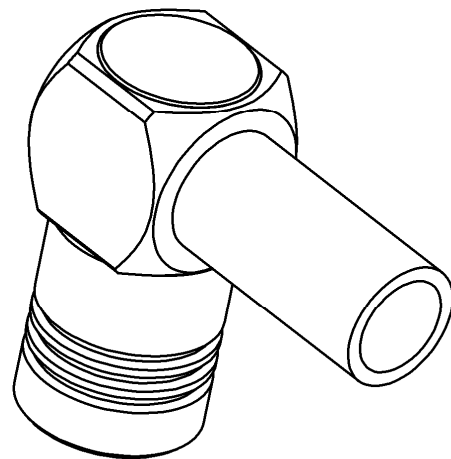
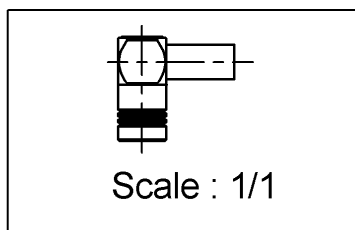
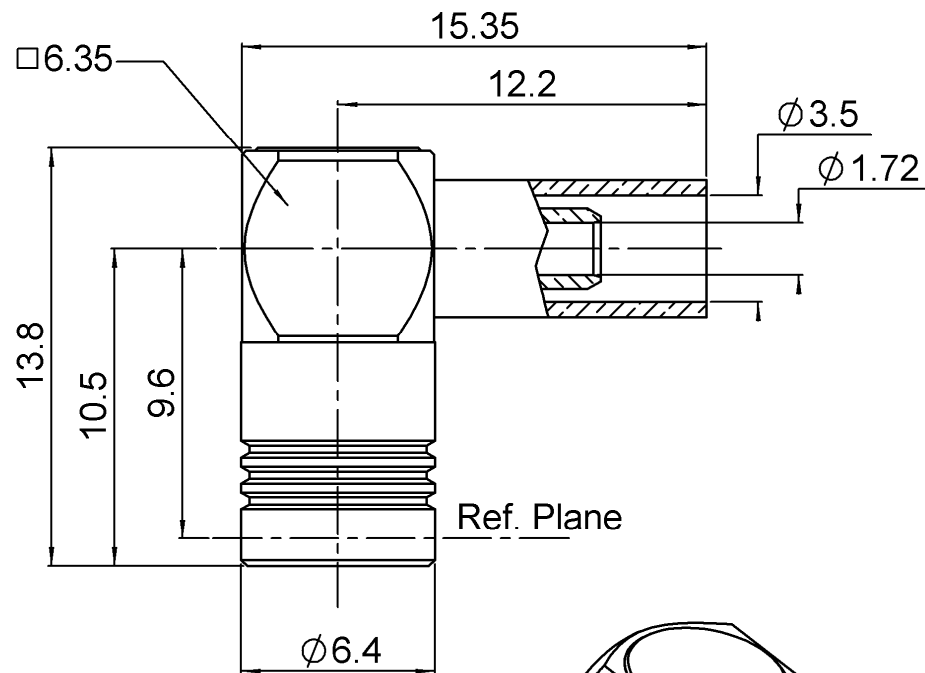
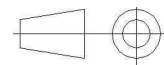


RIGHT ANGLE PLUG CRIMP TYPE
CABLE 3/50 D NON MAGNETIC
R114.191.097

Series : SMB



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BZ4	BBR
CENTER CONTACT	BERYLLIUM COPPER	GOLD OVER COPPER
OUTER CONTACT	BERYLLIUM COPPER	BBR
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BZ4	BBR
-	-	-
-	-	-

Issue : 1101 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RADIAL

RIGHT ANGLE PLUG CRIMP TYPE**CABLE 3/50 D NON MAGNETIC****R114.191.097**

Series : SMB

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.05 + 0,0800	x F(GHz) Maxi
Insertion loss	0.5	$\sqrt{F}(\text{GHz})$ 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	3,3500 g

