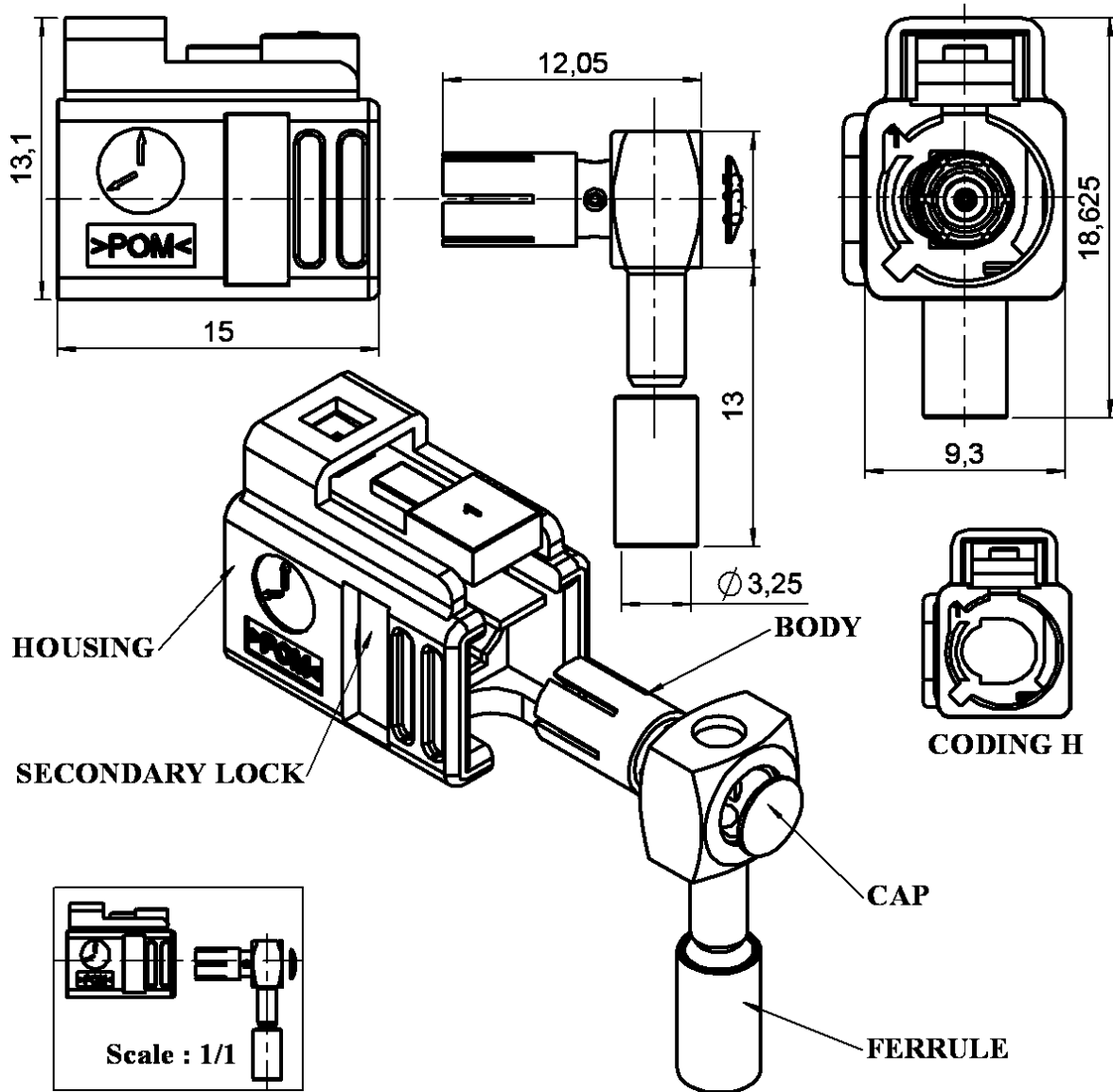


R/A COAX PLUG+HOUSING

CABLE 2.6/50

R197.120.H00

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	
-	-	-	
HOUSING	Polyoxyméthylène (POM)	UL CLASSIFICATION	COLOR
Secondary Lock	Polyoxyméthylène (POM)	UL 94 V-2	PURPLE RAL4003
		UL 94V-2	PURPLE RAL4006

*According to FAKRA specifications

Issue : 0307 A

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PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

-

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-2 GHz
VSWR	1.05 + 0.050	x F(GHz) Maxi
Insertion loss		0.25 √F(GHz) dB Maxi
RF leakage	- (- F(GHz)) dB Maxi
Voltage rating		335 Veff Maxi
Dielectric withstanding voltage		1000 Veff mini
Insulation resistance		1000 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)
KX 3B
RG 174
RG 188
RG 316
KX 22A

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

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	10	N mini
Axial force – Opposite end	10	N mini
Torque		N.cm mini

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	0.000	mm

Mating life	100	Cycles mini
Weight	2.666	g

OTHERS CHARACTERISTICS

ENVIRONMENTAL

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

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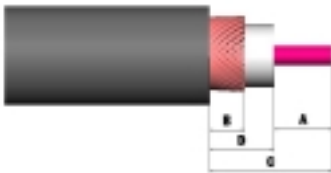
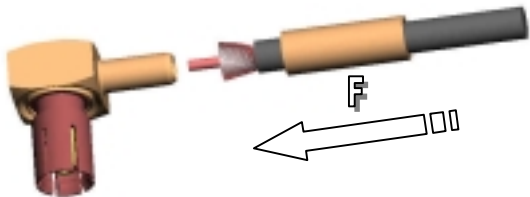
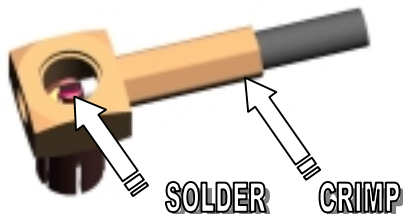
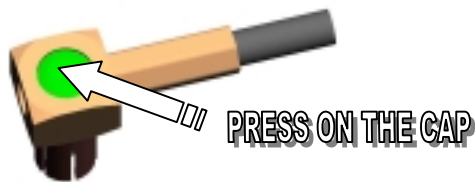
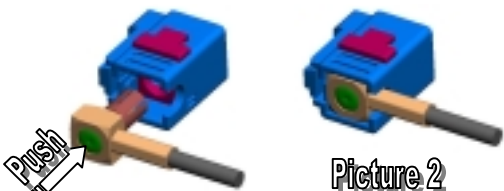
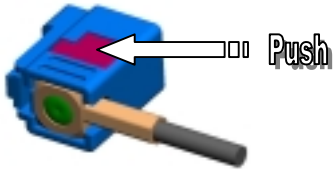
R/A COAX PLUG+HOUSING

R197.120.H00

CABLE 2.6/50

Series : SMB
CARLOCK

RECOMMENDED MOUNTING PROCEDURE

<p>1</p> <ul style="list-style-type: none"> • Slide onto the cable the ferrule • Strip the cable 	
<p>2</p> <ul style="list-style-type: none"> • Fan the braid • Push connector body under the braid • Slide the ferrule on the braid (in direction F) 	
<p>3</p> <ul style="list-style-type: none"> • 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) • Solder inner conductor 	
<p>4</p> <ul style="list-style-type: none"> • Place the cap • Press cap flush or slightly below surface of body assembly 	
<p>5</p> <ul style="list-style-type: none"> • Push the coax in the housing till it snap on (according to picture 2) 	
<p>6</p> <ul style="list-style-type: none"> • To secure the coax inside the housing , push the secondary lock in final position (until it click on) 	

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