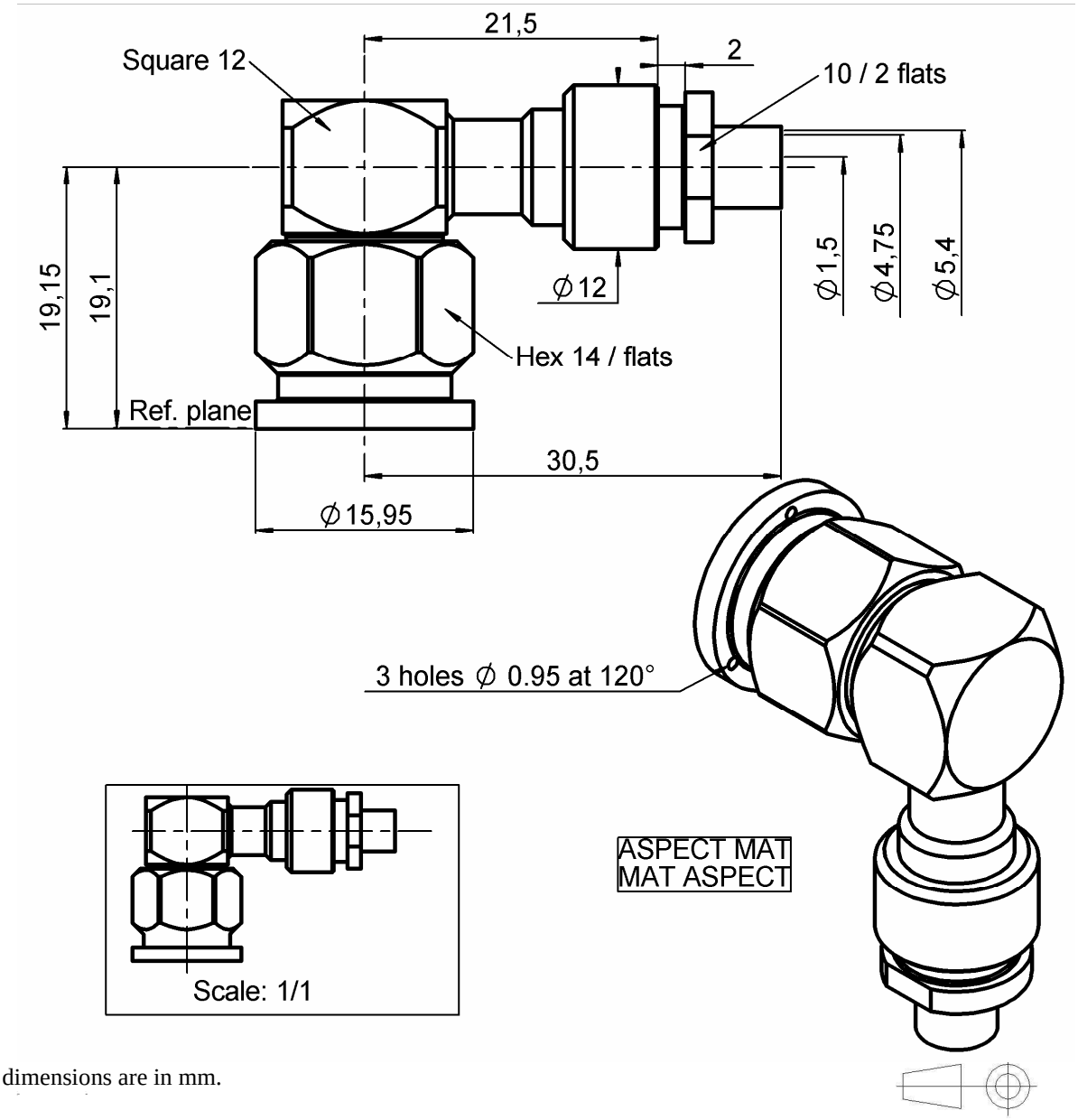
RIGHT ANGLE PLUG SOLDER TYPE

CABLE SHF 5+5M

R143.195.L01

Series : **TNC-18**



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	**STAINLESS STEEL (316L)**	**PASSIVATED**
CENTER CONTACT	**BERYLLIUM COPPER,BRASS**	**GOLD 2.5 OVER NICKEL 2**
OUTER CONTACT	-	-
INSULATOR	**PTFE**	
GASKET	**FLUOROSILICON**	
OTHERS PARTS	**ST. STEEL (316L) , BRASS**	**PASSIVATED GOLD**
-	-	-
-	-	-

Issue : 1134 A

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RIGHT ANGLE PLUG SOLDER TYPE

