



The SMC series are screw coupling miniature coaxial connectors which are produced according to the specifications of MIL-C-39012, IEC 169-9 and CECC 22140. They have the characteristics of light weight, small size and vibration-proof, are especially suitable for connection with RF coaxial cables in electronic equipment and instrument.

## TECHNICAL CHARACTERISTICS

### Environmental

Temperature range	-65~+165°C
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### Electrical Characteristics

Characteristic impedance	50Ω
Working voltage	250V
Frequency range	0-10GHz
Dielectric withstanding voltage	750V
Contact resistance	Center contact ≤ 6mΩ , Outer contact: ≤ 1mΩ
Insulation resistance	≥ 1000MΩ
VSWR	straight
	right angled
	≤ 1.25
	≤ 1.35

### Material and Plating

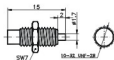
Body	Brass, gold/nickel plated
Male center contacts	Brass, gold plated
Female center contacts	Beryllium copper, gold plated
Insulators	PTFE
Crimp ferrules	Copper alloy, gold or nickel plated

### Mechanical Characteristics

Durability	500 cycles
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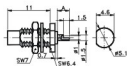
## 4. BULKHEAD MOUNT RECEPTACLES

Straight Screw Mount Jack Receptacle



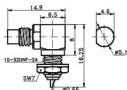
Part Number	GB Type	Remarks
SMC1134004	SMC-JY-1	

Straight Bulkhead Jack Receptacle



SMC1134001	SMC-JY-3	A=3.0
SMC1134002	SMC-JY-4	A=4.0

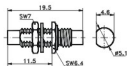
Right Angle Bulkhead Jack Receptacle



SMC2134001	SMC-JWY	
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## 5. IN SERIES ADAPTERS

Straight Bulkhead Jack To Jack



SMC1136001	SMC-JYJ	
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Straight Plug To Plug



SMC1216001	SMC-KK	
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