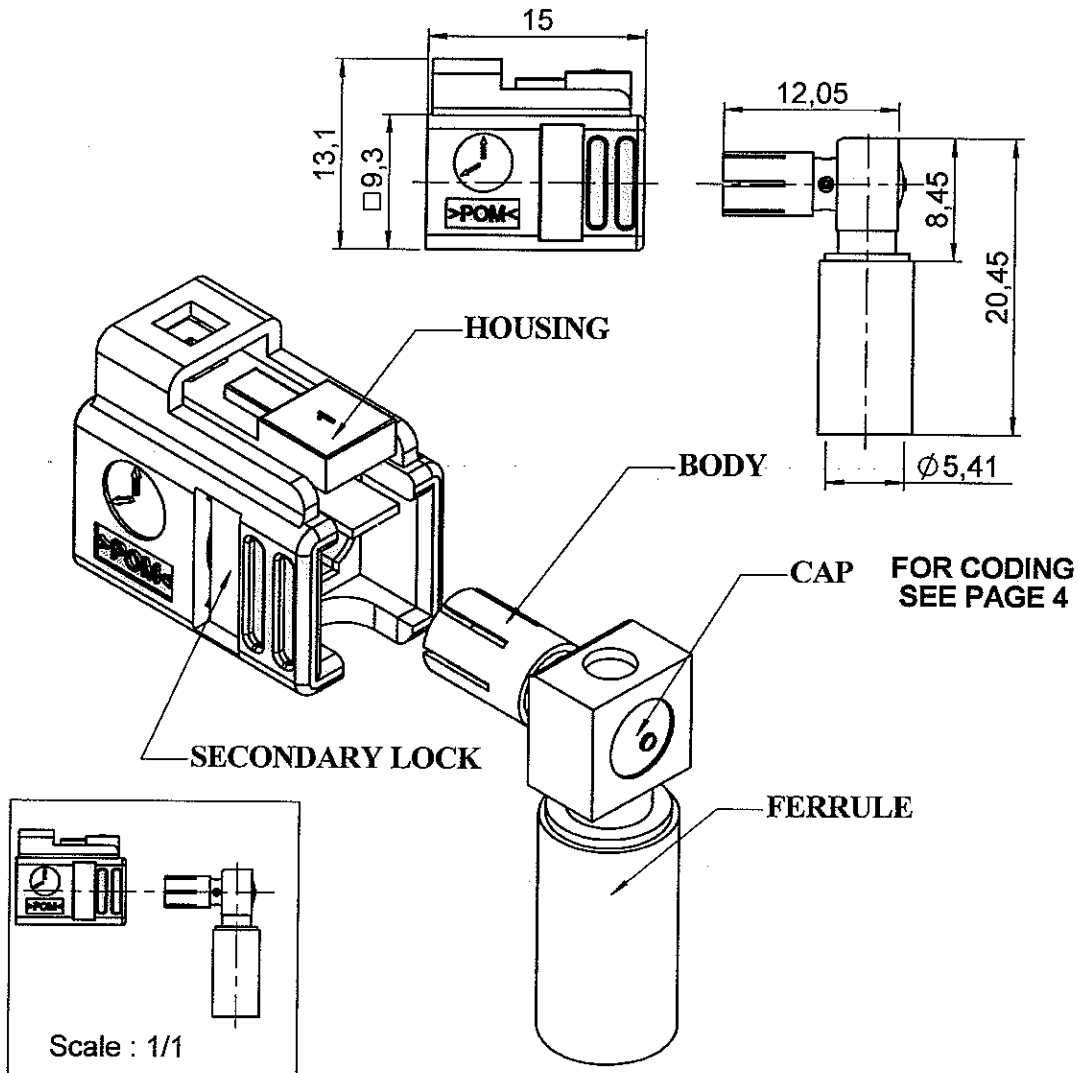


R/A COAX PLUG + HOUSING

R197.120._01

CABLE 5/50

Series : SMB
CARLOCK



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm) / COLOR
BODY	BRASS	NICKEL 2
CENTER CONTACT	BRONZE	GOLD 0.8 OVER NICKEL 2
OUTER CONTACT	BRONZE	NICKEL 2
INSULATOR	PTFE	
GASKET		
OTHERS PARTS	BRONZE	NICKEL 2
HOUSING	Polyoxyméthylène (POM)	-
SECONDARY LOCK	Polyoxyméthylène (POM)	PURPLE RAL 4006

Issue : 0126 A

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R/A COAX PLUG + HOUSING

R197.120._01

CABLE 5/50

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PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-2 GHz
VSWR	1.03 +	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	5.00	8.00	15.0	10.0	0.00	0.00

Assembly instruction : **page 3**

Recommended cable(s)
RG 58

Cable retention
- pull off **180** 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

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	3.752	g

TOOLING

Part Number	Description	Hexagon
R282.293.000	CRIMPING TOOL	-
R282.235.011	CRIMPING DIES	5.41
R282.223.000	CRIMPING TOOL	5.41

