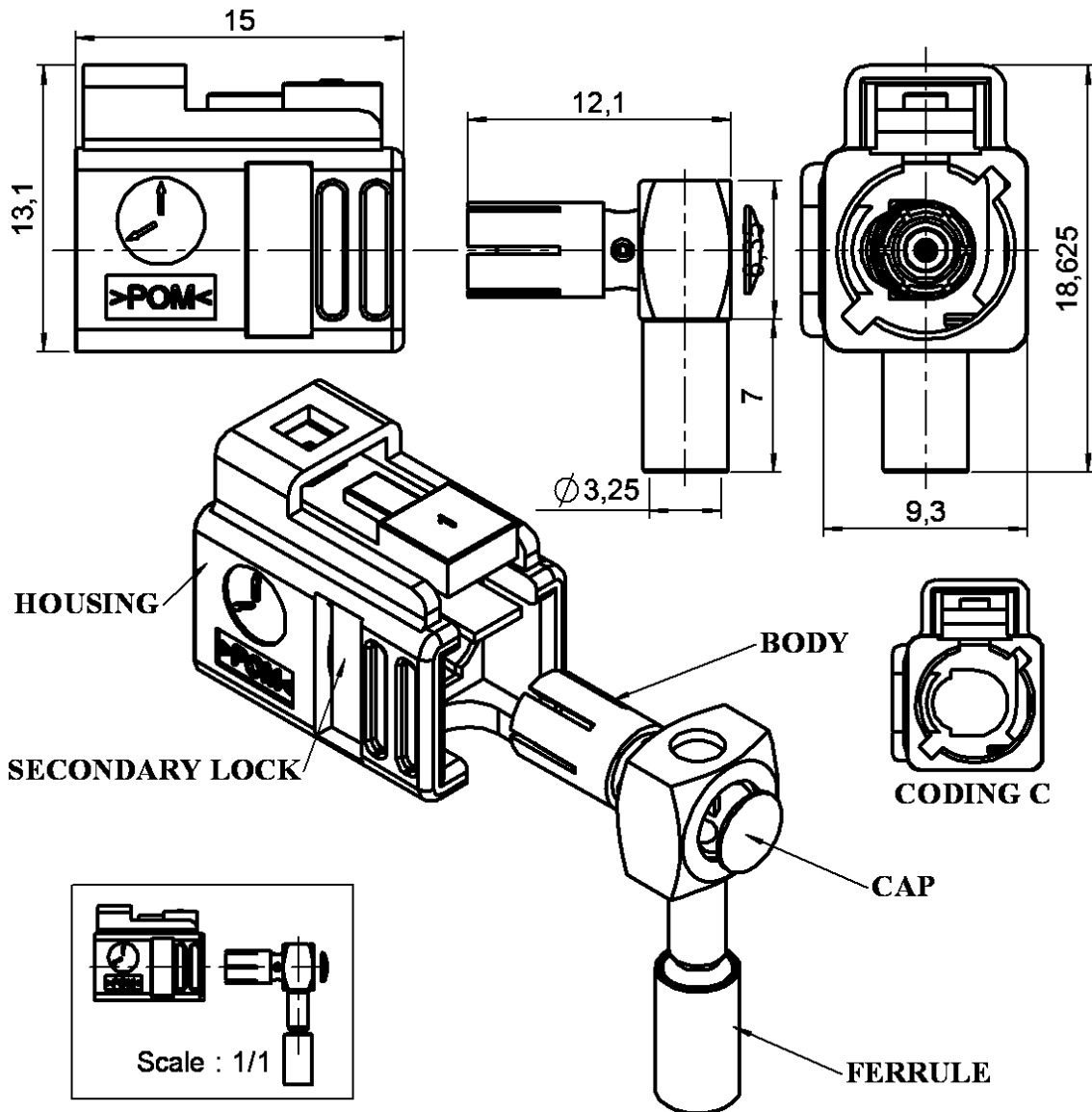


R/A COAX PLUG+HOUSING

CABLE 2.6/50

**R197.120.C00**

Series : SMB  
CARLOCK



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)	
BODY	BRASS	NICKEL 2	
CENTER CONTACT	BRONZE	GOLD 0.8 OVER NICKEL 2	
OUTER CONTACT	BRONZE	NICKEL 2	
INSULATOR	PTFE		
GASKET			
OTHERS PARTS	BRASS	NICKEL 2	
-	-	-	
		UL CLASSIFICATION	COLOR
HOUSING	Polyoxyméthylène	UL 94 V-2	BLUE RAL5005
Secondary Lock	Polyoxyméthylène (POM)	UL 94V-2	PURPLE RAL4003
		*According to FAKRA specifications	

