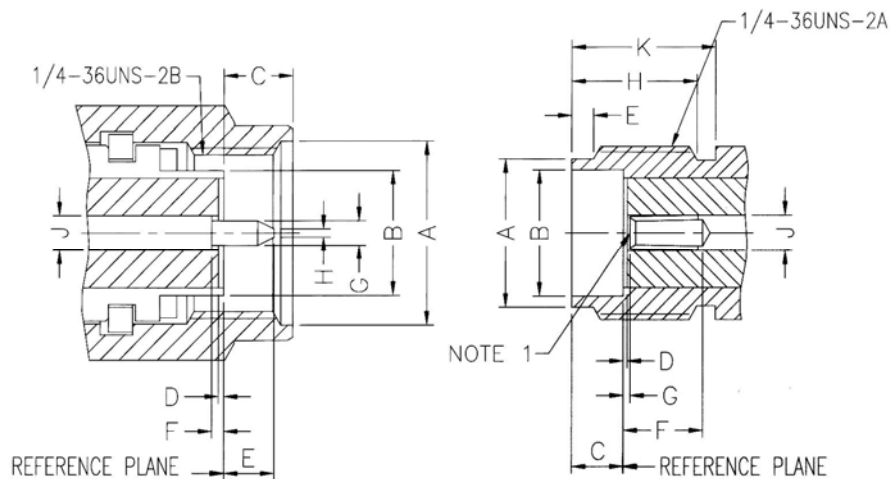


SMA Series

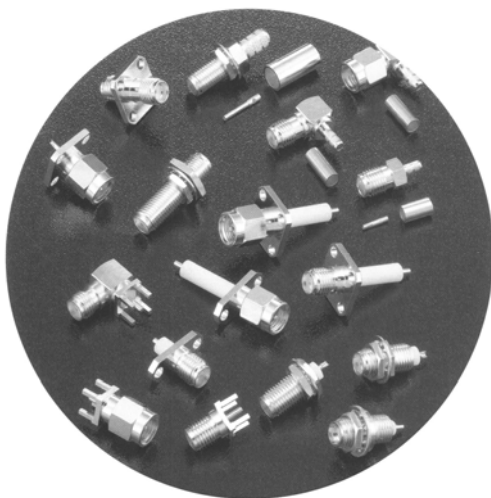
SMA connectors are subminiature units designed to provide high electrical performance for microwave applications up to 18GHz.

Constructed with Brass or high quality stainless steel, SMA connectors ensure excellent durability and mechanical strength.

Interface Mating Dimensions



NOTE 1 : I.D. to meet V.S.W.R and CONTACT RESISTANCE when mated with 0.9/0.94mm DIA.PIN.



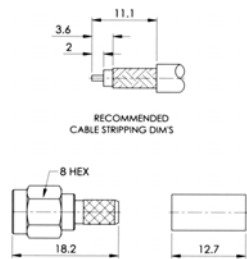
PLUG			JACK		
Letter	Millimeters		Letter	Millimeters	
	Min.	Max.		Min.	Max.
A	6.35	6.73	A	5.28	5.49
B	4.53	4.59	B	4.60	4.67
C	2.54	3.43	C	1.88	1.98
D	0.00	0.25	D	0.00	0.25
E	1.91	2.54	E	0.38	1.14
F	0.00	0.25	F	2.92	—
G	0.90	0.94	G	0.00	0.25
H	0.00	0.38	H	4.32	—
J	1.24	1.30	J	1.24	1.30
			K	5.54	—

Specifications

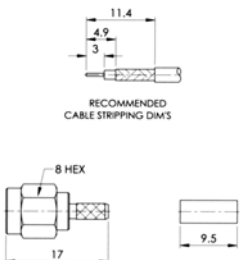
Electrical		
Impedance		50 ohm
Frequency Range		0-12.4GHz on Flexible cable 0-18 GHz on Semi-rigid cable
Working Voltage		RG178 : 170 VRMS Max. RG316,.085" : 250 VRMS Max. RG142,.141" : 335 VRMS Max.
Dielectric Withstanding Voltage		RG178 : 500 VRMS Min. RG316,.085" : 750 VRMS Min. RG142,.141" : 1000VRMS Min.
V.S.W.R	Straight	1.3 Max.
	Right Angle	1.5 Max.
Contact Resistance	Center Contact	6 Milliohms Max.
	Outer Contact	2 Milliohms Max.
Insulator Resistance		5000 Megohms Min.

