



SSMB Series

SSMB Series

SSMB series is a micro-miniature connector supplied with snap on interface, which provides a quick connection and disconnection in small spaces. The SSMB connectors can be operated up to 3GHz, and its impedance is controlled at 50 ohms. This series is suitable for the standard ranges of flexible cables, and it's also available as a PCB mounted version.

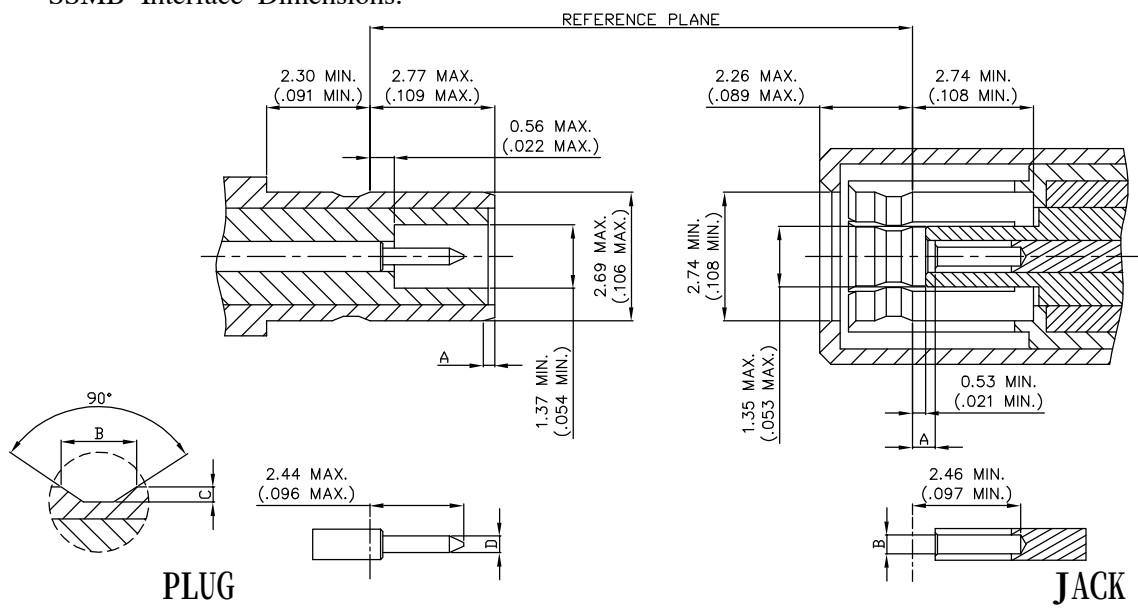
Applications:

- *mobile communication systems
- *civil and military telecommunications
- *video equipment

Interface dimensions conformable to the Standards:

International: IEC 169-19

SSMB Interface Dimensions:



SSMB Series					
PLUG			JACK		
	Minimum	Maximum	Minimum	Maximum	
A	0.00<.000>	0.51<.020>	0.53<.021>	0.89<.035>	A
B	0.63<.002>	0.74<.029>	0.356<.014>	0.381<.150>	B
C	0.05<.002>	0.15<.006>			
D	0.356<.014>	0.381<.150>			

*Millimeters(Inches)



Materials :

Connector part	Material	Finish
Bodies	Brass	Nickel or Gold
Center Contact	Male: Brass Female: Beryllium copper	Gold
Insulator	Teflon	N/A
Crimp ferrule	Annealed copper	Nickel or Gold

Electrical :

Electrical Data	Detail		
Impedance	50 ohm		
Frequency range	0~3 GHz		
Working voltage	250 volts rms max.		
Insulation resistance	1,000 megohms min.		
Contact resistance	Center contact: 6 milliohms max. Outer contact: 1.5 milliohms max.		
VSWR: f (GHz)		Straight	Right angle
	RG178/U	1.25+0.020f	1.25+0.030f
	RG174, 316/U	1.30+0.020f	1.30+0.030f
	RG405 (.085")	1.25+0.015f	1.25+0.025f
Insertion loss	0.3dB max.		

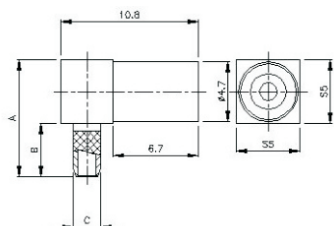
Mechanical :

Mechanical Data	Detail
Engagement force	8 lbs max.
Disengagement force	2 inch-pound min.
Connector durability	500 cycles min.
Contact retention	2 lbs min. axial force

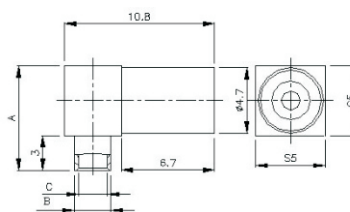
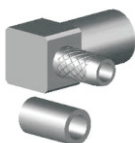
Environmental :