Issue : 0115 A

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**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

-

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-2</b> GHz
VSWR	<b>1.03</b> +	<b>0.050</b> x F(GHz) Maxi
Insertion loss		<b>0.25</b> √F(GHz) dB Maxi
RF leakage	- (	- F(GHz)) dB Maxi
Voltage rating		<b>335</b> Veff Maxi
Dielectric withstanding voltage		<b>1000</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2.00	5.00	9.00	7.00	0.00	0.00

Assembly instruction : page 3

Recommended cable(s)  
RG 316  
KX 22A  
RG 188  
KX 3B  
RG 174

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>10</b>	N mini
Axial force – Opposite end	<b>10</b>	N mini
Torque		N.cm mini

Cable retention  
- pull off **110** N mini  
- torque N.cm

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.211.000	CRIMPING TOOL	3.25
R282.235.003	CRIMPING DIES	3.25
R282.293.000	CRIMPING TOOL	-

Recommended torque		
Mating		N.cm
Panel nut		N.cm
Clamp nut		N.cm
A/F clamp nut	<b>0.000</b>	mm

Mating life	<b>100</b>	Cycles mini
Weight	<b>2.700</b>	g

**OTHERS CHARACTERISTICS**

**ENVIRONMENTAL**

Operating temperature	<b>-40/+110</b>	° C
Hermetic seal		Atm.cm3/s
Panel leakage		

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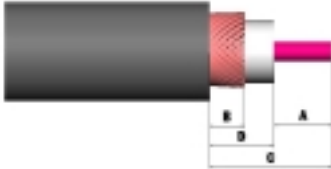
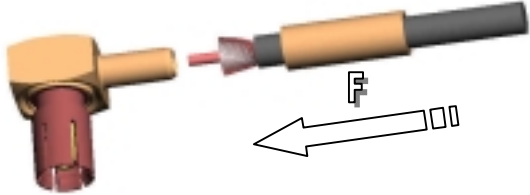
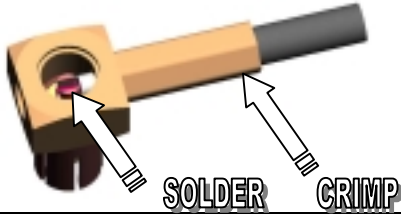

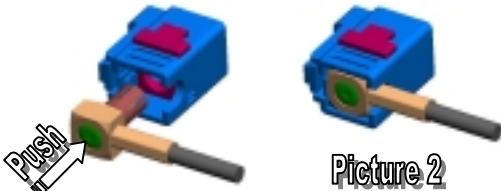
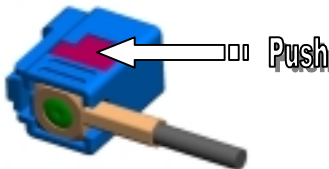
R/A COAX PLUG+HOUSING

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**RECOMMENDED MOUNTING PROCEDURE**

<p><b>1</b></p> <ul style="list-style-type: none"> <li>• Slide onto the cable the ferrule</li> <li>• Strip the cable</li> </ul>	
<p><b>2</b></p> <ul style="list-style-type: none"> <li>• Fan the braid</li> <li>• Push connector body under the braid</li> <li>• Slide the ferrule on the braid ( in direction F)</li> </ul>	
<p><b>3</b></p> <ul style="list-style-type: none"> <li>• Crimp the ferrule with crimping tool R282.211.000 (Hex:3.25) or crimping tool R282.293.000 (M22520/5-01) + dies R282.235.003 (M22520/5-03)</li> <li>• Solder inner conductor</li> </ul>	
<p><b>4</b></p> <ul style="list-style-type: none"> <li>• Place the cap</li> <li>• Press cap flush or slightly below surface of body assembly</li> </ul>	
<p><b>5</b></p> <ul style="list-style-type: none"> <li>• Push the coax in the housing till it snap on ( according to picture 2 )</li> </ul>	
<p><b>6</b></p> <ul style="list-style-type: none"> <li>• To secure the coax inside the housing , push the secondary lock in final position ( until it click on )</li> </ul>	

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