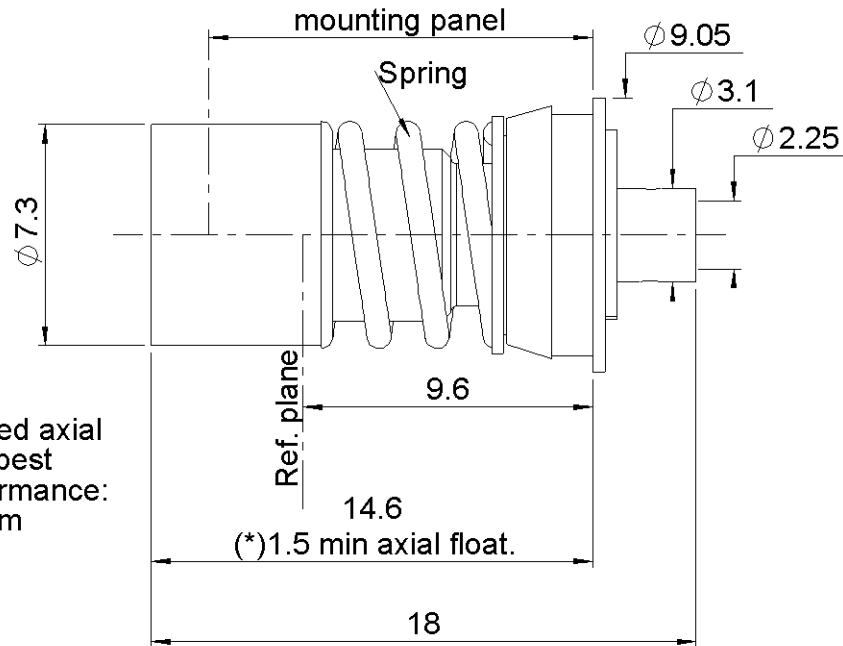
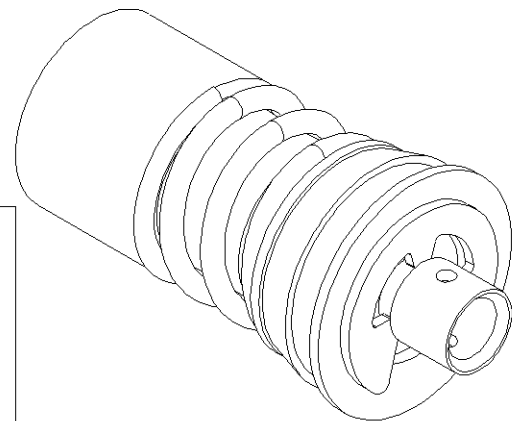
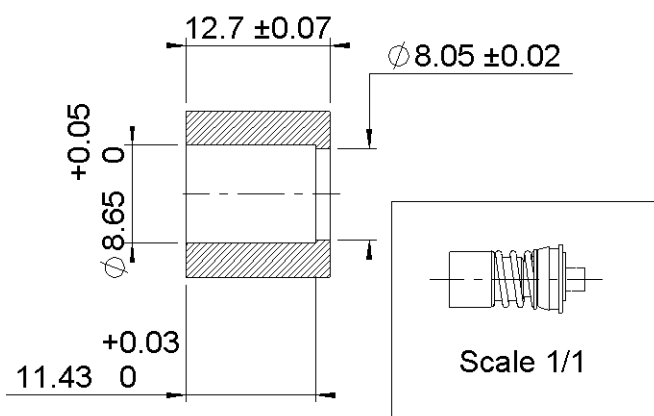


PAGE 1/3	ISSUE 11-04-18C	SERIES BMA	PART NUMBER R128294700
----------	-----------------	------------	------------------------

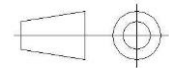


(\* Recommended axial float mount for best electrical performance: 0.51 +/- 0.25 mm (.020" +/- .010)

**PANEL DRILLING**



All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
Body	<b>STAINLESS STEEL</b>	<b>GOLD OVER NICKEL</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD OVER NICKEL</b>
Outer contact	<b>BERYLLIUM COPPER</b>	<b>NPGR</b>
Insulator	<b>PTFE</b>	
Gasket		
Others parts	<b>STAINLESS STEEL, BERYLLIUM COPPER</b>	<b>NICKEL</b>
-	-	-
-	-	-

PAGE <b>2/3</b>	ISSUE <b>11-04-18C</b>	SERIES <b>BMA</b>	PART NUMBER <b>R128294700</b>
-----------------	------------------------	-------------------	-------------------------------

### PACKAGING

Standard	Unit	Other
<b>100</b>	<b>Contact us</b>	<b>Contact us</b>

### ELECTRICAL CHARACTERISTICS

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-22</b>	GHz
VSWR	<b>1.05 + 0,0100</b>	x F(GHz) Maxi
Insertion loss	<b>0.03</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- ( <b>90</b> )	- F(GHz)) dB Maxi
Voltage rating	<b>500</b>	Veff Maxi
Dielectric withstanding voltage	<b>1500</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

### MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	<b>27</b>	N mini
Axial force – Opposite end	<b>27</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>0,0000</b>	mm
Mating life	<b>1000</b>	Cycles mini
Weight	<b>2,5060</b>	g

### ENVIRONMENTAL

Operating temperature	<b>-40/+105</b>	$^{\circ}\text{C}$
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>IP54*</b>	

### SPECIFICATION

### CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	<b>1,78</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Assembly instruction:

Recommended cable(s)

**RG 405**  
**KS 1**

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	<b>136</b>	N mini
- torque	<b>NA</b>	N.cm

### TOOLING

Part Number	Description	Hexagon
R282051000	STRIPPING TOOL	
R282062000	POINTER GAUGE	
R282740000	SOLDERING MOUNTING	
R282860130	SOLDER POSITIONER BMA	

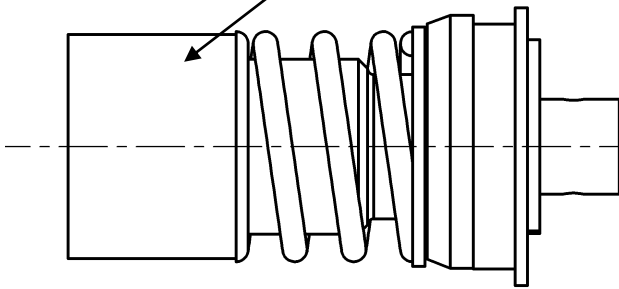
### OTHER CHARACTERISTICS

**\*Mated with waterproof male connector**

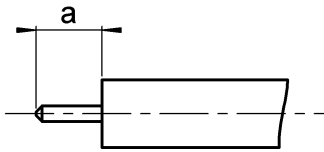
PAGE 3/3	ISSUE 11-04-18C	SERIES BMA	PART NUMBER R128294700
----------	-----------------	------------	------------------------

**COMPONENT**

**BODY**

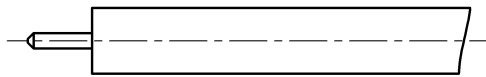


**STRIPPING DIMENSION**



**1**

- Strip the cable with the cable stripping tool.
- Trim the cable inner conductor with the trimmer.
- Clean the cable



**2**

- Introduce the cable into the body until contact with the body shoulder..
- Place the sub-assembly on assembly jig with the positioner and tighten it.
- Solder body on the cable.
- Let assembly cool down before removing it from the jig.

