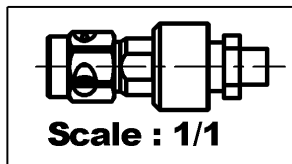
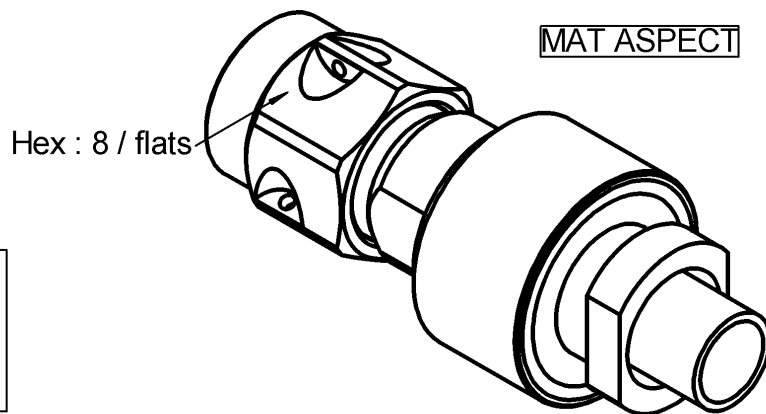
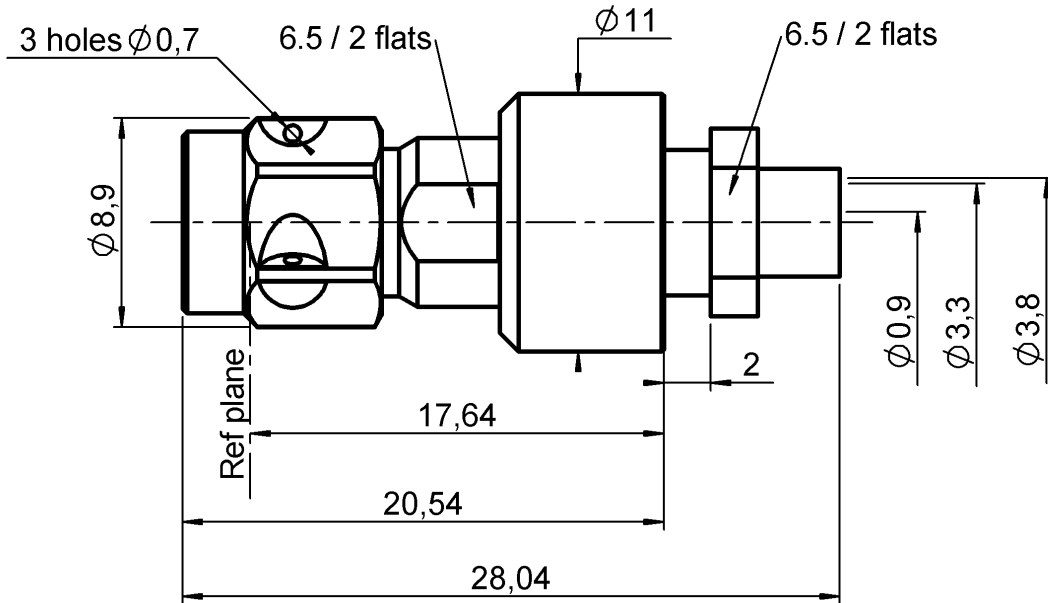


STRAIGHT PLUG SOLDER TYPE

R127.801.L00

CABLE SHF3M

Series : SMA2.9



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	STAINLESS STEEL (316L)	PASSIVATED .
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
INSULATOR	PTFE,ULTEM	
GASKET	FLUOROSILICON	
OTHERS PARTS	ST. STEEL (316L) , BRASS	GOLD , PASSIVATED
-	-	-
-	-	-

Issue : 0727 A

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



STRAIGHT PLUG SOLDER TYPE

R127.801.L00

CABLE SHF3M

Series : SMA2.9

PACKAGING

Standard	Unit	Other
1	-	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-40 GHz
VSWR	1.15 +	0,0000 x F(GHz) Maxi
Insertion loss		0.1 √F(GHz) dB Maxi
RF leakage	- (90 - 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	20,0	2,30	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
SHF 3M

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	*	N mini
- torque	NA	N.cm

TOOLING

Recommended torque		
Mating	110	N.cm
Panel nut	NA	N.cm
Clamp nut	350	N.cm
A/F clamp nut	6,5000	mm

