

A



C

CABLE(RG223/U)



E

F

Scale
6 : 1

SMB-112100B

Edition 1.0	Sheet 1/1
----------------	--------------

CHARACTERISTICS

DESCRIPTION: SMB Type female connector

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 4 GHz
Return loss:	≥ 28 dB, DC to 1 GHz ≥ 22 dB, 1 to 4 GHz ≥ 20 dB, 1 to 4 GHz
Insertion loss:	$\leq 0.1 \times \sqrt{f[\text{GHz}]}$ dB, DC to 4 GHz
Insulation resistance:	$\geq 1000\text{M}\Omega$
Test voltage:	750 V rms
Working voltage:	250 V rms
Contact resistance:	
1). Centre contact:	5 m Ω
2). Outer conductor:	2 m Ω
RF-leakage :	≥ 55 dB up to 1 GHz

Environmental data:

Temperature rating:	-55° C to +155° C
2002/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	≥ 500
Center contact captivation:	≥ 10 N(axial)
Engagement force :	≤ 63 N
Disengagement force :	8 N min. to 63 N max.

Suitable cables:

RG223/U