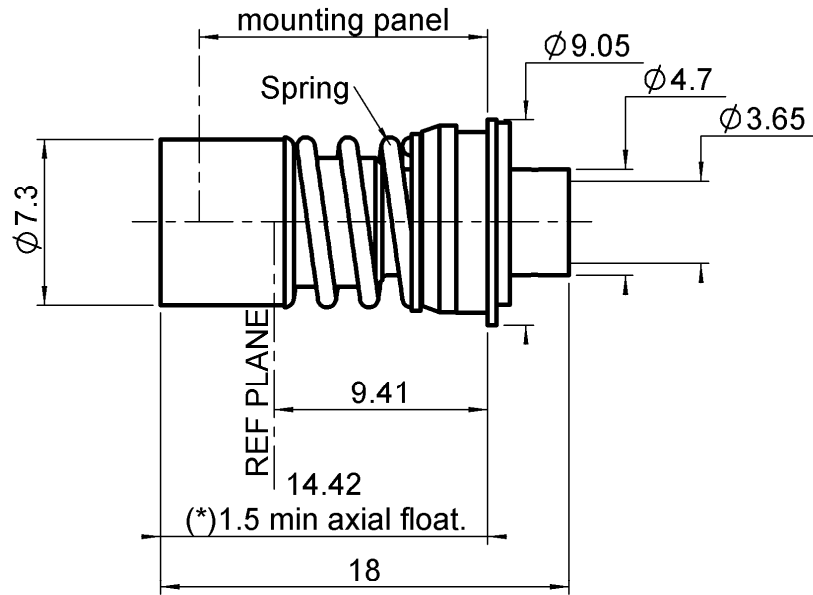


STRAIGHT CLIP-ON FLOATING JACK

SOLDER TYPE - CABLE .141

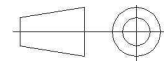
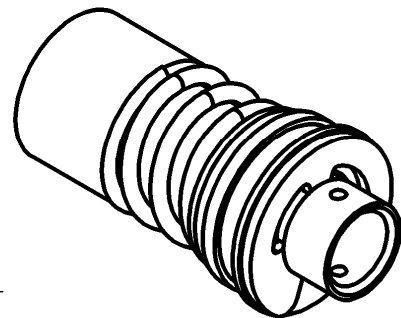
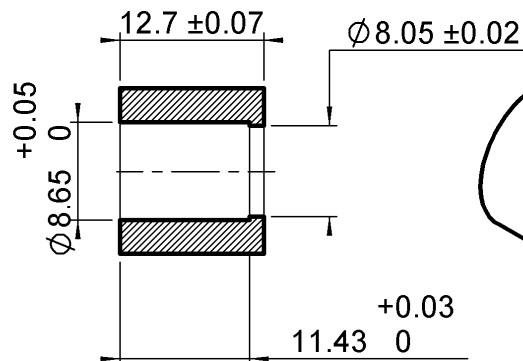
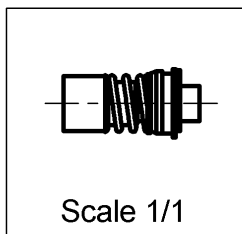
R128.296.700

Series : BMA



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

PANEL DRILLING



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (μm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
OUTER CONTACT	BERYLLIUM COPPER	NPGR
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BERYLLIUM COPPER	NICKEL 2
-	-	-
-	-	-

Issue : 1102 B

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

RADIAL 

STRAIGHT CLIP-ON FLOATING JACK**R128.296.700****SOLDER TYPE - CABLE .141****Series : BMA****PACKAGING**

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	27 N mini
Axial force – Opposite end	27 N mini
Torque	NA N.cm mini

Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm
Clamp nut	NA N.cm
A/F clamp nut	0,0000 mm

Mating life	1000 Cycles mini
Weight	3,0100 g

ENVIRONMENTAL

Operating temperature	-65/+165 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	*IP54

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2,16	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)

RG 402

KS 2

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	272 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.053.000	STRIPPING TOOL	
R282.740.000	SOLDERING MOUNTING	
R282.066.000	POINTER GAUGE	
R282.860.130	SOLDER POSITIONER BMA	

OTHER CHARACTERISTICS

* Mated with waterproof male connector

It is recommended to use a service loop to facilitate the float features of the connector

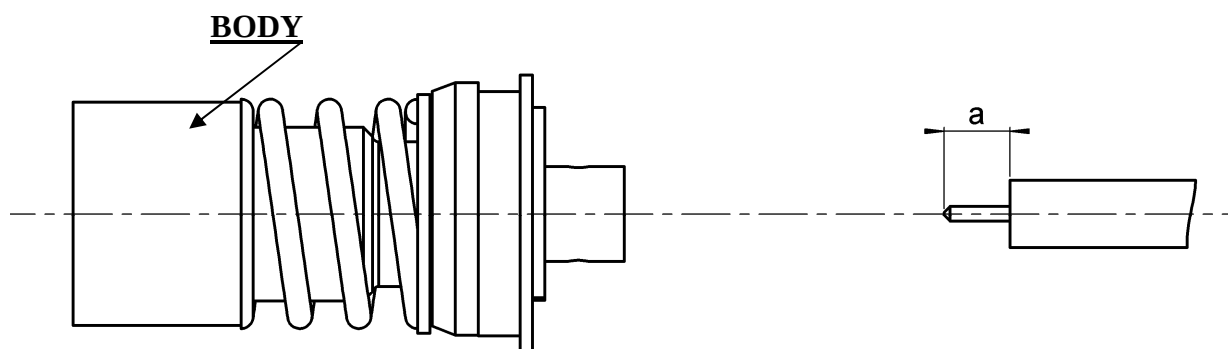
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STRAIGHT CLIP-ON FLOATING JACK**R128.296.700****SOLDER TYPE - CABLE .141**

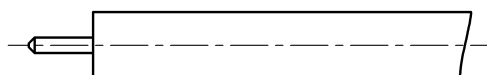
Series : BMA

COMPONENT**STRIPPING DIMENSION**

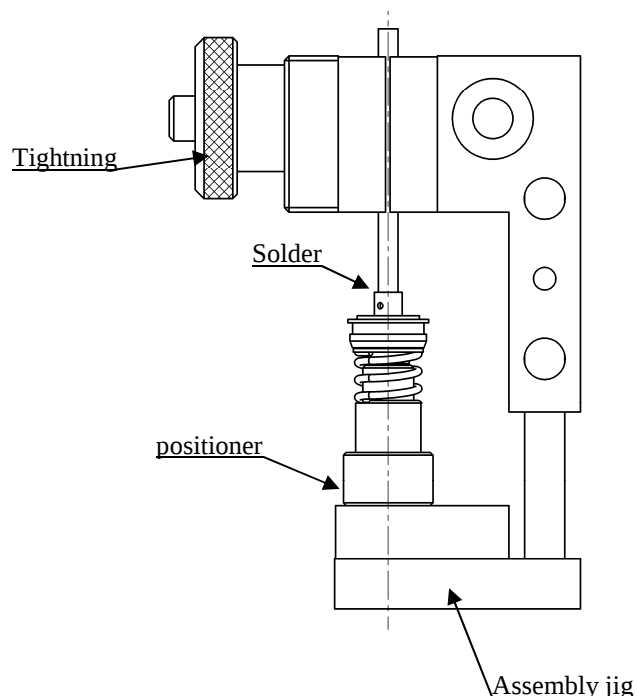
We recommend a cable thermal preconditioning before assembly

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.

**Issue : 1102 B**

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RADIAL 