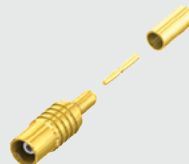


MMCX-P-C-H-RA-CA2



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)

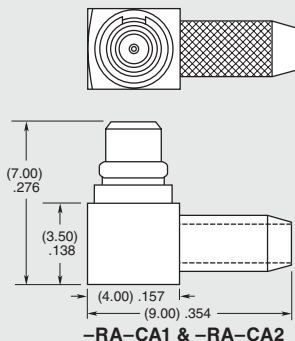
-RA
= Right-angle

-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)

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)

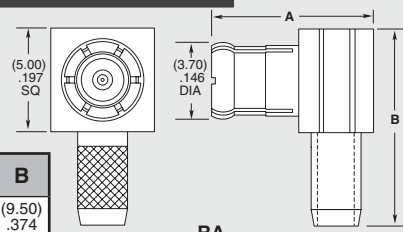
-RA
= Right-angle
(-P only)

-ST
= Straight

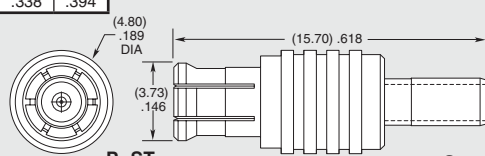
-CA1
= RG 174/316 Cable

-CA2
= RG 178 Cable

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



-RA



-P-ST



J-ST

Supplied with pins and ferrules. See website for dimensions.

TYPE (-RA)	A	B
-P-CA1	(.78) .306	(.95) .374
-P-CA2	(.88) .338	(1.00) .394

TYPE (-ST)	E	F
-J-CA1	(.45) .177	(15.50) .610
-J-CA2	(.48) .188	(15.00) .591
-J-CA1S	(.45) .177	(15.50) .610

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

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.

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[MCX-P-C-HF-ST-CA1S](#) [MCX-J-C-H-ST-CA2](#) [MCX-P-C-H-ST-CA2](#) [MCX-P-C-HN-ST-CA2](#) [MCX-P-C-HN-RA-CA1](#)
[MCX-P-C-HN-RA-CA2](#)