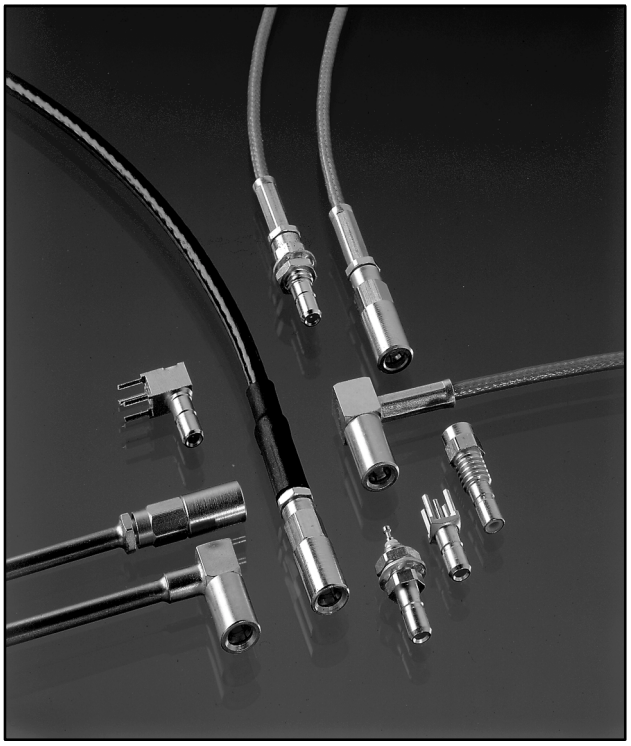
SSMB

CHARACTERISTICS



GENERAL

- DC – 4 GHz
- Impedance 50 Ω
- Snap–on coupling
- Microminiature connectors
- Very low weight and volume

APPLICABLE STANDARDS

- MIL STD 348A
- IEC 169–19
- CECC 22170

APPLICATIONS

- Civil and military telecommunications
- Mobile communication systems
- Video equipment

** In these series :*
plugs have female contacts and
jacks have male contacts.

Please contact us for other models or function that do not appear in this catalog.

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CHARACTERISTICS

	VALUES / REMARKS
GENERAL	
– Impedance	50 Ω
– Frequency range	DC – 4 GHz
– Temperature range	– 65°C to + 165°C
ELECTRICAL	
– Insertion loss in dB	0.3Ω√F(GHZ)
– RF leakage	– 40 dB mini at 1 GHz
– V.S.W.R. max up to 4 GHz	1,25 +0.02 F(GHz)
– Contact resistance *Inner Contact*	Initial test ≤ 5 mΩ / After environment test ≤ 15 mΩ
– Insulation resistance	1 000 MΩ
– Dielectric withstanding voltage *at sea level* *at 70000 ft*	500 Vrms 100 Vrms
– Voltage rating *at sea level* *at 70000 ft*	250 Vrms 60 Vrms
MECHANICAL	
– Cable retention force : Dia .102 (2.6mm)	Single braid : 50 N – Double braid : 100 N
– Mating endurance	500 mating
– Contact captivation	≥ 8 N
– Force to engage – Force to disengage	≤ 27 N ≥ 8 N
ENVIRONMENTAL	
– Vibration	CECC 22170 / 4–6–3 CEI 169–19 / 68–2–6 (10g–10 to 500 Hz)
– Shock	75g – 6ms 1/2 sinus
– Corrosion (salt mist)	MIL STD 202, method 101, condition B (48h)
– High temperature test	CECC 22170 / 4–7–2 CEI 169–19 / 18 (+ 165°C)
– Low pressure immersion	CECC 22170 / 4–6–9 CEI 169–19 / 16–5–2
– Resistance to contaminating fluids	Tests C15, EN2591 AECMA
MATERIALS	
– Body – Inner contacts – Insulator	Brass Beryllium copper PTFE
FINISH	
– Body – Inner contacts	Gold or nickel Gold

Items in this catalogue are covered by french and foreign patents and/or patents pending.