Assembly instruction Series SMA No. 3069

Tools and materials required :

Soldering iron
Solder
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

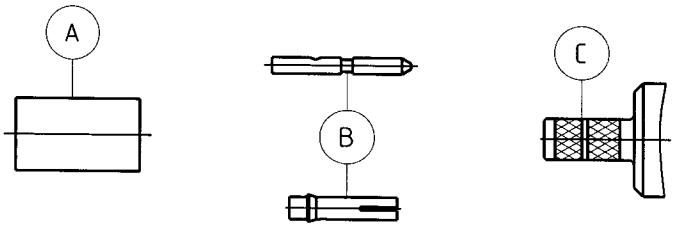
Cable entry : crimped

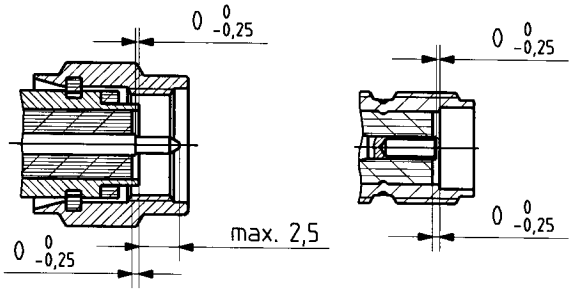
Connector types : (e.g.)		Cable : (e.g.)
	21 SMA 50 - 2 - 5	RG 188 A/U
	21 SMA 50 - 2 - 6	K 02252-d
11 SMA 50 - 3 - 5	21 SMA 50 - 3 - 5	RG 141 A/U
11 SMA 50 - 3 - 6	21 SMA 50 - 3 - 6	RG 142 A/U

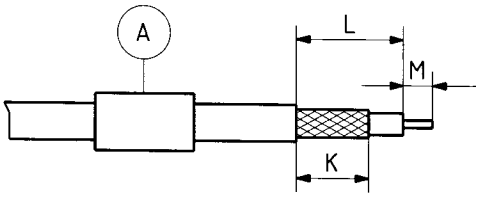
This connector is supplied in 3 parts

Centre contact : soldered

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



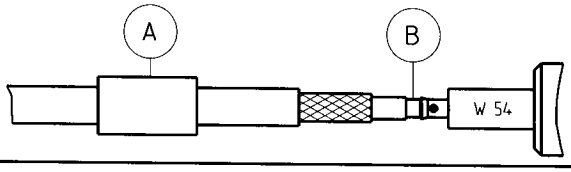




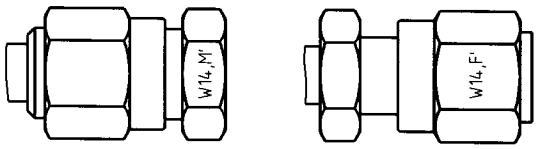
If required, slide taper sleeve or heat-shrink sleeve onto cable (not illustrated). Prepare cable acording to diagram.

Type :	K	L	M
11 SMA-50-2-...	5 mm	8,5 mm	2 mm
21 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

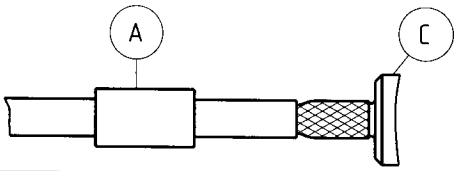
Slide ferrule A onto cable.



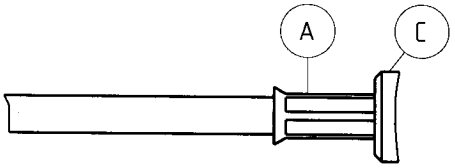
Push contact B onto contact holder W 54.
Heat contact B using a dry soldering iron.
Flow small amount of solder into bore hole of contact, insert inner conductor of cable and solder to contact.
Clean contact B and cable dielectric, remove excess solder.



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

Deutscher Text siehe Rückseite

Montageanleitung Serie SMA Nr. 3069

Benötigte Hilfsmittel:

Lötkolben
Lötzinn
Schere, Klinge (74Z-0-0-68)
Kontakthalter Nr. W 54
Montagelehre Nr. W 14 "F" bezw. "M"
Klemmzange mit Einsatz A für Verbinder ...SMA-50-2-...
oder B für Verbinder ...SMA-50-3-...

