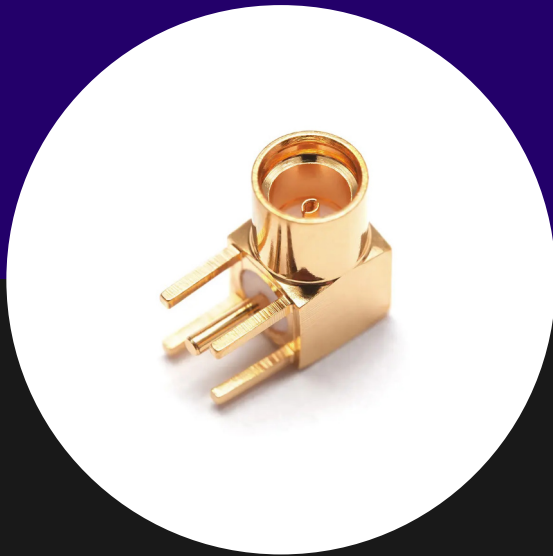


DATASHEET

CMMCXJ045

Connector



1. Features

- PCB mounted MMCX connector
- Maximum PCB thickness is 1.6mm
- MMCX Female 90 degrees RF connector
- Gold plated for high reliability

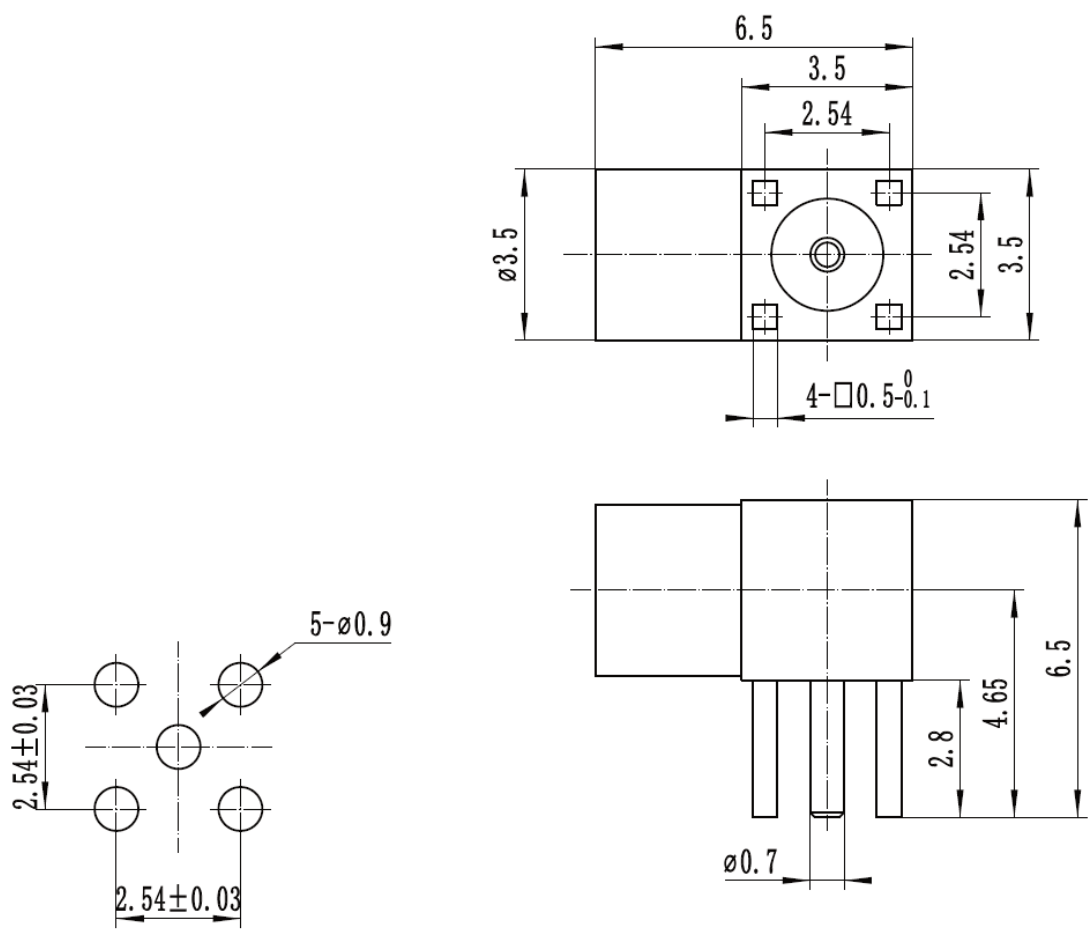
2. General data

Electrical	
Impedance	50 Ω
Frequency Range	DC ~ 6GHz
Working Voltage	Max $\leq$ 335 Vrms
Dielectric Withstanding Voltage	750 Vrms
Insulation Resistance	$\geq$ 1000m Ω
Center Contact Resistance	$\leq$ 10m Ω
Outer Contact Resistance	$\leq$ 5m Ω
VSWR	$\leq$ 1.3
Durability	>500 cycles
Mechanical	
Connector Dimensions	6.5mm * 6.5mm
Connector Pin Dimension	0.7mm
Connector Type	MMCX Right Angle Jack
Environmental	
Hazardous Material Regulation	RoHS compliant
Operating Temperature	-40C to +90C

3. Part number

CMMCXJ045

4. Drawing



Item	Description	Material	Finish	QTY
1	Body	Brass	Gold	1
2	Insulator	PTFE	White	1
3	Contact pin	Beryllium 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](https://www.antenova.com).

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Datasheet version

2.01 release 10th June 2026

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.

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Request a volume quotation for antennas:

sales@antenova.com

+ 44 (0) 23 9400 1023

Global headquarters

**Antenova Ltd, 7 The Briars,
Waterberry Drive, Waterlooville,
Hampshire, PO7 7YH**