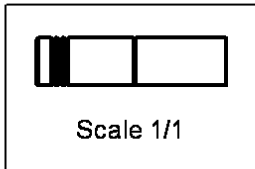
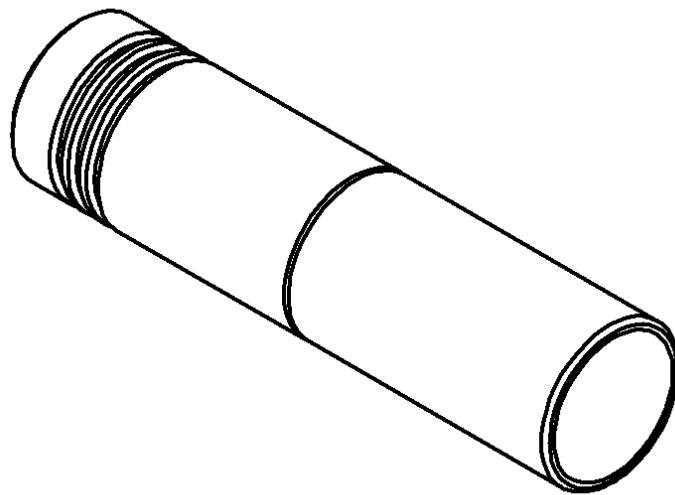
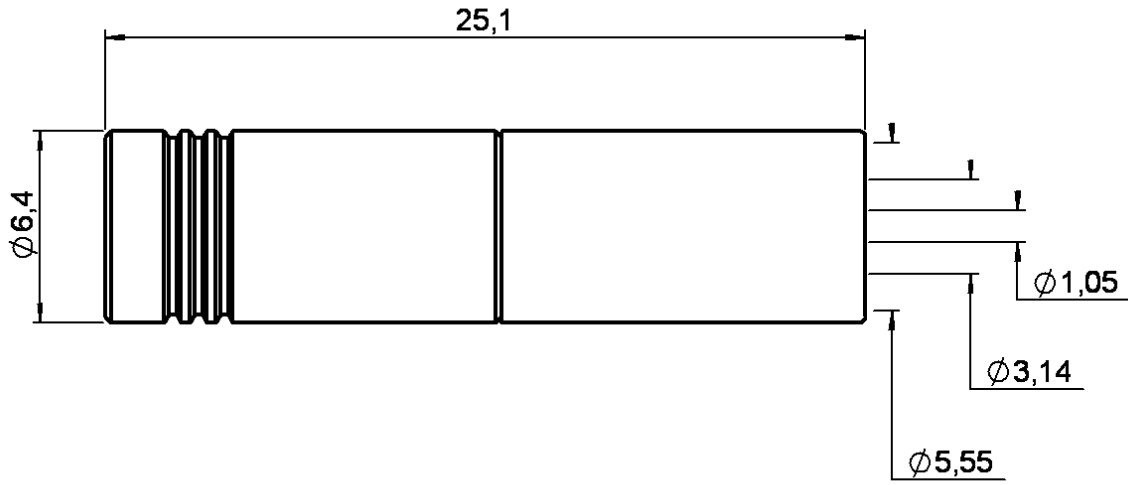


**STRAIGHT PLUG CRIMP TYPE**

**CABLE BSSM742**

**R114.092.420**

Series : SMB



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS ( $\mu\text{m}$ )
BODY	BRASS	NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 2.5 OVER COPPER 2.5
OUTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BRASS	NICKEL 2
-	-	-
-	-	-

Issue : 0139 B

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



**STRAIGHT PLUG CRIMP TYPE**

**R114.092.420**

**CABLE BSSM742**

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>1.8 +</b>	<b>0.000</b> x F(GHz) Maxi
Insertion loss		<b>1</b> √F(GHz) dB Maxi
RF leakage	- (	<b>57</b> - 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	3.00	6.50	12.7	0.00	9.70	0.00

Assembly instruction : **Crimp 01**

Recommended cable(s)  
BSSM 742  
SHF 142

Cable retention  
- pull off **90** N mini  
- torque **NA** 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

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>0.000</b>	g

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	1.72
R282.235.011	CRIMPING DIES	1.72
R282.281.000	CRIMPING TOOL	2x4 (pos 5)
R282.293.000	CRIMPING TOOL	-
R282.967.010	POSITIONER FOR CRIMPING TOOL R282281	-

**OTHERS CHARACTERISTICS**

-

**ENVIRONMENTAL**

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

Issue : **0139 B**

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