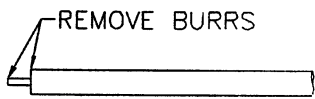
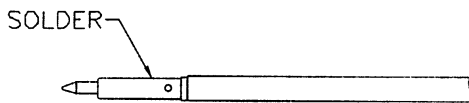


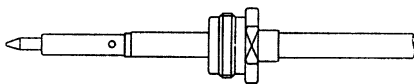
**Step 1** All parts of the connector are shown.



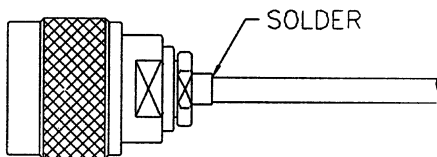
**Step 2** Strip the inner conductor, dielectric, and jacket as per "RECOMMENDED CABLE STRIPPING DIM'S" in catalog.



**Step 3** Slide the INSULATOR onto inner conductor against the jacket. Then insert conductor into the CONTACT PIN and solder it as shown.

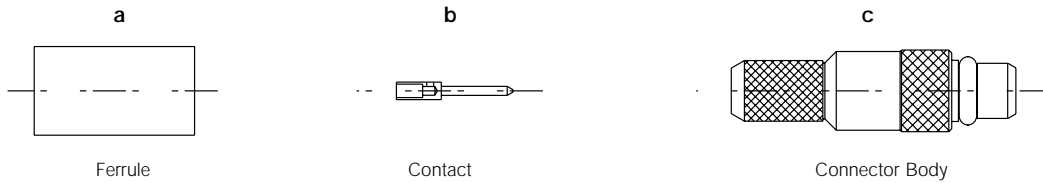


**Step 4** Slide the SOLDER NUT onto cable.



**Step 5** Insert cable and parts into the MAIN BODY, then screw the SOLDER NUT until it is tight and solder it as shown.

### STRAIGHT CONNECTORS FOR FLEXIBLE CABLE



Amphenol Number	Connector Type	Cable Type	Hex Crimp Data RG-/U	Stripping Dimensions, inches (mm)				
				Cavity for Outer Ferrule	CTL Series Tool No.	d	e	f
908-41200	Straight Plug		RG-178, 196	.105 (2.67)	CTL-13	.170 (4.32)	.300 (7.62)	.360 (9.14)
908-41300	Straight Plug		RG-174, 188, 316	.128 (3.25)	CTL-13	.170 (4.32)	.325 (7.62)	.365 (8.64)
908-41500	Straight Plug		RD-316	.151 (3.84)	CTL-13	.170 (4.32)	.325 (7.62)	.365 (8.64)
908-42300	Straight Jack		RG-174, 188, 316	.128 (3.25)	CTL-13	.170 (4.32)	.325 (7.62)	.365 (8.64)
908-42500	Straight Jack		RD-316	.151 (3.84)	CTL-13	.170 (4.32)	.325 (7.62)	.365 (8.64)

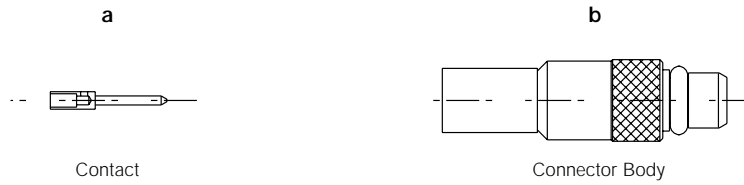
**Step 1** Prepare cable according to diagram. Do not damage braid and inner conductor of cable. Slide crimp ferrule "a" over the braid.

**Step 2** Solder contact "b" to the center conductor of the cable. Contact must butt on the dielectric of the cable as shown.

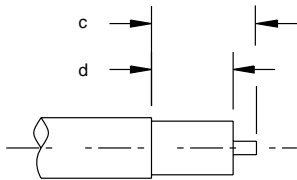
**Step 3** Flare braid and insert contact into body assembly "c". Contact must bottom in insulator resulting in a dimension of .006 ±.007 from the tip of the contact to the end of the body. Crimp ferrule using the appropriate hex dies.