Environmental Data	Detail
Corrosion (Salt spray)	MIL-STD-202 METHOD 101 CONDITION B
Thermal shock	MIL-STD-202 METHOD 107 CONDITION B
Vibration	MIL-STD-202 METHOD 204 CONDITION B
Mechanical shock	MIL-STD-202 METHOD 213 CONDITION B
Temperature range	-65°C to 165°C

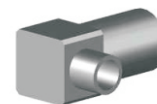
SOLDER FOR SEMI-RIGID CABLE



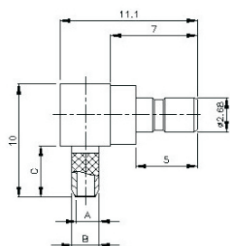
PART NUMBER:
SSMB-02LV5-TGG RD-316/U
SSMB-02LV1-TGG RG-174,316/U
SSMB-02M-TGG RG-178/U
SSMB-02U-TGG 1.30MM CABLE



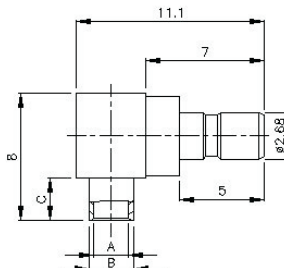
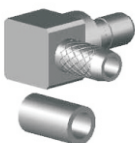
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SSMB-02V1-TGG RG-405/U(.085")
SSMB-02V3-TGG M17/151(.047")



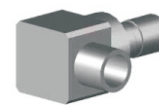
SOLDER FOR SEMI-RIGID CABLE



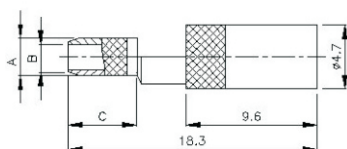
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SSMB-04LV5-TGG RD-316/U
SSMB-04LV1-TGG RG-174,316/U
SSMB-04M-TGG RG-178/U
SSMB-04U-TGG 1.30MM CABLE



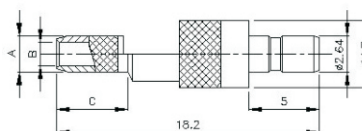
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SSMB-04V1-TGG RG-405/U(.085")
SSMB-04V3-TGG M17/151(.047")



PLUG



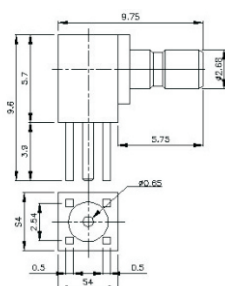
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SSMB-01LV1-TGG RG-174.316/U
SSMB-01M-TGG RG-178/U
SSMB-01U-TGG 1.30MM CABLE



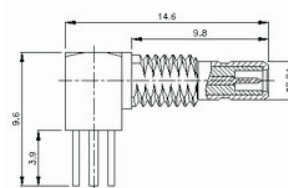
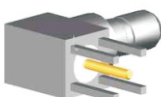
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SSMB-03LV5-TGG RD-316/U
SSMB-03LV1-TGG RG-174,316/U
SSMB-03M-TGG RG-178/U
SSMB-03U-TGG 1.30MM CABLE



BULKHEAD



PART NUMBER:
SSMB-05-TGG



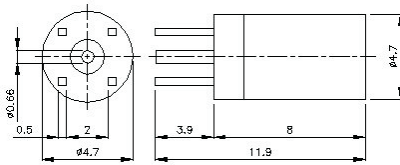
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SSMB-05V4 -TGG



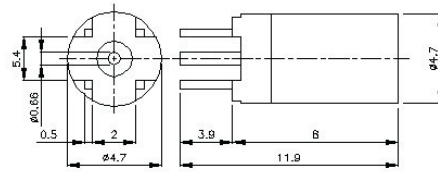
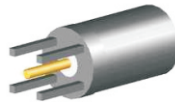


SSMB

SSMB STRAIGHT JACK FOR PCB RECEPTACLE



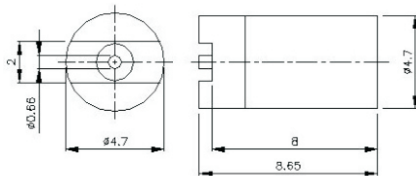
PART NUMBER:
SSMB-06-TGG



PART NUMBER:
SSMB-06V4-TGG



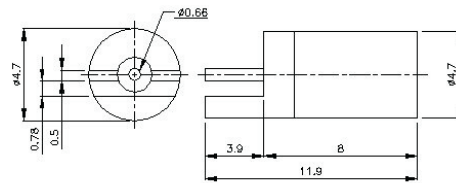
SSMB JACK SURFACE MOUNT



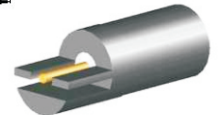
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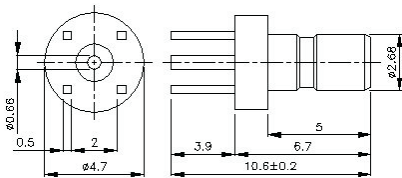
SSMB JACK END LAUNCH