Mechanical & Environmental	
Engagement Force	2 in-lbs.Max.
Disengagement Force	2 in-lbs.Max.
Coupling Nut Retention	60 lbs Min.
Coupling Proof Torque	15 in-lbs.Min.
Contact Retention	6 lbs Min.
Durability(Mating)	500 cycles Min. (For Beryllium copper Jack contact only).
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B.

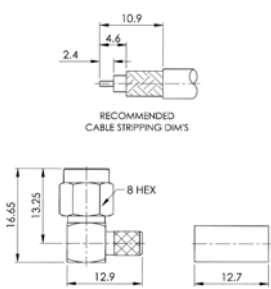
STRAIGHT PLUG CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-273	SMA-P-55A/U	RG55/U RG142/U RG223/U RG400	BS Au
		D-C06-274	SMA-P-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Au

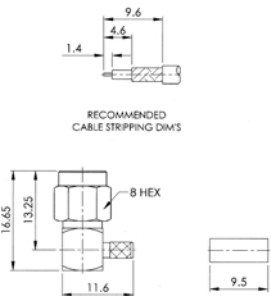
STRAIGHT PLUG CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-275	SMA-P-174/U	RG174/U RG188A/U RG316/U	BS Au
		D-C06-276	SMA-P-178B/U	RG178/U RG196/U	BS Au

RIGHT ANGLE PLUG CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-277	SMA-LP-55A/U	RG55/U RG142/U RG223/U, RG400	BS Au
		D-C06-278	SMA-LP-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U, RG303/U	BS Au

RIGHT ANGLE PLUG CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-279	SMA-LP-174/U	RG174/U RG188A/U RG316/U	BS Au
		D-C06-280	SMA-LP-178B/U	RG178/U RG196/U	BS Au

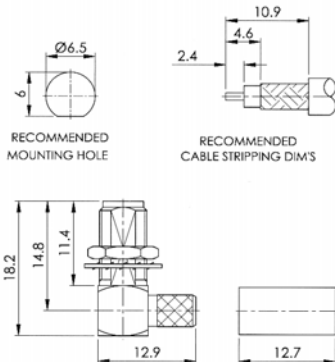
STRAIGHT JACK CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-061	SMA-J-55A/U	RG55/U RG142/U RG223/U, RG400	BS Au
		D-C06-063	SMA-J-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U, RG303/U	BS Au

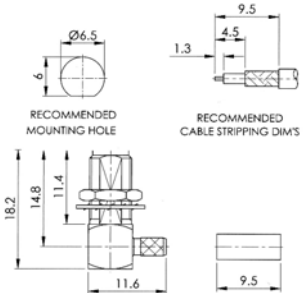
STRAIGHT JACK CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-147	SMA-J-174/U	RG174/U RG188A/U RG316/U	BS Au
		D-C06-149	SMA-J-178B/U	RG178/U RG196/U	BS Au

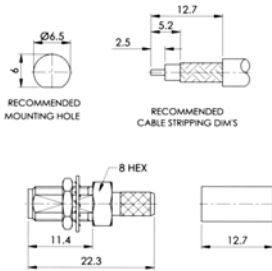
RIGHT ANGLE JACK CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-151	SMA-LJ-58A/U	RG58/U, RG58A/U RG58C/U RG141/U RG303/U	BS/Au
		D-C06-153	SMA-LJ-55A/U	RG55/U, RG142/U RG223/U, RG400	BS/Au

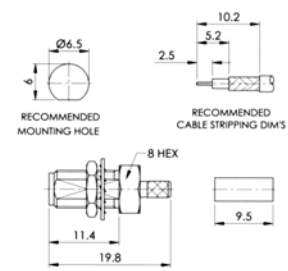
RIGHT ANGLE JACK CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-155	SMA-LJ-174/U	RG174/U RG188A/U RG316/U	BS/Au
		D-C06-157	SMA-LJ-178B/U	RG178/U RG196/U	BS/Au

