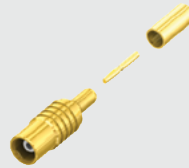


MMCX-P-C-H-RA-CA2



MCX-J-C-H-ST-CA1



MCX-P-C-H-RA-CA1



MMCX-CA, MCX-CA SERIES

# 50 Ω MMCX & MCX COMPONENTS

## SPECIFICATIONS

For complete specifications and assembly instructions see [www.samtec.com?MMCX-CA](http://www.samtec.com?MMCX-CA)

- Shell Material: Brass
- Insulator Material: PTFE
- Lead, Contact Socket and Outer Conductor Material: BeCu with Au plating
- Center Contact: Soldered
- Outer Ferrule: Crimped
- Operating Temp Range: -65 °C to +125 °C
- Impedance: 50 Ω
- Dielectric Withstanding Voltage: 500 Vrms, 50 Hz
- Dielectric Working Voltage: 170 Vrms, 50 Hz
- Frequency Range: 0-6 GHz (Cable dependent)

MMCX — GENDER — TYPE — PLATING — ORIENTATION — TERMINATION

**-P**  
= Plug

**-C**  
= Cable

**-H**  
= 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-CA1 & -CA2 only)

**-HF**  
= 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-CA1S only)

**-RA**  
= Right-angle

**-ST**  
= Straight

**-CA1**  
= RG 174/316 Cable

**-CA2**  
= RG 178 Cable

**-CA1S**  
= RG 316 Cable, Double Shield (-ST only)

**-RA-CA1 & -RA-CA2**

**-ST-CA1, -ST-CA2 & -ST-CA1S**

Supplied with pins and ferrules. See website for dimensions.

## SPECIFICATIONS

For complete specifications and assembly instructions see [www.samtec.com?MCX-CA](http://www.samtec.com?MCX-CA)

- Insulator Material: PTFE
- Contact Material: BeCu
- Shell and Pin Material: Brass
- Center Contact: Soldered
- Outer Ferrule: Crimped
- Operating Temp Range: -65 °C to +125 °C
- Impedance: 50 Ω
- Frequency Range: 0-6 GHz (Cable dependent)
- Dielectric Withstanding Voltage: 1,000 Vrms min, 50 Hz
- Dielectric Working Voltage: 335 Vrms max.

MCX — GENDER — TYPE — PLATING — ORIENTATION — TERMINATION

**-J**  
= Jack

**-P**  
= Plug

**-C**  
= Cable

**-H**  
= 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-CA1 & -CA2 only)

**-HF**  
= 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-CA1S only)

**-RA**  
= Right-angle (-P only)

**-ST**  
= Straight

**-CA1**  
= RG 174/316 Cable

**-CA2**  
= RG 178 Cable

**-CA1S**  
= RG 316 Cable, Double Shield (-ST only)

TYPE (-RA)	A	B
-P-CA1	(7.78) .306	(9.50) .374
-P-CA2	(8.58) .338	(10.00) .394

TYPE (-ST)	E	F
-J-CA1	(4.50) .177	(15.50) .610
-J-CA2	(4.78) .188	(15.00) .591
-J-CA1S	(4.50) .177	(15.50) .610

**-RA**

**-P-ST**

**J-ST**

Supplied with pins and ferrules. See website for dimensions.

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.