ENVIRONMENTAL

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

SPECIFICATION

NON MAGNETIC COMPONENT
NON MAGNETIC COMPONENT

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	1,50	5,40	9,60	0,00	8,10	0,00

Assembly instruction: **Crimp 05**

Recommended cable(s)

G 02232 D
 RCF 1545/SS

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	
R282.235.037	CRIMPING DIES	3.84
R282.271.000	CRIMPING TOOL	3.84

OTHER CHARACTERISTICS

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

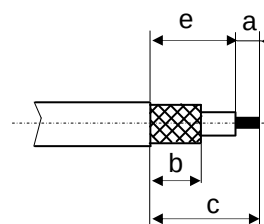
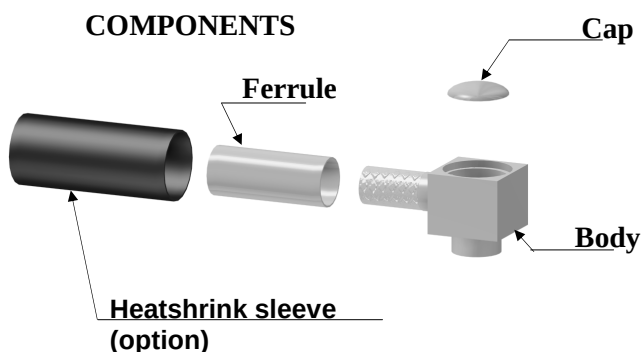
Issue : 1101 A

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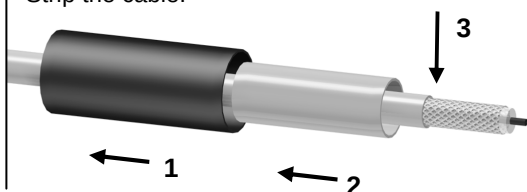
RADIAL 

RIGHT ANGLE PLUG CRIMP TYPE**CABLE 3/50 D NON MAGNETIC****R114.191.097**

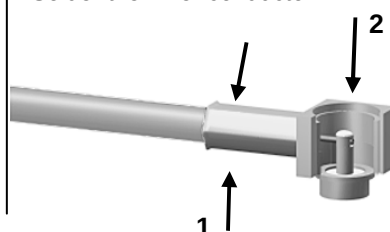
Series : SMB

COMPONENTS**1**

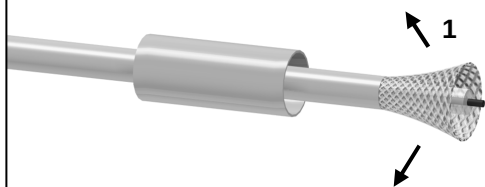
Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.

**4**

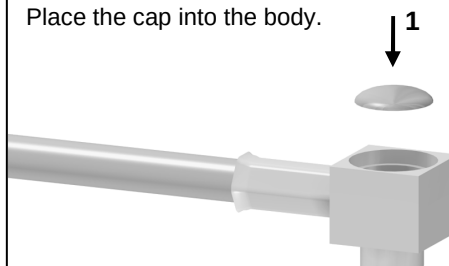
Crimp the ferrule with crimping tool (see connector TDS).
Solder the inner conductor.

**2**

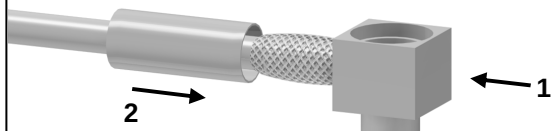
Fan the braid.

**5**

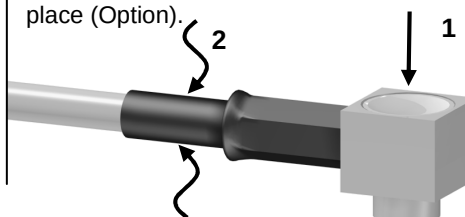
Place the cap into the body.

**3**

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

**6**

Press on the cap flush or slightly below the surface of the body assembly.
Slide the sleeve over the ferrule and heatshrink it in place (Option).

**Issue : 1101 A**

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