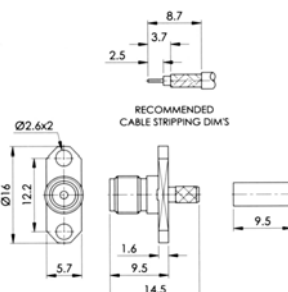
STRAIGHT JACK BULKHEAD CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-085	SMA-BJ-55A/U	RG55/U RG142/U RG223/U RG400	BS Au
		D-C06-087	SMA-BJ-58A/U	RG58/U RG58A/U RG58C/U RG141/U RG303/U	BS Au

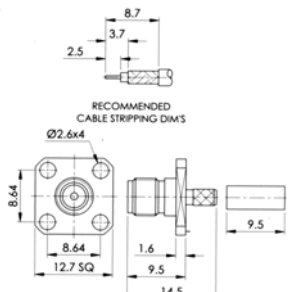
STRAIGHT JACK BULKHEAD CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-159	SMA-BJ-174/U	RG174/U RG188A/U RG316/U	BS Au
		D-C06-161	SMA-BJ-178B/U	RG178/U RG196/U	BS Au

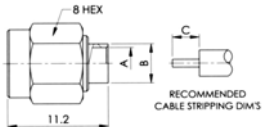
STRAIGHT JACK PANEL CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-165	SMA-PJ-174/U	RG174/U RG188A/U RG316/U	BS Au
			SMA-PJ-316D/U	RG316D/U	BS Au

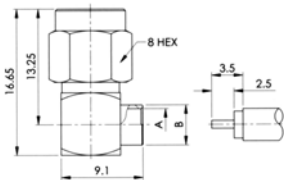
STRAIGHT JACK PANEL CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C06-169	SMA-PJ-174/U	RG174/U RG188A/U RG316/U	BS Au
			SMA-PJ-316D/U	RG316D/U	BS Au

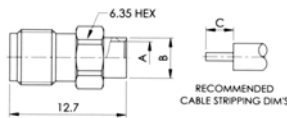
STRAIGHT PLUG Semi-rigid

	 .085" Cable A=2.25 min B=3.2 min C=3.8 .141" Cable A=3.65 min B=4.5 min C=3	Model No.	Model Name	Cables	Material & Finish
		D-C06-005	SMA-P-RG405	RG405 (SEMI-RIGID)	BS Au
		D-C06-006			SUS Au
		D-C06-133	SMA-P-RG402	RG402 (SEMI-RIGID)	BS Au
		D-C06-129			SUS Au

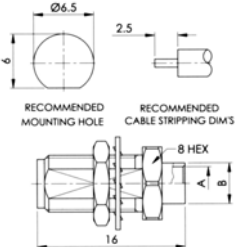
RIGHT ANGLE PLUG Semi-rigid

	 .085" Cable A=2.25 min B=3.2 min .141" Cable A=3.65 min B=4.5 min	Model No.	Model Name	Cables	Material & Finish
		D-C06-027	SMA-LP-RG405	RG405 (SEMI-RIGID)	BS Au
		D-C06-029			SUS Au
		D-C06-031	SMA-LP-RG402	RG402 (SEMI-RIGID)	BS Au
		D-C06-032			SUS Au

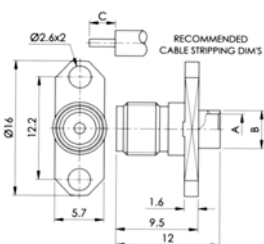
STRAIGHT JACK Semi-rigid

	 .085" Cable A=2.25 min B=3.2 min C=2.5 .141" Cable A=3.65 min B=4.5 min C=2	Model No.	Model Name	Cables	Material & Finish
		D-C06-053	SMA-J-RG405	RG405 (SEMI-RIGID)	BS Au
		D-C06-054			SUS Au
		D-C06-055	SMA-J-RG402	RG402 (SEMI-RIGID)	BS Au
		D-C06-056			SUS Au

STRAIGHT JACK Semi-rigid

	 .085" Cable A=2.25 min B=3.2 min .141" Cable A=3.65 min B=4.5 min	Model No.	Model Name	Cables	Material & Finish
		D-C06-077	SMA-J-RG405	RG405 (SEMI-RIGID)	BS Au
		D-C06-078			SUS Au
		D-C06-079	SMA-J-RG402	RG402 (SEMI-RIGID)	BS Au
		D-C06-080			SUS Au

