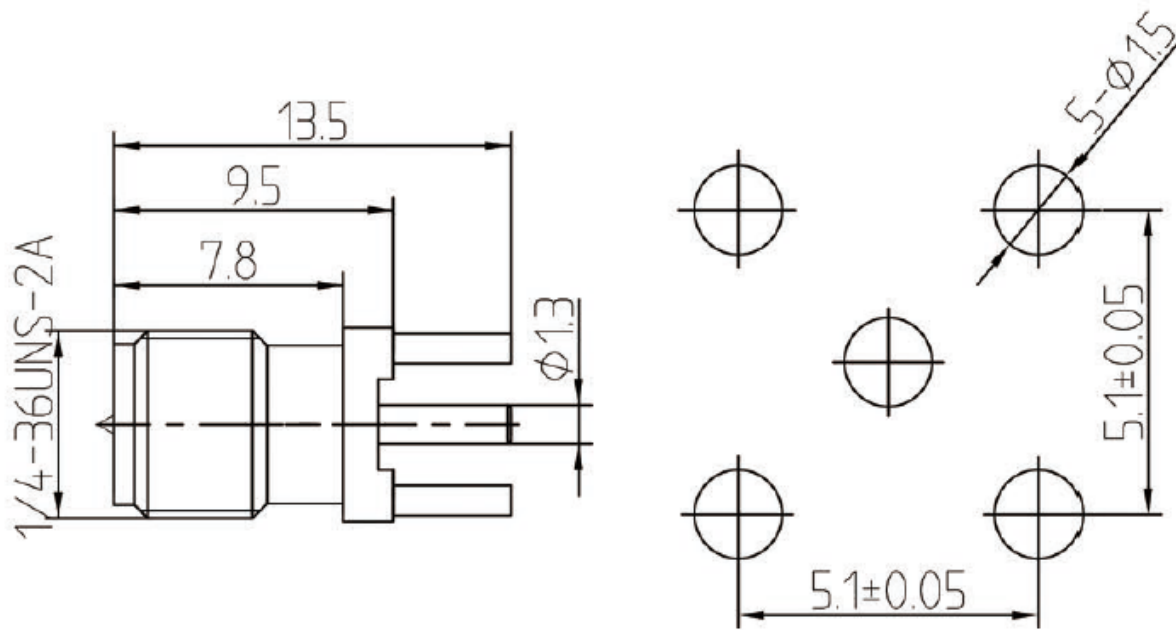
2. General data

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
VSWR	1.20 : 1
Durability	> 500 cycles
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	-55°C to +155°C

3. Part number

Part Number – CSMARPJ042

4. Drawing



		MATERIAL	FINISH	QTY
1	Body	Brass	Gold	1
2	Insulator	Teflon	White	1
3	Contact Pin	Beryllium Copper	Gold	1

5. Hazardous Material Regulation Conformance

The connector has been tested to conform to RoHS requirements.

A certification of conformance is available from Antenova's website.

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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Datasheet version

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