OTHERS CHARACTERISTICS

ENVIRONMENTAL

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

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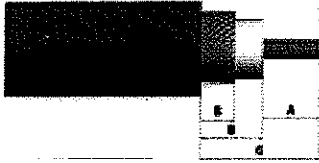
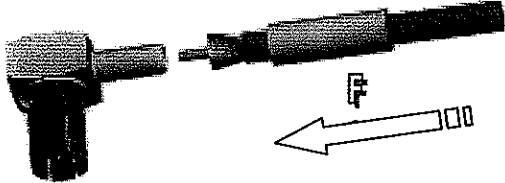
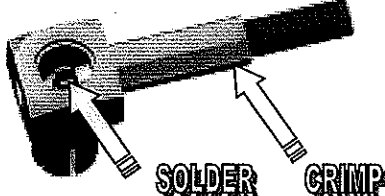

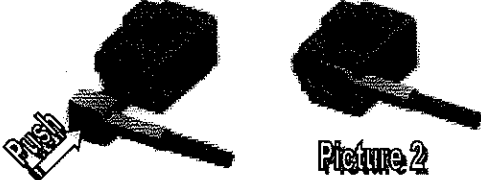
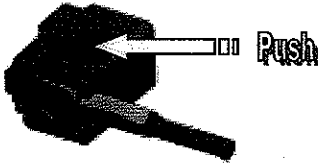
R/A COAX PLUG + HOUSING

R197.120._01

CABLE 5/50

Series : SMB
CARLOCK

RECOMMENDED MOUNTING PROCEDURE

<p style="text-align: center;">1</p> <ul style="list-style-type: none"> • Slide onto the cable the ferrule • Strip the cable 	
<p style="text-align: center;">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 style="text-align: center;">3</p> <ul style="list-style-type: none"> • Crimp the ferrule with crimping tool R282.223.000 (Hex:5.41) or crimping tool R282.293.000 (M22520/5-01) + dies R282.235.011 (M22520/5-11) • Solder inner conductor 	
<p style="text-align: center;">4</p> <ul style="list-style-type: none"> • Place the cap • Press cap flush or slightly below surface of body assembly 	
<p style="text-align: center;">5</p> <ul style="list-style-type: none"> • Push the coax in the housing till it snap on (according to picture 2) 	
<p style="text-align: center;">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) 	

Issue : 0126 A

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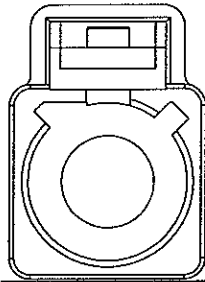


R/A COAX PLUG + HOUSING

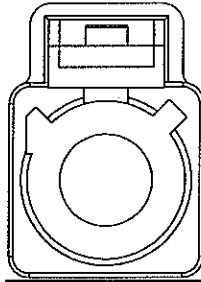
R197.120._01

CABLE 5/50

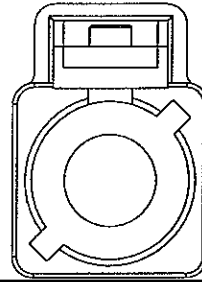
Series : SMB
CARLOCK



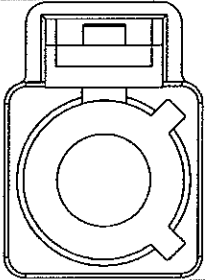
CODING A
COLOR BLACK
RAL 9005



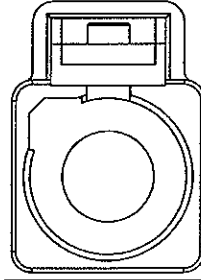
CODING B
COLOR WHITE
RAL 9003



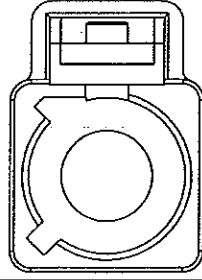
CODING C
COLOR BLUE
RAL 5005



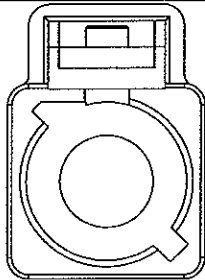
CODING D
COLOR BORDEAUX
VIOLET
RAL 4004



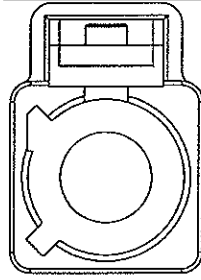
CODING E
COLOR GREEN
RAL 6002



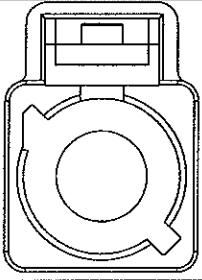
CODING F
COLOR BROWN
RAL 8011



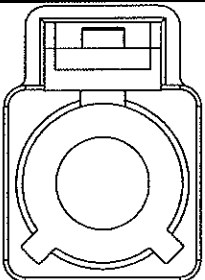
CODING G
COLOR GREY
RAL7031



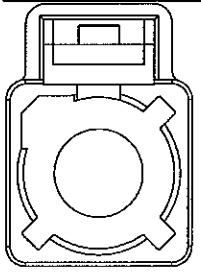
CODING H
COLOR VIOLET
RAL 4003



CODING I
COLOR BEIGE
RAL 1001



CODING K
COLOR CURRY
RAL 1027



CODING Z
COLOR WATER BLUE
RAL 5021

UL CLASSIFICATION
UL 94V-2

*According to FAKRA specifications

-To obtain the complete P/N please fill in the blank " _ " with the coding letter

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