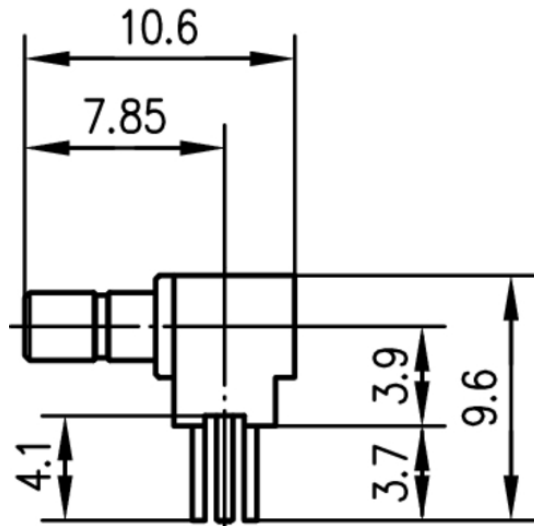


order number: J01190A0041

SSMB Angle PCB Receptacle, male



Technical Attributes	
Finish	Gold
Mount. dim.	Z23
Z	Ω
Series	

Product description

The SSMB series of connectors utilizes a snap coupling and is suitable for applications up to a frequency of 3 GHz. The impedance is controlled at 50 Ω . Connector designs are available for flexible cables like RG-316 and RG-178. Styles are available for mounting to printed circuit boards using thru-hole soldered assembly. Solder and crimp techniques are used to terminate this series to the cables. Because of their small size, SSMB connectors have applications in small instruments and communication equipment.

Mechanical Characteristics	
Durability (mating cycles): standard type	≥ 100
Durability (mating cycles): MIL type	≥ 500
Insertion force	max. 27 N
Disengagement	min. 4.5 N
	CuBe2

Material: spring contacts	
Material: solid contact parts	CuZn39Pb3
Material: crimp ferrule	Cu
Material: serrated lock washer	CuSn6
Material: insulators	PTFE
Finish: Inner conductor	Cu1Ni2Au1.27
Finish outer conductor: Gold (standard; last digit ...1)	Cu1Ni2Au0.8
Finish outer conductor: MIL gold (last digit ...2)	Cu1Ni2Au1.27
Finish outer conductor: Type for printed circuits (last digit ...7)	SnPb8
Finish outer conductor: Telealloy (white bronze) (last digit ...8)	CuSnZn3
Finish outer conductor: Nickel (last digit ...9)	Cu2Ni5
Finish other metal parts: Gold (standard; last digit ...1)	Cu2Ni5Au0.2
Finish other metal parts: MIL gold (last digit ...2)	Cu1Ni2Au0.8
Finish other metal parts: Nickel (last digit ...9)	Cu2Ni5

Climatic Characteristics	
Climatic category acc. to IEC 60068 - 1	55/155/21

Electrical Characteristics	
Contact resistance inner conductor	$\leq 5 \text{ m}\Omega$
Contact resistance outer conductor	$\leq 2.5 \text{ m}\Omega$
Insulation resistance	$\geq 1 \text{ G}\Omega$
Voltage proof	500 V _{eff} /50 Hz
Working voltage	$\leq 250 \text{ V}_{\text{eff}}/50 \text{ Hz}$
Impedance	50 Ω
Return loss: Straight style	$\geq 20.0 \text{ dB} / 1 \text{ GHz}$

Return loss: Angle style	≥ 14.0 dB / 1 GHz
Frequency range up to	3 GHz
Standards	
IEC 60 169-19	