Gerade Verbinder für flexible Kabel

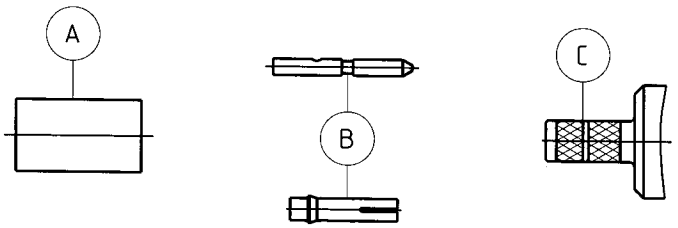
Kabeleinführung: Suhner Crimp

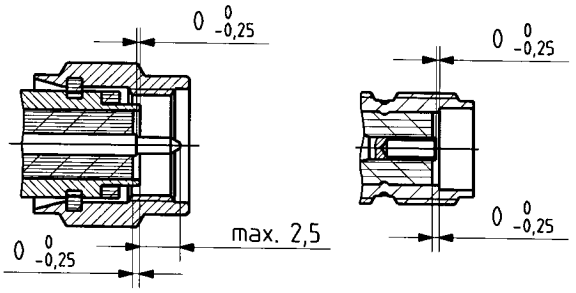
Verbinder-Typen : (z.B.)		Kabel : (z.B.)
	21 SMA 50 - 2 - 5	RG 188 A/U
	21 SMA 50 - 2 - 6	K 02252-d
11 SMA 50 - 3 - 5	21 SMA 50 - 3 - 5	RG 141 A/U
11 SMA 50 - 3 - 6	21 SMA 50 - 3 - 6	RG 142 A/U

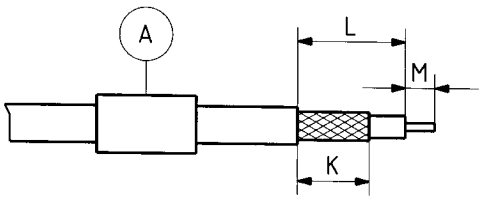
Dieser Verbinder wird in 3 losen Teilen geliefert

Innenleiter : gelötet

Aussenleiter : Aussparung A für ..SMA-50-2.../ B für ...SMA-50-3...



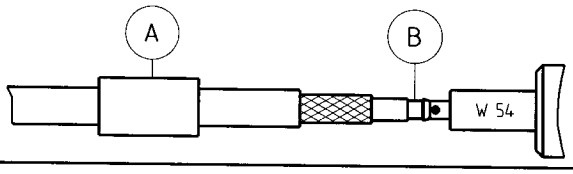




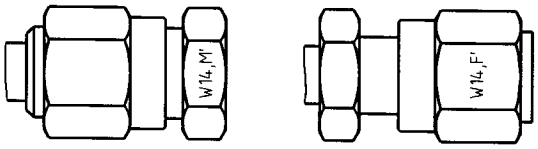
Falls vorhanden, Knickschutztülle oder Schrumpfschlauch über Kabel schieben (nicht abgebildet). Gemäss Figur abisolieren.

Typ :	K	L	M
11 SMA-50-2-...	5 mm	8,5 mm	2 mm
21 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

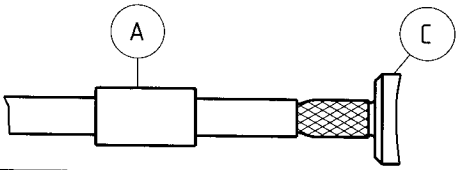
Hülse A über Kabel schieben.



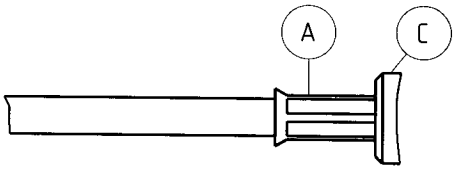
Kontakt B auf Kontakthalter W 54 stecken.
Kontakt B mit trockenem Lötkolben erwärmen, Lötzinn in die Bohrung geben, vorbereitetes Kabel in die Bohrung stossen und verlöten.
Kontakt B und Dielektrikum reinigen.



Montagelehre W 14 auf das Gehäuse schrauben.
("M" bei männlichen,"F" bei weiblichen Verbinder.)



Abschirmung leicht aufspreizen und vorbereitetes Kabel sorgfältig und vollständig in Gehäuse C stossen.
Abschirmung muss über dem Klemmhals liegen .



Hülse A über die Abschirmung schieben und möglichst nahe am Gehäuse C festklemmen.
Montagelehre entfernen und Anschlussmass prüfen.

SUHNER verfügt über gut ausgebildete Fachkräfte und rationelle Einrichtungen zur Herstellung kompletter HF-Verbindungsleitungen. Wir montieren Ihre Verbinder zu wirtschaftlichen Preisen! Wenden Sie sich an unsere Vertreter.

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for English text see overleaf