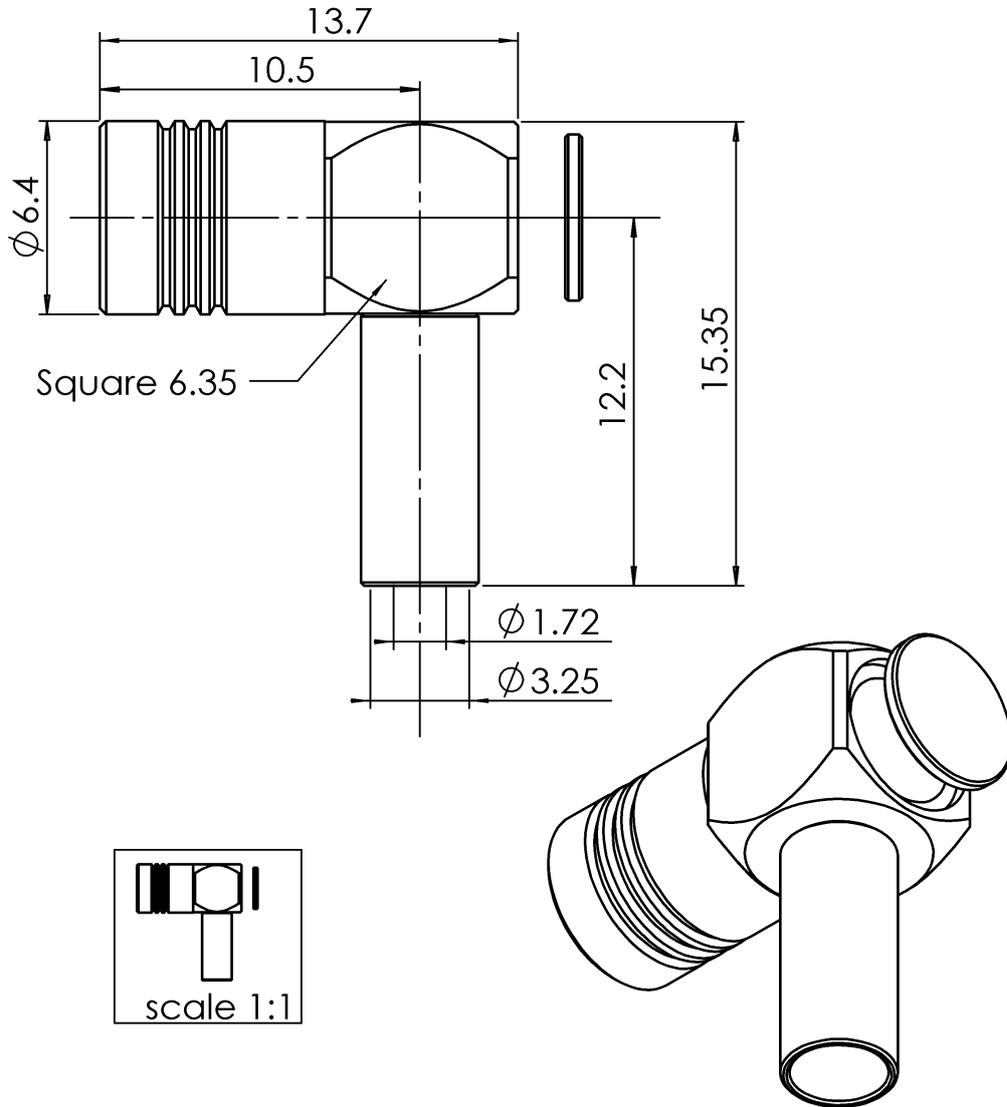
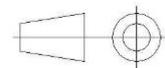


PAGE 1/3	ISSUE 18-08-21A	SERIES SMB	PART NUMBER R1141186107
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All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)
Body	NON MAGNETIC BRONZE	BBR
Center contact	BERYLLIUM COPPER	GOLD OVER COPPER
Outer contact	BERYLLIUM COPPER	BBR
Insulator	PTFE	
Gasket		
Others parts	NON MAGNETIC BRONZE	BBR
-	-	-
-	-	-

PAGE 2/3	ISSUE 18-08-21A	SERIES SMB	PART NUMBER R1141186107
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PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.05 + 0.0100	x F(GHz) Maxi
Insertion loss	0.5	\sqrt{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	M Ω 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	3.1200	g

ENVIRONMENTAL

Operating temperature	-65~+165	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	1.50	5.40	9.60	0.00	8.10	0.000

Assembly instruction: **SEE PAGE 3**

Recommended cable(s)
NON MAGNETIC CABLE
RG 179 AMAG
RG 316 AMAG

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	NA	N.cm

TOOLING

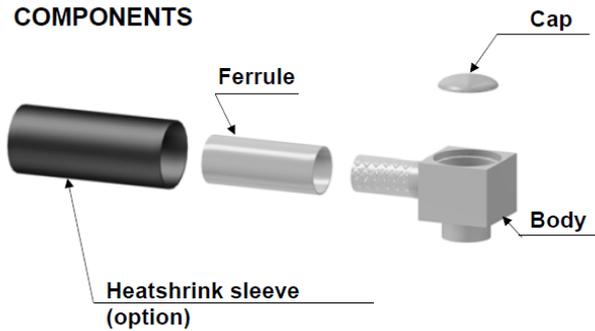
Part Number	Description	Hexagon
R282.293.000	CRIMPING TOOL M22520/5-01	
R282.235.003	CRIMPING DIES M22520/5-03	3.25
R282.211.000	CRIMPING TOOL	3.25

OTHER CHARACTERISTICS

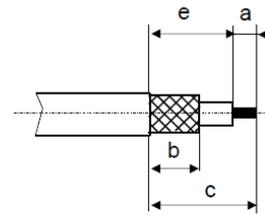
Distorsion of the magnetic field
<0.5 ppm at 10mm at Bo=1.5 Tesla
Non magnetic component

PAGE 3/3	ISSUE 18-08-21A	SERIES SMB	PART NUMBER R114186107
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COMPONENTS



STRIPPING DIMENSIONS



1

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

Labels: 1, 2, 3

4

Crimp the ferrule with crimping tool (see connector TDS).
Solder the inner conductor.

Labels: 1, 2

2

Fan the braid.

Label: 1

5

Place the cap into the body.

Label: 1

3

Push the connector body under the braid.
Slide the ferrule over the braid.

Labels: 1, 2

6

Use the suitable force to press on the cap
It is recommended to use tool to help assembly the cap.
Slide the sleeve over the ferrule and heatshrink it in place (Option).

Labels: 1, 2

Tool (hole recommend $\text{Ø}6.5 +0.5/0 \text{ mm}$, depth need 8 mm min)

recommend force act on the body not on the contact