BACK TO MAIN MENU

Assembly instruction Series SMA

AA 21.09.99
4726/KRI

Nr. 9118

Tools and materials required:

Soldering iron 80 to 100 Watts/200–240°C
Solder Sn/Pb, 60/40, 0,8mm ⌀, activated rosin flux,
Alcohol, brush, Stanley blade
Mounting tool W 14 "M"+"F"
Syringe W 115
Epoxy-Kit 74 Z-0-0-116
Instruction sheet 9126

Straight connector for semi-rigid cable

Cable entry: soldered

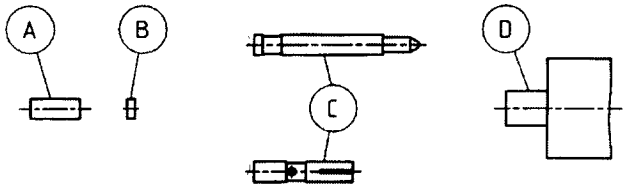
Connector types: (z.B.)

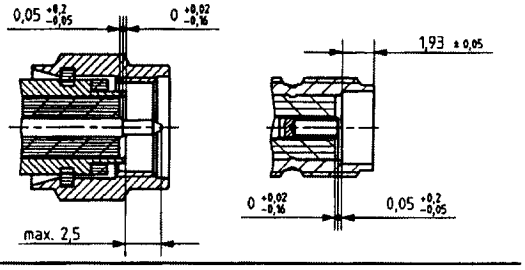
11 SMA-50-1-1
21 SMA-50-1-1
25 SMA-50-1-1
25 SMA-50-1-3

cable: UT-34

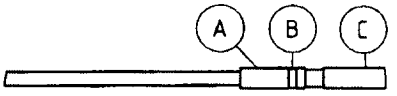
This connector is supplied in 4 parts

Centre contact:	soldered
Braid:	soldered

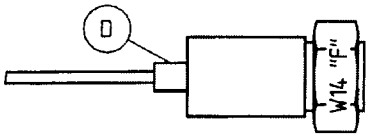




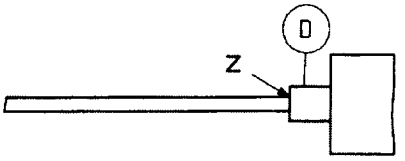
Cut cable end in a plane perpendicular to the cable axis.
Slide sleeve A onto cable.
Strip cable per diagram.
CAUTION: Do not damage inner conductor.



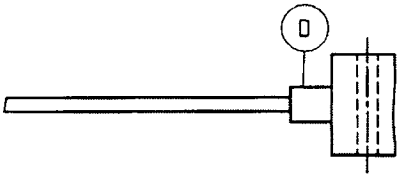
Push insulator B onto exposed inner conductor.
Slide contact C onto inner conductor, push against insulator B solder to conductor. Do not apply excessive heat.
Push sleeve A against insulator B and solder sleeve A in this position. Do not apply excessive heat.



Screw mounting tool W 14 onto connector housing D
(tool "F" for jacks)
(tool "M" for plugs)



Push prepared cable into housing D and solder.
Avoid excessive heat.
Immediately cool down and clean with alcohol.
Remove mounting tool. Inspect dimensions!



Prepare syringe per instruction sheet 9126. Place needle of syring W 115 in bore of housing D, needle must touch inner conductor. Press epoxy into bore, epoxy must completely fill bore hole. While removing needle continuously fill the space given free by the needle.
Curing let stand for 3 hours at room temperature and for 8 hours at 60°C

SUHNER's skilled staff and specialised equipment are available to carry out complete R.F.lead-assembly on your behalf.
We mount your connectors on cables at economic prices! Please contact our representative for further details of this service

HUBER + SUHNER AG CH-9100 HERISAU

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