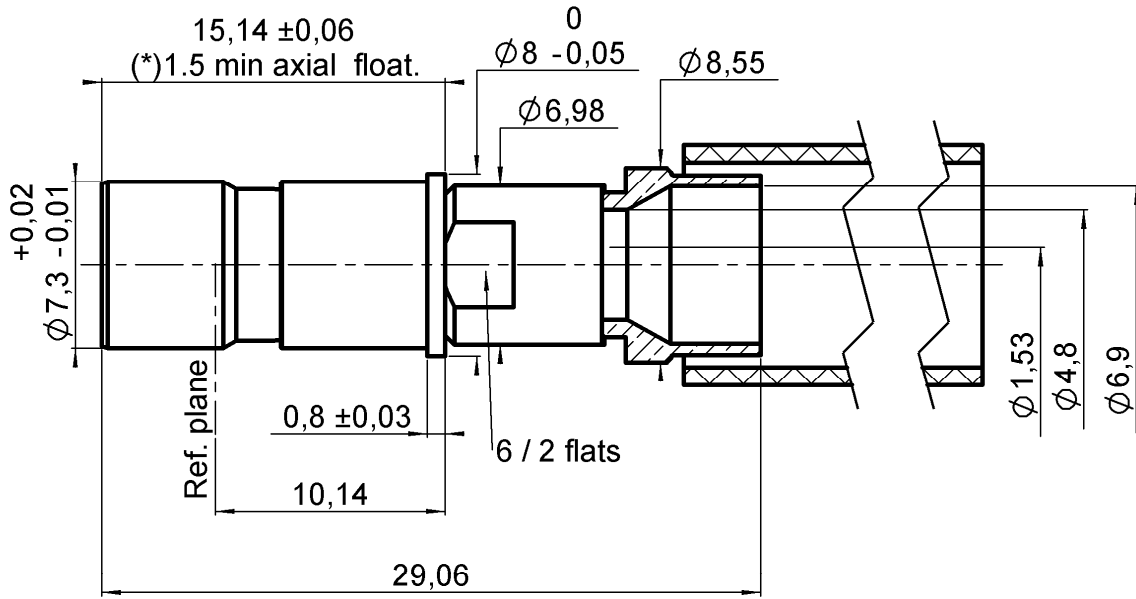


SPECIAL STRAIGHT FLOATING JACK

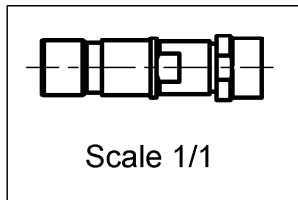
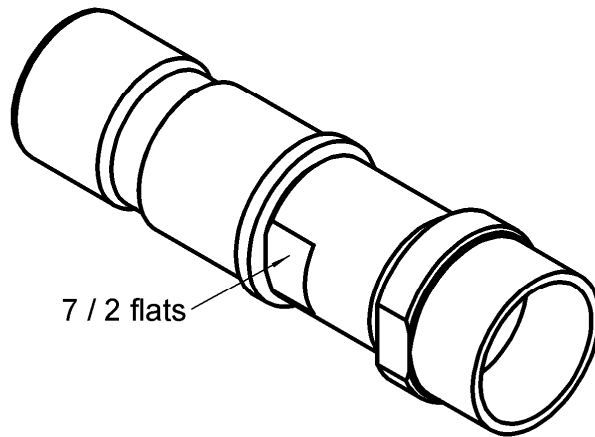
R128.245.701

SOLDER TYPE CABLE T/AE12662

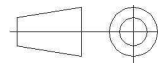
Series : BMA



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



All dimensions are in mm.



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

Issue : 0940 B

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



SPECIAL STRAIGHT FLOATING JACK

R128.245.701

SOLDER TYPE CABLE T/AE12662

Series : **BMA**

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-18 GHz
VSWR	1.05 +	0,0100 x F(GHz) Maxi
Insertion loss		0.03 √F(GHz) dB Maxi
RF leakage	- (80 - F(GHz)) dB Maxi
Voltage rating		335 Veff Maxi
Dielectric withstanding voltage		1000 Veff mini
Insulation resistance		5000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	8,30	17,0	35,0	50,0	0,00	0,00

Assembly instruction :

Recommended cable(s)

MECHANICAL CHARACTERISTICS

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

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	90	N mini
- torque	NA	N.cm

TOOLING

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	90	N.cm
A/F clamp nut	7,9000	mm

