

## SERIES SMC RF COAXIAL CONNECTORS

SMC connectors are used in applications requiring rapid connection and disconnection, even where space is limited. The inside structure of the SMC is the same as the SMB. The SMC connector is recommended for rack and panel applications up to 11 GHz.



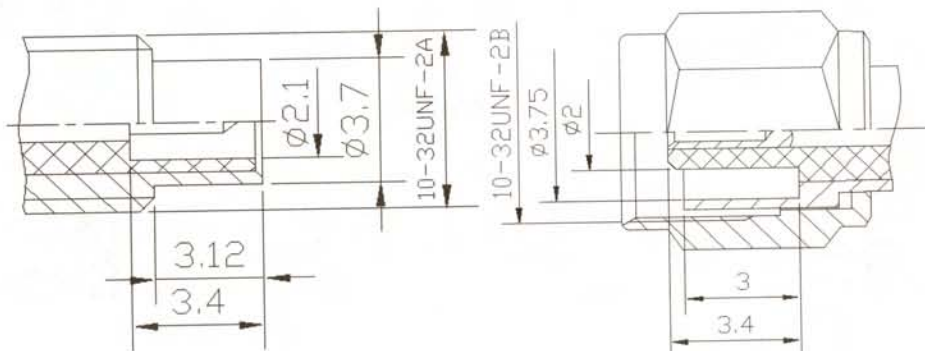
### Key performance

- Characteristic Impedance : 50  $\Omega$
- Frequency range : 0~11GHz
- Contact resistance :
  - Center conductor  $\leq 6.0m \Omega$
  - Out conductor  $\leq 1.0m \Omega$
- Insulation resistance :  $\geq 1000M \Omega$
- Insulator voltage withstanding : 750V
- VSWR :  $\leq 1.30$
- Connector durability : 500 cycles

Applicable spec/std : MIL-C-39012

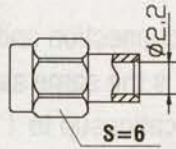
### Material

- Center contacts:
  - Male---brass, gold plated.
  - Female---beryllium copper, gold plated
- Bodies other metal parts:
  - brass, gold plated
- Insulators: TFE
- Crimp ferrule: copper, nickel plated.
- Gasket and seal rings: silicone rubber
- Heat-shrink tubing: thermofit plastic.



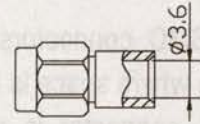
**SMC-KB2**

Cable code: B2



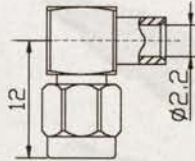
**SMC-KB3**

Cable code: B3



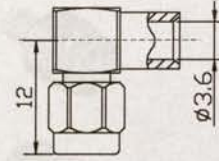
**SMC-KWB2**

Cable code: B2



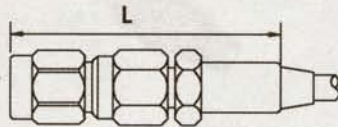
**SMC-KWB3**

Cable code: B3



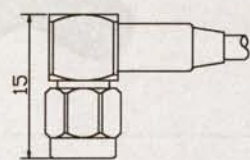
**SMC-K2 SMC-K3**

Type	Cable code	L
SMC-K2	2	24
SMC-K3	3	28



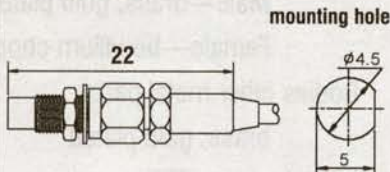
**SMC-KW2 SMC-KW3**

Type	Cable code
SMC-KW2	2
SMC-KW3	3



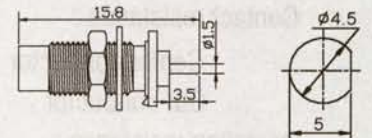
**SMC-JY2 SMC-JY3**

Type	Cable type
SMC-JY2	2
SMC-JY3	3



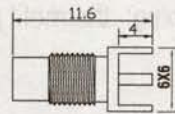
**SMC-JY**

mounting hole



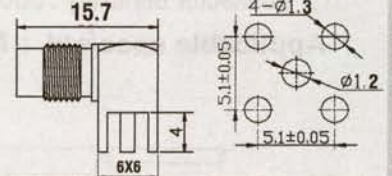
**SMC-JHD**

mounting hole



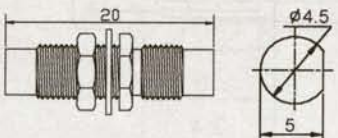
**SMC-JWHD**

mounting hole



**SMC-JJY**

mounting hole



**SMC-KK**