Assembly

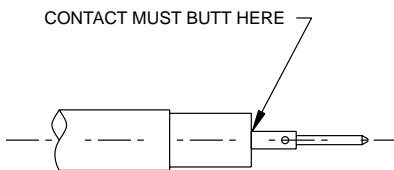
## STRAIGHT CONNECTORS FOR SEMI-RIGID CABLE



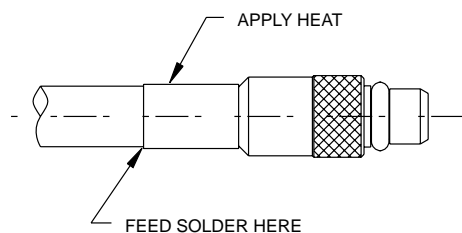
Amphenol Number	Connector Type	Cable RG-/U	Stripping Dimensions, inches (mm)	
			c	d
908-41400	Straight Plug	.086 Semi-Rigid	.180 (4.57)	.140 (3.56)
908-41600	Straight Plug	.047 Semi-Rigid	.200 (5.08)	.140 (3.56)



**Step 1** Prepare cable according to diagram. Remove burrs from outer/inner conductors of cable.

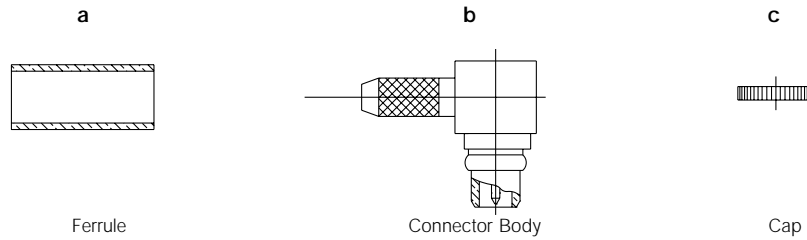


**Step 2** Solder center contact "a" to inner conductor of cable using Sn60 solder. Contact must butt on dielectric of cable as shown.



**Step 3** Insert contact into body assembly "b" as shown. Holding body and cable firmly, apply heat as shown and feed solder (Sn-60) as indicated. Allow to cool. The dimension from the contact tip to the end of the body should be  $.006 \pm .007$ .

## RIGHT ANGLE CONNECTORS FOR FLEXIBLE CABLE



Amphenol Number	Connector Type	Cable RG-/U	Hex Crimp Data		Stripping Dimensions, inches (mm)		
			Cavity for Outer Ferrule	CTL Series Tool No.	d	e	f
908-43200	Right Angle Plug	RG-178, 196	.105 (2.67)	CTL-13	.170 (4.32)	.235 (5.97)	.285 (7.24)
908-43300	Right Angle Plug	RG-174, 188, 316	.128 (3.25)	CTL-13	.170 (4.32)	.235 (5.97)	.285 (7.24)
908-43500	Right Angle Plug	RD-316	.151 (3.84)	CTL-13	.170 (4.32)	.235 (5.97)	.285 (7.24)

**Step 1** Prepare cable according to diagram. Do not damage braid and inner conductor of cable. Slide crimp ferrule "a" over the braid.

BRAID AND DIELECTRIC

**Step 2** Flare braid and insert into body. Slide crimp ferrule over body and crimp the ferrule using appropriate crimp tool and die cavity.

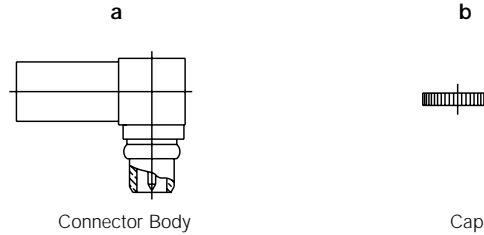
CRIMP ZONE

**Step 3** Solder inner conductor to contact (Sn 60 recommended). Place cap "c" on rear opening of body "b". Press cap "c" into housing "b" with a flat punch or tool #908-50100.

SOLDER

Assembly

## RIGHT ANGLE CONNECTORS FOR SEMI-RIGID CABLE



Amphenol Number	Connector Type	Cable RG-/U	Stripping Dimensions, inches (mm)	
			c	d
908-43400	Right Angle Plug	.086 Semi-Rigid	.090 (2.29)	.050 (1.27)
908-43600	Right Angle Plug	.047 Semi-Rigid	.090 (2.29)	.050 (1.27)

COPPER JACKET

NO BURRS

**Step 1** Prepare cable as shown. Remove burrs from outer/inner conductor of cable.

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HEAT HERE

FEED SOLDER HERE

**Step 2** Insert cable into connector until it bottoms on shoulder of body. Solder outer conductor (Sn-60) recommended.

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SOLDER

**Step 3** Solder inner conductor to contact (Sn-60 recommended). Place cover "b" on rear opening of body "A". Press cap "b" into housing "a" with a flat punch or tool #908-50100.