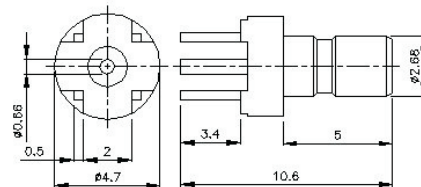
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SSMB-06V6-TGG



SSMB STRAIGHT PLUG PCB MOUNT RECEPTACLE



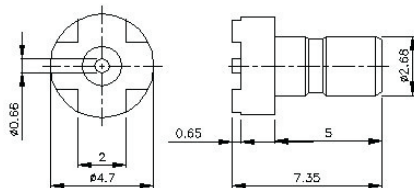
PART NUMBER:
SSMB-07-TGG



PART NUMBER:
SSMB-07V4-TGG



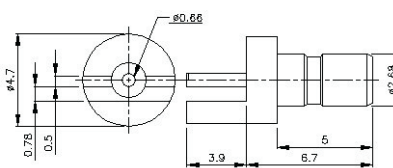
SSMB PLUG SURFACE MOUNT



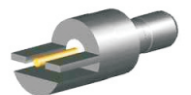
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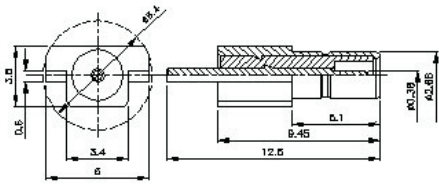
SSMB PLUG END LAUNCH



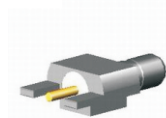
PART NUMBER:
SSMB-07V6-TGG



SSMB STRAIGHT EDGE MOUNT

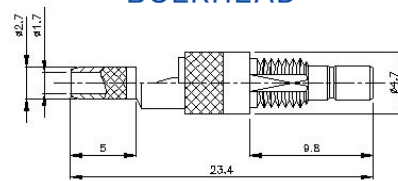


PART NUMBER:
SSMB-09-TGG



SSMB CRIMP FOR CABLE TYPE

BULKHEAD

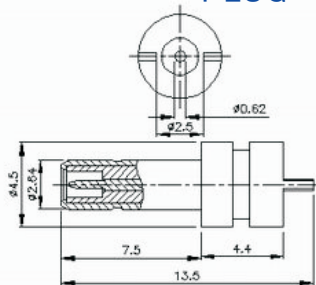


PART NUMBER:
SSMB-10LV5-TGG RD-316/U
SSMB-10LV1-TGG RG-174,316/U
SSMB-10M-TGG RG-178/U
SSMB-10U-TGG 1.30MM CABLE



SSMB STRAIGHT EDGE MOUNT RECEPTACLE

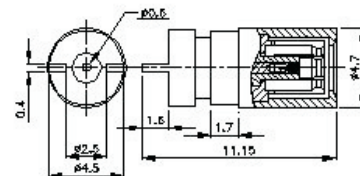
PLUG



PART NUMBER:
SSMB-13 -TGG



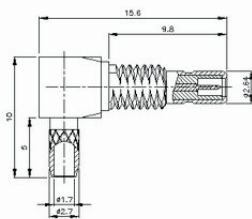
JACK



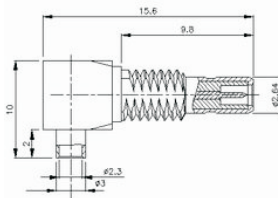
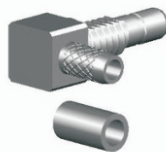
PART NUMBER:
SSMB-18 -TGG



SSMB RIGHT ANGLE PLUG BULKHEAD CRIMP FOR CABLE TYPE



PART NUMBER:
SSMA-14LV1-TGG RG-316/U
SSMA-14M-TGG RG-178/I

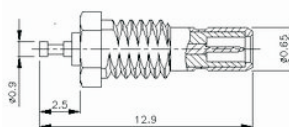


PART NUMBER:
SSMA-14V1-TGG RG-405/U(.085")
SSMA-14V3-TGG M17/151(.047")



SSMB STRAIGHT PLUG BULKHEAD RECEPTACLE

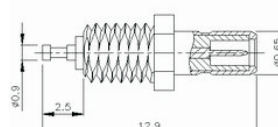
REAR MOUNT



PART NUMBER:
SSMB-15 -TGG



FRONT MOUNT



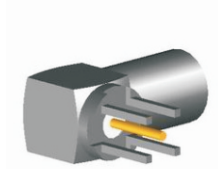
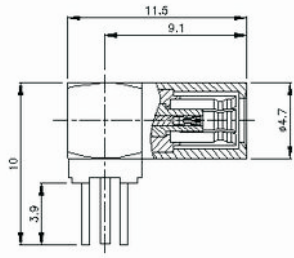
PART NUMBER:
SSMB-15V4-TGG





SSMB

SSMB RIGHT ANGLE PCB MOUNT RECEPTCLE



PART NUMBER:
SSMB-16-TGG