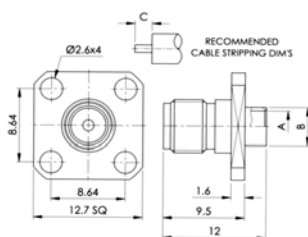
STRAIGHT JACK PANEL CRIMP Semi-rigid



.141" Cable A=3.65 min B=4.5 min C=2

Model No.	Model Name	Cables	Material & Finish
D-C06-173	SMA-PJ-RG405	RG405 (SEMI-RIGID)	BS Au
D-C06-174			SUS Au
D-C06-171	SMA-PJ-RG402	RG402 (SEMI-RIGID)	BS Au
D-C06-172			SUS Au

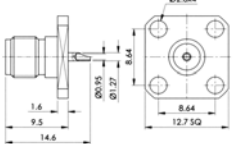
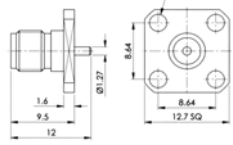
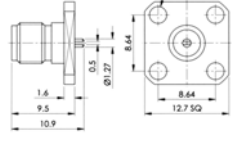
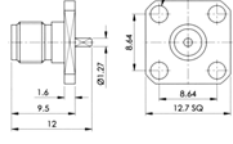
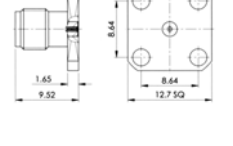
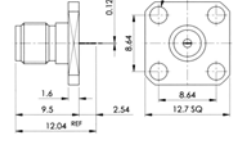
STRAIGHT JACK PANEL CRIMP Semi-rigid



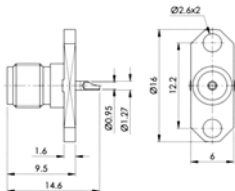
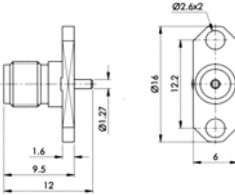
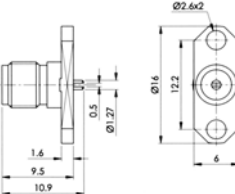
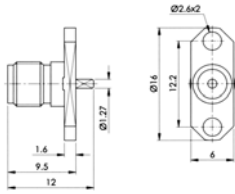
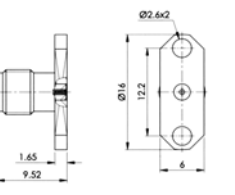
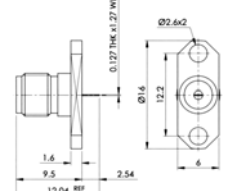
.085" Cable A=2.25 min B=3.2 min C=2.5
.141" Cable A=3.65 min B=4.5 min C=2

Model No.	Model Name	Cables	Material & Finish
D-C06-176	SMA-PJ-RG405	RG405 (SEMI-RIGID)	BS Au
D-C06-177			SUS Au
D-C06-128	SMA-PJ-RG402	RG402 (SEMI-RIGID)	BS Au
D-C06-175			SUS Au

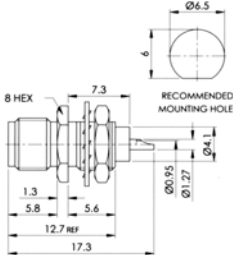
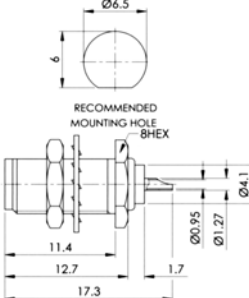
**STRAIGHT JACK PECEPTACLE
4 HOLE SQ FLANGH**