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

Mating life	500	Cycles mini
Weight	9,0780	g

See the TDS of the cable assembly

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	IP67	

Issue : 0727 A

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



STRAIGHT PLUG SOLDER TYPE

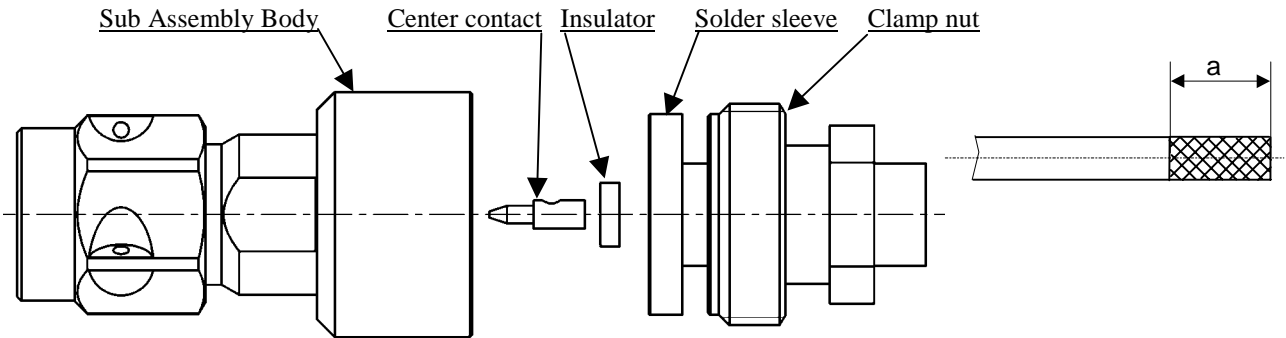
R127.801.L00

CABLE SHF3M

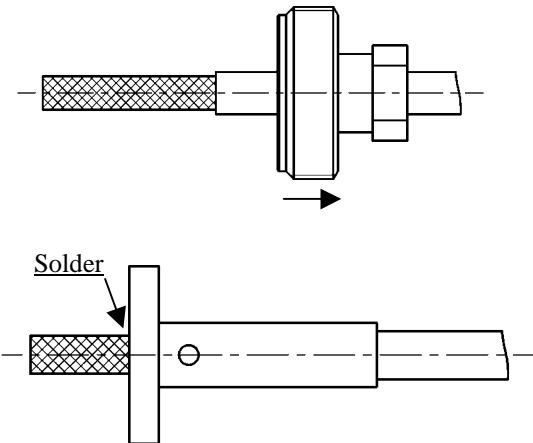
Series : SMA2.9

COMPONENTS

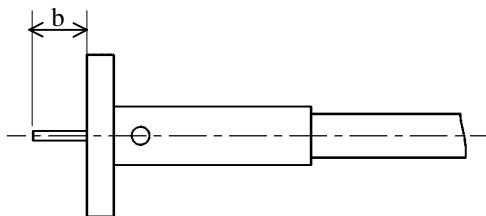
STRIPPING DIMENSIONS



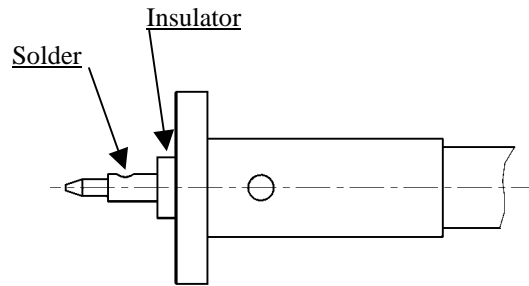
Strip the cable.
Slide the clamp nut onto the cable.
Solder the ferrule onto the braid of the cable.



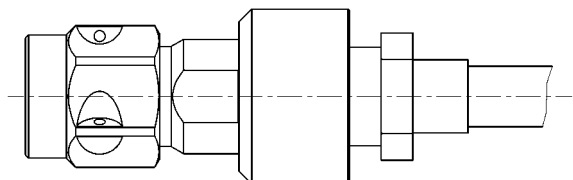
2 Cut the excess of braid and dielectric leveled on the sleeve.



3 Slide the center contact onto the cable inserting between contact and ferrule the insulator.
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 350 N/cm)



Issue : 0727 A

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