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

Mating life	1000	Cycles mini
Weight	5,4900	g

ENVIRONMENTAL

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

Issue : **0940** **B**

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RADIALL 

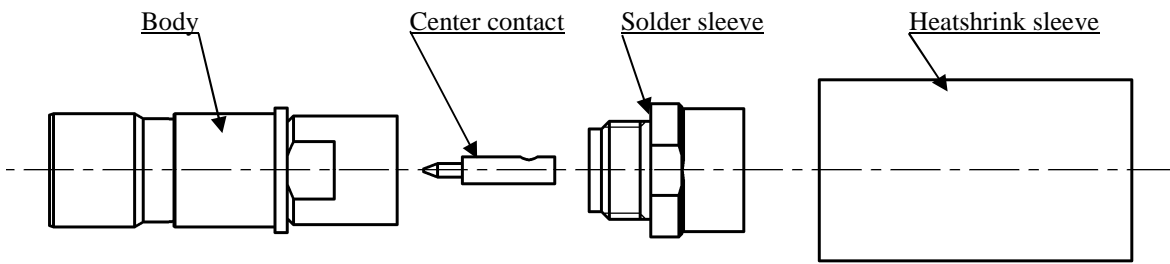
SPECIAL STRAIGHT FLOATING JACK

R128.245.701

SOLDER TYPE CABLE T/AE12662

Series : BMA

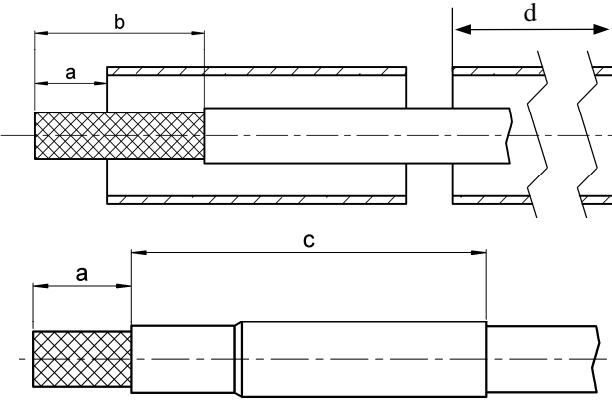
COMPONENTS



1

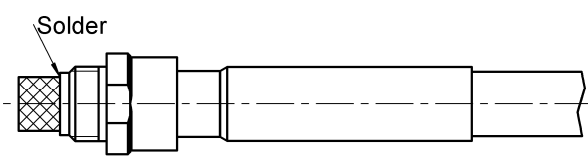
Slide the 2 heatshrink sleeves onto the cable. Strip the jacket of cable utilizing a thermic crimping tool. Slide heatshrink sleeve **c** in place. Comb and fan the braid. Put off the metallized composite tape. Comb the 2 braids.

STRIPPING DIMENSIONS



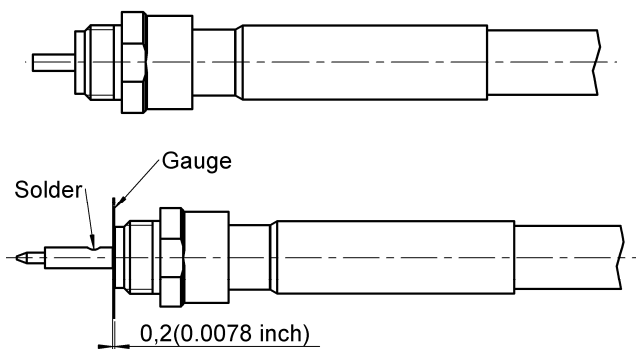
2

Slide the solder sleeve until it bottoms into the cable. Solder the contact onto the braid of the cable.



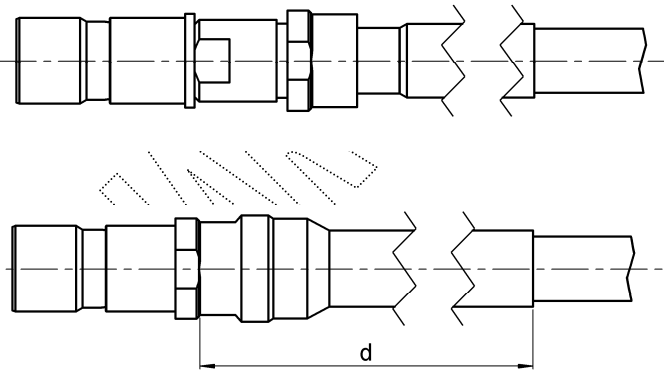
3

Slide the center contact onto the cable inserting between contact and ferrule, the solder gauge (.0078). Solder the contact onto the inner conductor.



4

Mount the whole body into the main sub assembly and screw the solder sleeve. (recommended coupling torque : see first page of the technical data sheet) Slide heatshrink sleeve **d** in place.



Issue : 0940 B

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PROHIBITION