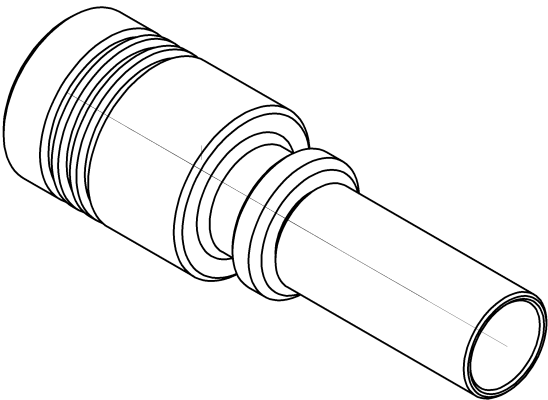
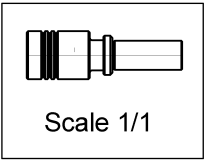
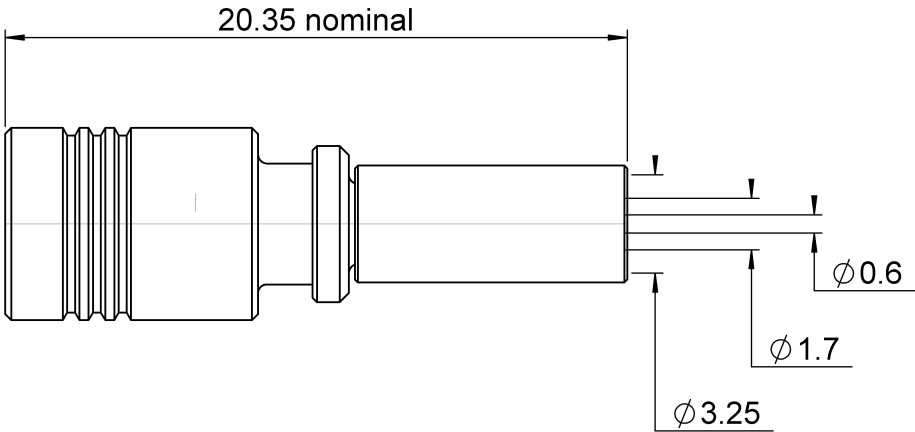
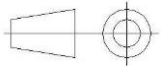


PAGE 1/3	ISSUE 11-04-18A	SERIES SMB	PART NUMBER R114082000
----------	-----------------	------------	------------------------



All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS.	GOLD OVER NICKEL
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Insulator	PTFE	
Gasket	-	
Others parts	BRASS.	GOLD OVER NICKEL
-	-	-
-	-	-

PAGE 2/3

ISSUE 11-04-18A

SERIES SMB

PART NUMBER R114082000

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.25 + 0.0400	x F(GHz) Maxi
Insertion loss	0.25	√F(GHz) dB Maxi
RF leakage	- (57	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	1000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	10	N mini
Axial force – Opposite end	10	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0.0000	mm
Mating life	500	Cycles mini
Weight	2.0950	g

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2.5	6	11	0	8.5	0

Assembly instruction: See page 3

Recommended cable(s)

KX 22A
RG 188
RG 179
RG 187
RG 316
ECO 316
RG 174
KX 3B
RG 174 FTX

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	110	N mini
- torque	3.9	N.cm

CUSTOMER'S APPROVAL

Department or
company's stamp

Name :

Date :

Copy to send back to
RADIAL S.A. BEFORE :

TOOLING

Part Number	Description	Hexagon
R282211000	CRIMPING TOOL	3.25
R282235003	CRIMPING DIES M22520/5-03	3.25
R282281000	CRIMPING TOOL	2x4(pos.3->50 pos.1->75)
And - (et)		
R282293000	CRIMPING TOOL M22520/5-01	-
R282983000	POSITONER FOR CRIMPING TOOL	-
Or - (ou)		

OTHER CHARACTERISTICS

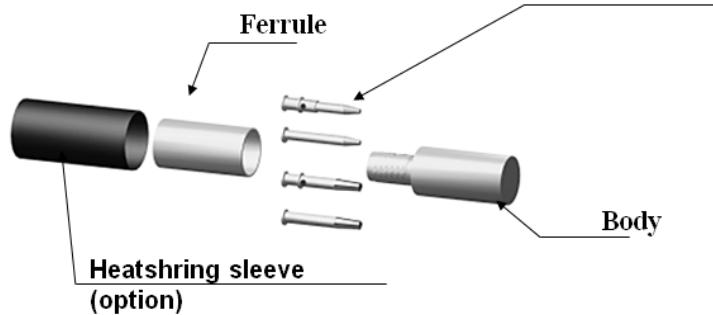
PAGE 3/3

ISSUE 11-04-18A

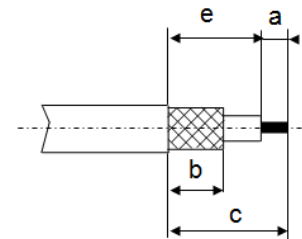
SERIES SMB

PART NUMBER R114082000

COMPONENTS

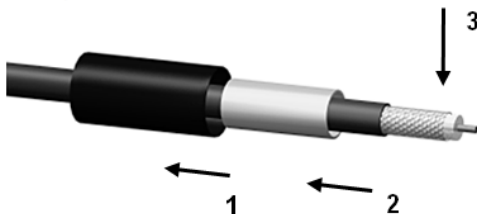


STRIPPING DIMENSIONS



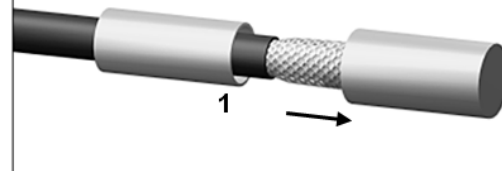
1

Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.



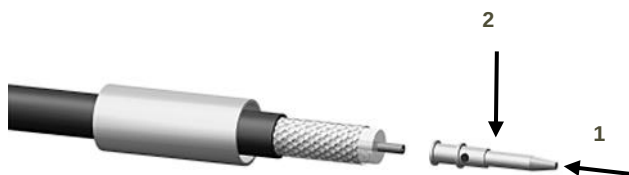
4

Slide the cable into the body until it bottoms against insulator.



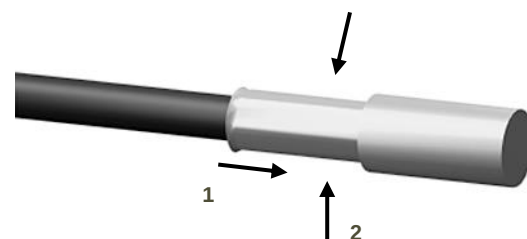
2

Slide the centre contact on until it bottoms against the cable dielectric.
Crimp the centre contact with crimping tool (see connector TDS).



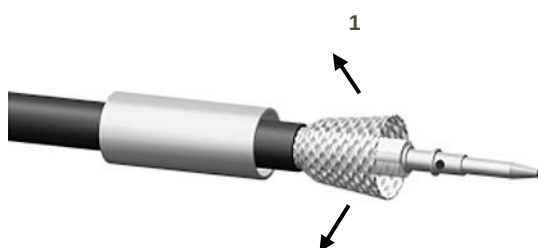
5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS)



3

Fan the braid.



6

Cut the excess of braid if necessary.
Slide the sleeve over the ferrule and heatshrink it in place (Option).