		Model No.	Model Name	Material & Finish
		D-C06-101	SMA-R	BS Au
				
		Model No.	Model Name	Material & Finish
		D-C06-208	SMA-R	BS Au
				
		Model No.	Model Name	Material & Finish
		D-C06-210	SMA-R	BS Au
				
		Model No.	Model Name	Material & Finish
		D-C06-212	SMA-R	BS Au
				
		Model No.	Model Name	Material & Finish
		D-C06-214	SMA-R	BS Au
				
		Model No.	Model Name	Material & Finish
		D-C06-216	SMA-R	BS Au
				

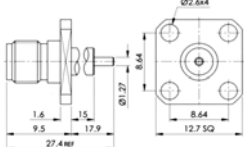
STRAIGHT JACK PECEPTACLE 2 HOLE FLANGH

Model No.		Model Name		Material & Finish	
			D-C06-104	SMA-R	BS Au
			D-C06-218	SMA-R	BS Au
			D-C06-220	SMA-R	BS Au
			D-C06-222	SMA-R	BS Au
			D-C06-224	SMA-R	BS Au
			D-C06-226	SMA-R	BS Au

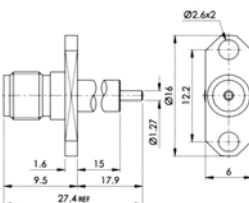
STRAIGHT JACK BULKHEAD RECEPTACLE

		Model No.	Model Name	Material & Finish
		D-C06-202	SMA-BR	BS Au
		Model No.	Model Name	Material & Finish
		D-C06-107	SMA-BR	BS Au

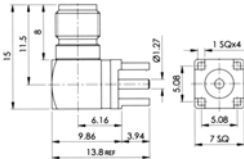
STRAIGHT JACK PECEPTACLE EXPOSED TEFLON TYPE

		Model No.	Model Name	Material & Finish
		D-C06-247	SMA-R	BS Au

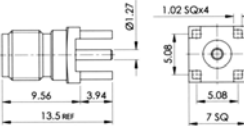
STRAIGHT JACK PECEPTACLE EXPOSED TEFLON TYPE

		Model No.	Model Name	Material & Finish
		D-C06-249	SMA-R	BS Au

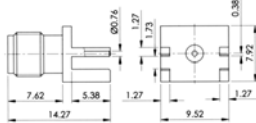
RIGHT ANGLE JACK P.C.B.

		Model No.	Model Name	Material & Finish
		D-C06-234	SMA-LR-PCB	BS Au

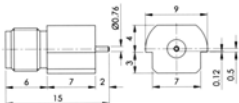
STRAIGHT JACK P.C.B.

		Model No.	Model Name	Material & Finish
		D-C06-236	SMA-R-PCB	BS Au

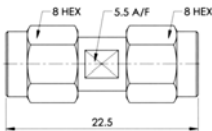
END LAUNCH JACK P.C.B.

		Model No.	Model Name	Material & Finish
		D-C06-240	SMA-R-PCB	BS Au

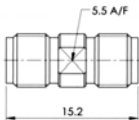
END LAUNCH JACK

		Model No.	Model Name	Material & Finish
		D-C06-245	SMA-R-PCB	BS Au

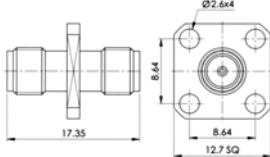
PLUG TO PLUG ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-295	SMA-A-PP	BS Au

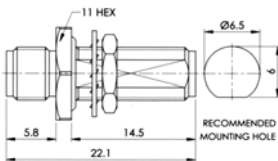
JACK TO JACK ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-297	SMA-A-JJ	BS Au

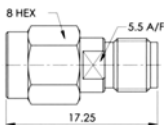
JACK TO JACK PANEL ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-298	SMA-PA-JJ	BS Au

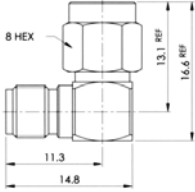
JACK TO JACK BULKHEAD ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-232	SMA-PA-JJ	BS Au

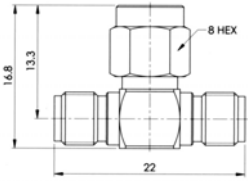
PLUG TO JACK ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-299	SMA-A-PJ	BS Au

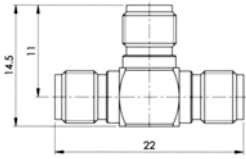
RIGHT ANGLE PLUG TO JACK ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-300	SMA-LA-PJ	BS Au

PLUG TO DOUBLE JACK "T" ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-301	SMA-TA-JPJ	BS Au

THREE JACK "T" ADAPTER

		Model No.	Model Name	Material & Finish
		D-C06-302	SMA-TA-JJJ	BS Au