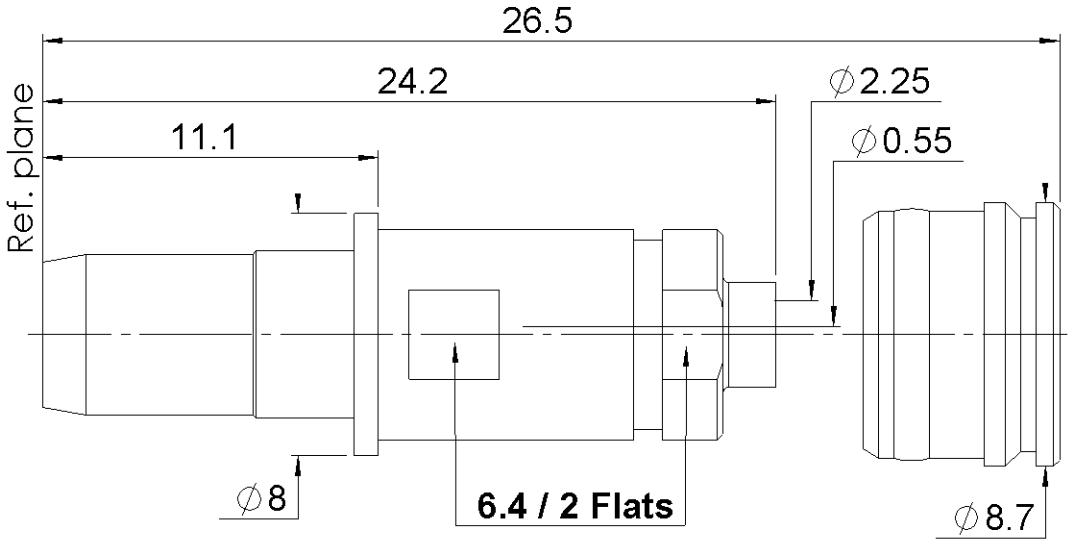
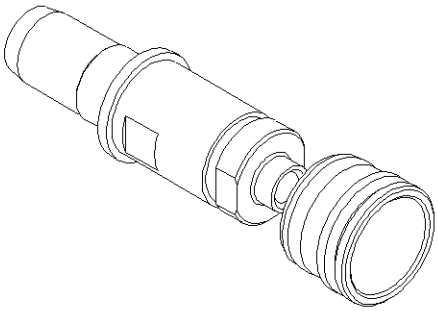
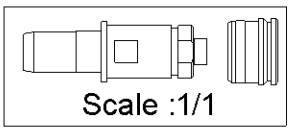
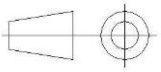
PAGE **1/3**	ISSUE **06-04-16B**	SERIES **BMA**	PART NUMBER **R128053201**







All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	**STAINLESS STEEL**	**PASSIVATED.**
Center contact	**BRASS**	**-**
Outer contact	**-**	**PASSIVATED.**
Insulator	**PTFE**	
Gasket	**-**	
Others parts	**BRASS**	**-**
-	-	-
-	-	-

PACKAGING

Standard	Unit	Other
100	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-18**	GHz
VSWR	**1.07** +	**0,0100**	x F(GHz) Maxi
Insertion loss		**0.03**	√F(GHz) dB Maxi
RF leakage	- (	**NA**	- F(GHz)) dB Maxi
Voltage rating		**350**	Veff Maxi
Dielectric withstanding voltage		**1000**	Veff mini
Insulation resistance		**5000**	MΩ 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	**200**	N.cm
A/F clamp nut	**6,4000**	mm
Mating life	**1000**	Cycles mini
Weight	**4,3000**	g

ENVIRONMENTAL

Operating temperature	**-65/+125**	°C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	**0**	**3,17**	**0**	**0**	**0**	**0**

