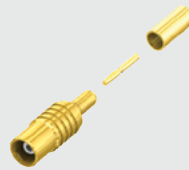


MMCX-P-C-H-RA-CA2



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

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

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.