CABLE SHF 5+5M

R143.195.L01

Series : **TNC-18**

PACKAGING

Standard	Unit	Other
100	**'W' option**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-18**	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		**500**	Veff Maxi
Dielectric withstanding voltage		**1500**	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	**330**	N.cm
Panel nut	**NA**	N.cm
Clamp nut	**350**	N.cm
A/F clamp nut	**10,0000**	mm
Mating life	**500**	Cycles mini
Weight	**29,7500**	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	20,0	3,50	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
SHF5MAF-2
SHF5M
SHF5LI

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

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

*See the TDS cable assembly

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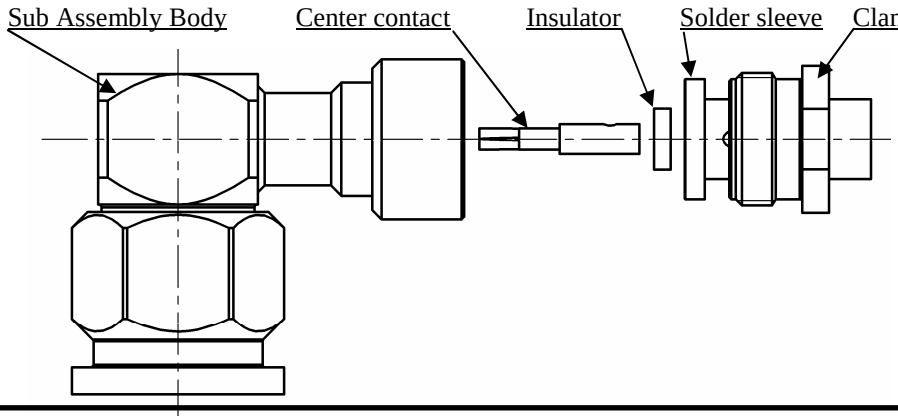
RIGHT ANGLE PLUG SOLDER TYPE

CABLE SHF 5+5M

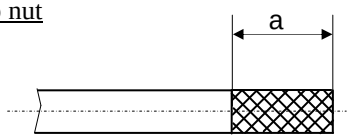
R143.195.L01

Series : **TNC-18**

COMPONENTS

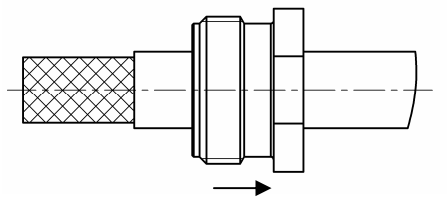


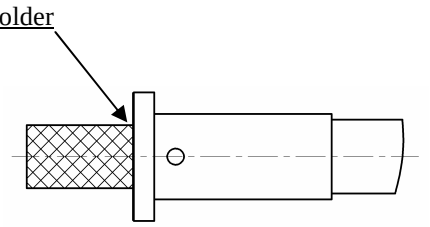
STRIPPING DIMENSIONS



1

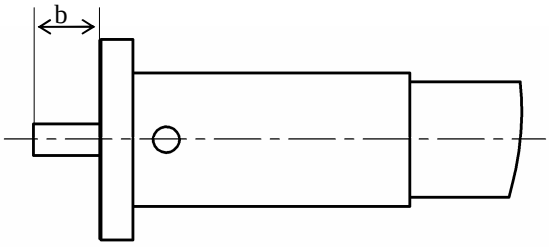
Strip the cable.
Slide the clamp nut onto the cable.
Solder the ferrule onto the braid of the cable.





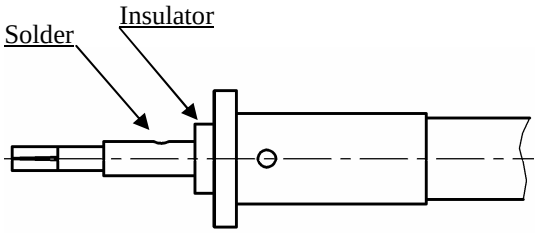
2

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



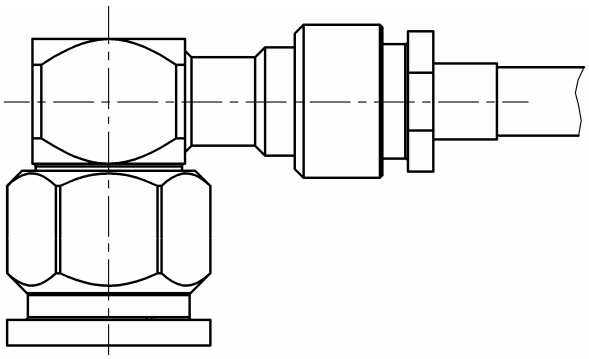
3

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)



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