

Assembly instruction Series SMA No. 3069

Tools and materials required :

Soldering iron 80 to 100 Watts / 220 to 240°C
 Solder Sn/Pb 60/40, 0,8mm Ø, activated rosin flux
 Scissors, blade (74 Z-0-0-68)
 Contact holder No. W 54
 Locator tool No. W 14 "F" and "M"
 Crimp tool : A insert for ...SMA-50-2-...
 B insert for ...SMA-50-3-...

Straight connectors for flexible cables

Cable entry : crimped

Connector types : (e.g.)

	21 SMA 50 - 2 - 5
	21 SMA 50 - 2 - 6
11 SMA 50 - 3 - 5	21 SMA 50 - 3 - 5
11 SMA 50 - 3 - 6	21 SMA 50 - 3 - 6

Cable : (e.g.)

RG 188 A/U
K 02252-d
RG 14.1 A/U
RG 14.2 A/U

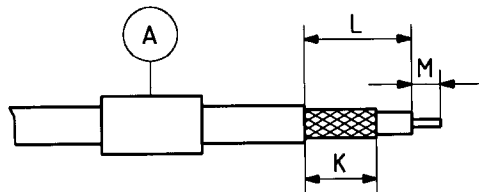
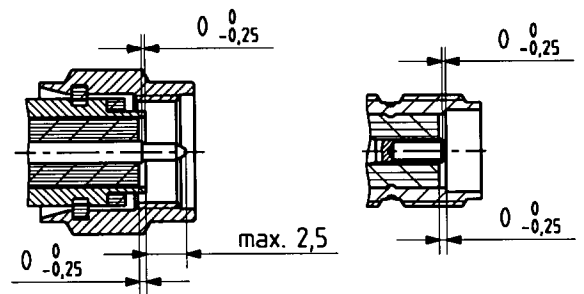
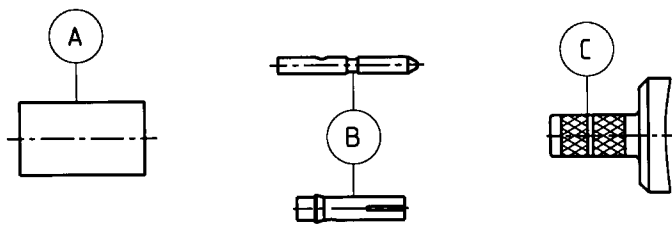
This connector
is supplied
in 3 parts

Centre contact :

soldered

Braid :

cavity A für ..SMA-50-2... / B für ...SMA-50-3...

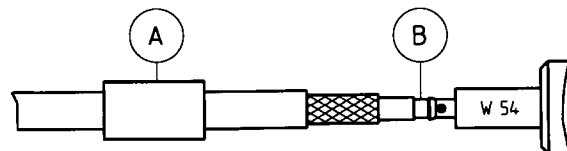


If required, slide taper sleeve or heat-shrink sleeve onto cable (not illustrated).

Prepare cable according to diagram.

Type :	K	L	M
...SMA-50-2-...	5 mm	7,5 mm	2 mm
...SMA-50-3-...	8 mm	10,5 mm	2 mm
24 SMA-50-2-...	5 mm	12,5 mm	2 mm

Slide ferrule A onto cable.

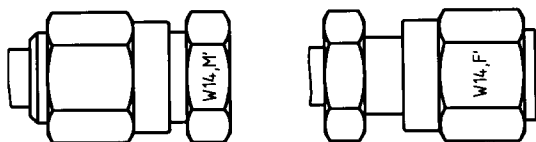


Push contact B onto contact holder W 54.

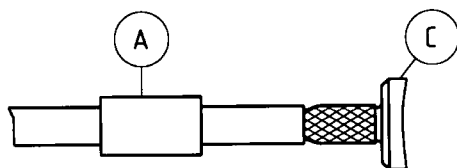
Heat contact B using a dry soldering iron.

Flow small amount of solder into bore hole of contact, insert inner conductor of cable and solder to contact.

Clean contact B and cable dielectric, remove excess solder.

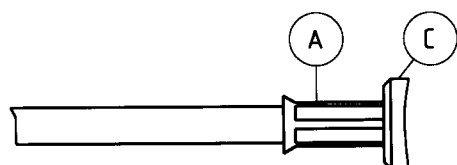


Mount locator tool W 14 onto connector body C ("M" for male, "F" for female.)



Splay out braid and insert carefully prepared cable fully into connector body C.

Ensure that braid lies above the crimp neck.



Slide ferrule A over braid to about connector body C and crimp as close to connector body C as possible. Remove locator tool and check interface dimensions.

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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