

MMCX-P-C-H-RA-CA2



MCX-J-C-H-ST-CA1



MCX-P-C-H-RA-CA1



MMCX-CA, MCX-CA SERIES

50Ω 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
- Insulation Resistance:** 1,000MΩ min
- Contact Resistance:** Center: 5mΩ Outer: 2.5mΩ
- Impedance:** 50Ω
- Dielectric Withstanding Voltage:** 500 Vrms, 50Hz
- Dielectric Working Voltage:** 170 Vrms, 50Hz
- Frequency Range:** 0~6 GHz (Cable dependent)

MMCX	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
-P = Plug	-C = Cable	-H = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (-CA1 & -CA2 only)	-RA = Right Angle	-ST = Straight	-CA1 = RG 174/316 Cable
					-CA2 = RG 178 Cable
		-HF = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (-CA1S only)			-CA1S = RG 316 Cable, Double Shield

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
- Insulation Resistance:** 1,000MΩ
- Contact Resistance:** Center: 5mΩ Outer: 2.5mΩ
- Impedance:** 50Ω
- Frequency Range:** 0~6 GHz (Cable dependent)
- V.S.W.R.:** 1.5 max (-RA) 1.3 max (-ST)
- Dielectric Withstanding Voltage:** 1,000 Vrms min, 50Hz
- Dielectric Working Voltage:** 335 Vrms max.

MCX	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
-J = Jack	-P = Plug	-C = Cable	-H = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (-CA1 & -CA2 only)	-RA = Right Angle (-P only)	-CA1 = RG 174/316 Cable
					-CA2 = RG 178 Cable
			-HF = 30μ" (0,76 μm) Gold center contact, 3μ" (0,08 μm) Gold outer contact (-CA1S only)		-CA1S = RG 316 Cable, Double Shield

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

Supplied with pins and ferrules. See website for dimensions.

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

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