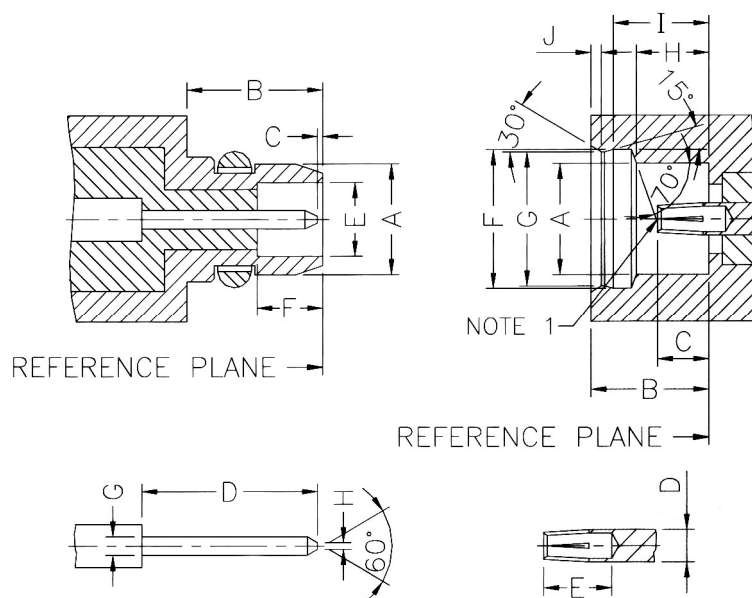


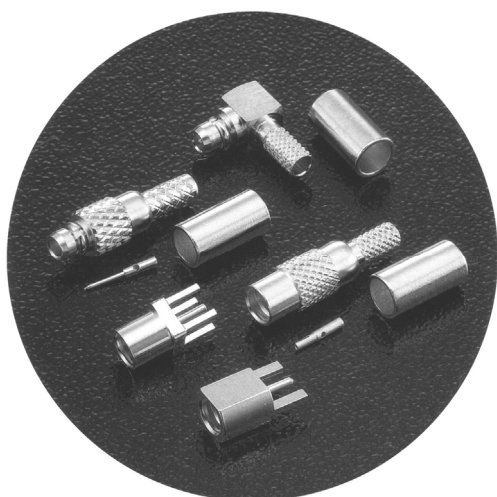
MMCX Series

MMCX series are intended for use in applications where the smallest dimensions have to be achieved. MMCX connectors can be used in applications from DC to 6GHz and aim to meet the expanding needs of surface mount coaxial interconnection system as well as the conventional connector styles for flexible and semi-rigid cables.

Interface Mating Dimensions



NOTE 1 : I.D. to meet V.S.W.R and CONTACT RESISTANCE when mated with 0.38/0.42mm DIA.PIN.



PLUG			JACK		
Letter	Millimeters		Letter	Millimeters	
	Min.	Max.		Min.	Max.
A	—	2.40	A	2.41	—
B	2.70	—	B	2.60	—
C	0.00	0.25	C	0.90	1.20
D	—	3.15	D	0.68	0.72
E	1.58	1.62	E	1.40	—
F	1.45	—	F	3.00	3.04
G	0.38	0.42	G	2.87	2.90
H	—	0.20	H	1.57	1.63
			I	2.30	2.34
			J	—	0.23

Specifications

Electrical		
Impedance		50 ohm
Frequency Range		0-6GHz
Working Voltage		170 VRMS Max.
Dielectric Withstanding Voltage		500 VRMS Min.
V.S.W.R	Straight	1.3 Max.
	Right Angle	1.5 Max.
Contact Resistance	Center Contact	5 Milliohms Max.
	Outer Contact	2.5 Milliohms Max.
Insulator Resistance		1000 Megohms Min.

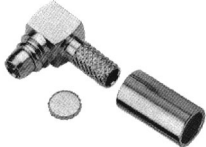
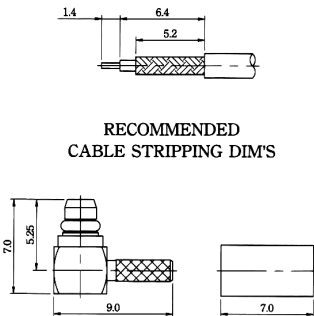
Mechanical & Environmental	
Engagement Force	3.4 lbs. Max.
Disengagement Force	1.4 lbs. - 3.4 lbs
Contact Retention	2.3 lbs. Min.
Durability(Mating)	500 cycles Min. (For Beryllium copper Jack contact only).
Temperature Range	-65°C to 155°C
Vibration	3 cycles, 3 opposite directions, 10 - 150Hz, 10 - 60Hz: 0.75mm/.030in., 60 - 150Hz 10G's
Temperature Shock	MIL-STD-202 Method 107.
Humidity	MIL-STD-202 Method 103, Test Cond. B.
Mechanical Shock	MIL-STD-202 Method 213, Test Cond. B.

