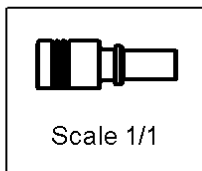
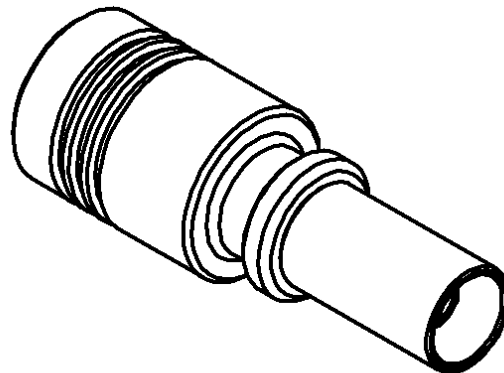
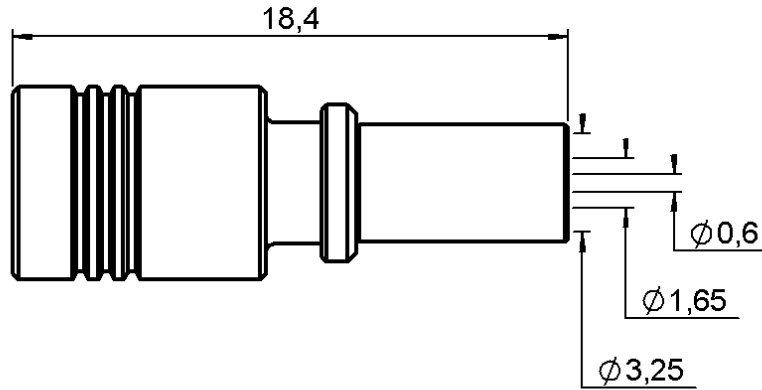


**STRAIGHT PLUG CRIMP TYPE**

**R114.083.000**

**CABLE K02252D**

Series : SMB



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS ( $\mu\text{m}$ )
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BRASS	GOLD 0.5 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0210 C

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



**STRAIGHT PLUG CRIMP TYPE**

**R114.083.000**

**CABLE K02252D**

Series : SMB

**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>0-4</b> GHz
VSWR	<b>1.25</b> +	<b>0.040</b> x F(GHz) Maxi
Insertion loss		<b>0.25</b> √F(GHz) dB Maxi
RF leakage	- (	<b>57</b> - F(GHz)) dB Maxi
Voltage rating		<b>500</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	2.50	5.40	11.0	0.00	8.50	0.00

Assembly instruction : **Crimp 01**

Recommended cable(s)  
RD 316  
K02252D  
SHF 316 D

Cable retention  
- pull off **240** N mini  
- torque **3.9** N.cm

**MECHANICAL CHARACTERISTICS**

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

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.211.000	CRIMPING TOOL	3.25
R282.235.003	CRIMPING DIES	3.25
R282.281.000	CRIMPING TOOL	2x4 (pos. 3)
R282.293.000	CRIMPING TOOL	-
R282.983.000	POSITONER FOR CRIMPING TOOL	-

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

Mating life	<b>500</b>	Cycles mini
Weight	<b>2.000</b>	g

**OTHERS CHARACTERISTICS**

**ENVIRONMENTAL**

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

Issue : 0210 C

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