



SSMB specification sheet

Electrical characteristics		
Impedance		50 Ω
Maximum frequency		4 GHz
Working voltage		250 V _{RMS} max.
Dielectric withstanding voltage		500 V _{RMS} min.
VSWR	Straight	1.3+[0.02xF (GHz)] max.
	Right angle	1.3+[0.03xF (GHz)] max.
Contact resistance	Centre contact	5 m Ω max.
	Outer contact	2.5 m Ω max.
Insulator resistance		1000 M Ω min.

Materials			
Part name		Material	Finish
Body, metal parts		Brass per QQ-B-626	Gold 3 μ "
Centre contact	Male	Brass per QQ-B-626	Gold 30 μ "
	Female	Beryllium copper per QQ-C-530	Gold 30 μ "
Insulator		Teflon	None
Crimp ferrule		Annealed brass	Gold 3 μ "

Note: Other materials or finishes may be available on request

Mechanical & environmental characteristics	
Engagement force	6 lbs max.
Disengagement force	6 lbs max.
Contact retention	2 lbs min
Durability (mating cycles)	500 cycles min.*
Temperature range	-65 °C to 165 °C
Vibration	MIL-STD-202 method 204 test cond. B
Thermal shock	MIL-STD-202 method 107 test cond. B
Salt spray	MIL-STD-202 method 101 test cond. B

* For beryllium copper female contact only