Coaxial Connectors

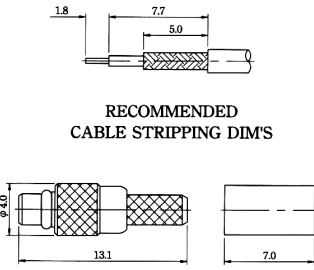
MMCX Series



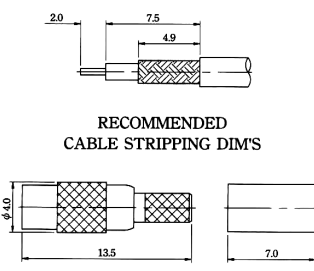
RIGHT ANGLE PLUG CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C18-016	MMCX-LP-174/U-T2	RG174/U, RG188A/U RG316/U	BS Au
		D-C18-017	MMCX-LP-316/U-T2	RG316/U (DOUBLE BRAIDED)	BS Au
		D-C18-006	MMCX-LP-178B/U-T2	RG178B/U RG196A/U	BS Au

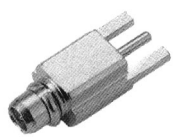
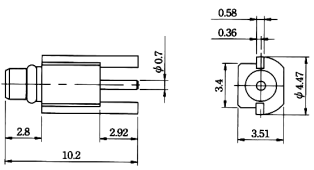
STRAIGHT PLUG CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C18-018	MMCX-P-174A/U-T2	RG174/U, RG188A/U RG316/U	BS Au
		D-C18-019	MMCX-P-316/U-T2	RG316/U (DOUBLE BRAIDED)	BS Au
		D-C18-020	MMCX-P-178B/U-T2	RG178B/U RG196A/U	BS Au

STRAIGHT JACK CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C18-021	MMCX-J-174A/U-T2	RG174/U, RG188A/U RG316/U	BS Au
		D-C18-022	MMCX-J-316/U-T2	RG316/U (DOUBLE BRAIDED)	BS Au
		D-C18-023	MMCX-J-178B/U-T2	RG178B/U RG196A/U	BS Au

STRAIGHT PLUG EDGE CARD

		Model No.	Model Name	Material & Finish
		D-C18-024	MMCX-PR	BS Au

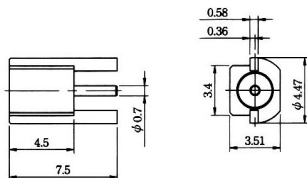
Coaxial Connectors

MMCX Series



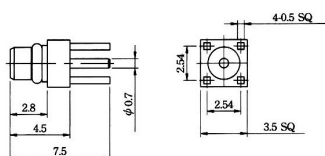
STRAIGHT JACK EDGECARD

		Model No.	Model Name	Material & Finish
		D-C18-025	MMCX-R	BS Au



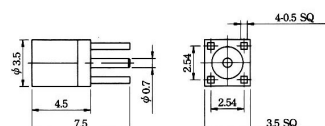
STRAIGHT PLUG P.C.B.

		Model No.	Model Name	Material & Finish
		D-C18-026	MMCX-PR-PCB	BS Au



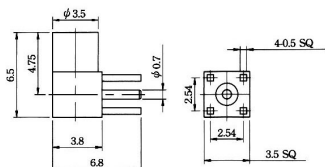
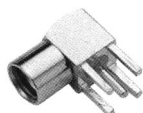
STRAIGHT JACK P.C.B.

		Model No.	Model Name	Material & Finish
		D-C18-027	MMCX-R-PCB	BS Au



RIGHT ANGLE JACK P.C.B.

		Model No.	Model Name	Material & Finish
		D-C18-028	MMCX-LR-PCB	BS Au

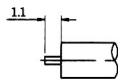
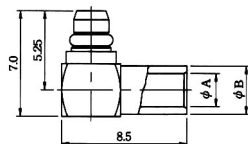


Coaxial Connectors

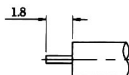
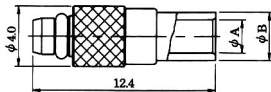
MMCX Series



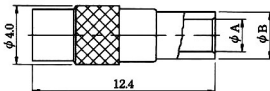
RIGHT ANGLE PLUG SEMI-RIGID

	 RECOMMENDED CABLE STRIPPING DIM'S  .085" Cable A=2.2 min B=3.2 min .141" Cable A=3.6 min B=4.6 min	Model No.	Model Name	Cables	Material & Finish
		D-C18-029	MMCX-LP-RG402	RG402 (SEMI-RIGID)	BS Au
		D-C18-030	MMCX-LP-RG405	RG405 (SEMI-RIGID)	BS Au

STRAIGHT PLUG SEMI-RIGID

	 RECOMMENDED CABLE STRIPPING DIM'S  .085" Cable A=2.2 min B=3.2 min .141" Cable A=3.6 min B=4.6 min	Model No.	Model Name	Cables	Material & Finish
		D-C18-031	MMCX-P-RG402	RG402 (SEMI-RIGID)	BS Au
		D-C18-032	MMCX-P-RG405	RG405 (SEMI-RIGID)	BS Au

STRAIGHT JACK SEMI-RIGID

	 RECOMMENDED CABLE STRIPPING DIM'S  .085" Cable A=2.2 min B=3.2 min .141" Cable A=3.6 min B=4.6 min	Model No.	Model Name	Cables	Material & Finish
		D-C18-033	MMCX-J-RG402	RG402 (SEMI-RIGID)	BS Au
		D-C18-034	MMCX-J-RG405	RG405 (SEMI-RIGID)	BS Au