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

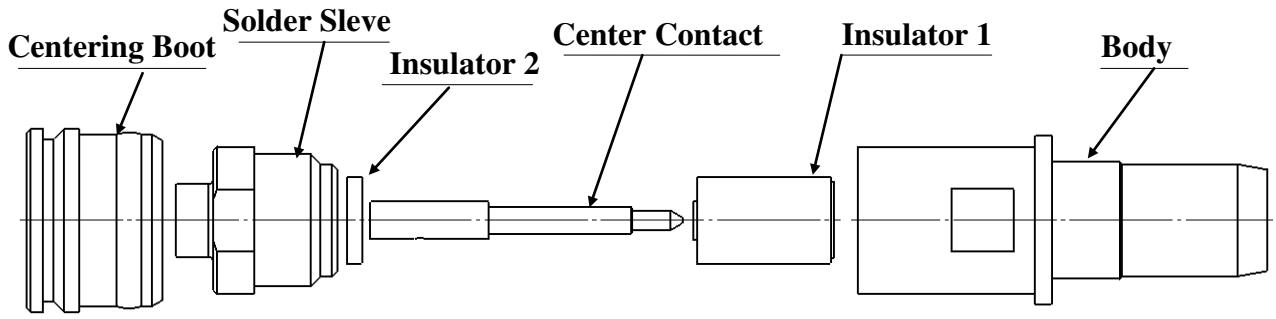
- pull off	**136**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

-



We recommend a cable thermal preconditioning before assembly

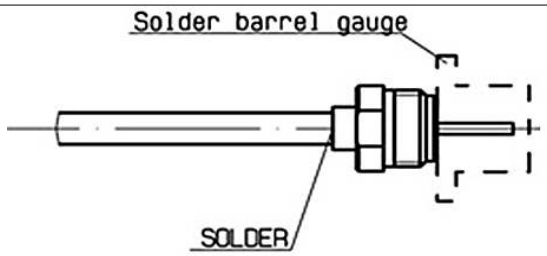
1°

To take the tool kit: R282.120.000
Strip the dielectric of the cable
Stripping tool cable: R282.051.000
Trim cable centre conductor
Trimmer: R282.063.000
Clean the cable.

Stripping	a	b	c	d	e
Inch	0	0.125	0	0	0
Mm	0	3.17	0	0	0

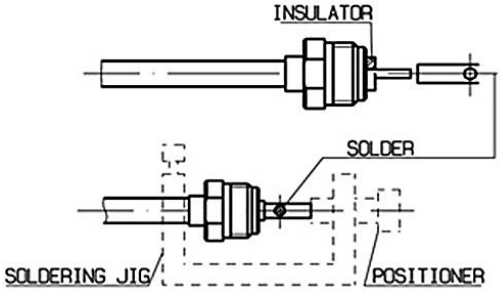
2°

Slide the solder sleeve onto the cable
Position solder sleeve flush against solder barrel gauge and solder to the cable or align with outer the connector (b).
Solder barrel gauge: R282.744.300



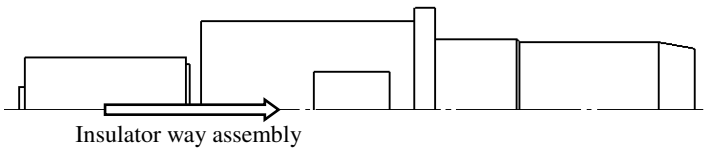
3°

Once cooled, remove the solder barrel gauge.
Cut the dielectric flush to clamp braid sleeve.
Slide the insulator onto the cable inner conductor.
Slide the insulator onto the cable inner conductor against insulator.
Fit the cabble assembly onto the soldering jig R282.740.000 and the positioner R282.744.220
Tighten cable and solder the center contact.



4°

Insulator way assembly: big flange coincident with body and little flang coincident with center contact.



5°

Screw sub-assembly into the connector body.
(Recommended coupling torque 17.7 in.lb)
*0.248/2flats on Solder too