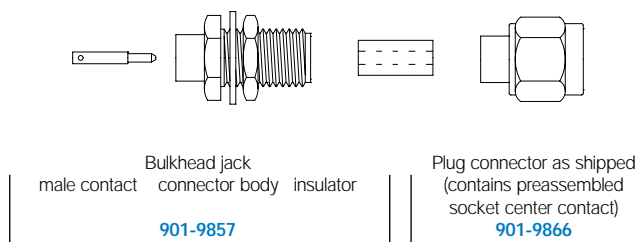


# Assembly Instructions-C59

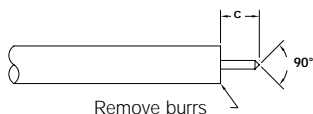
## SMA-Reverse Polarity

Amphenol®

### SOLDER TYPES FOR .141" SEMI-RIGID CABLE



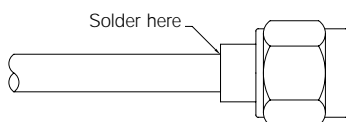
#### Step 1



#### Step 1

Clean cable end for .625" (16mm) min. length. Trim cable jacket and dielectric to  $c = .090(2.3)$  for 901-9866 or  $c = .125(3.2)$  for 901-9857. Do not nick center conductor. Remove burrs from cable jacket and center conductor. For 901-9866, file blunt end of center conductor to a 90° cone.

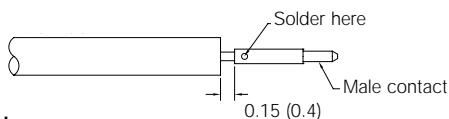
#### Step 2 for 901-9866 RP-Plug RP-Plug



#### Step 2

For 901-9866 assemble cable into connector body. Make sure center conductor is straight. Use care in pushing center conductor into spring contact. Make sure jacket bottoms in connector. Maintain end pressure while soldering. Avoid excessive heat which may distort dielectric.

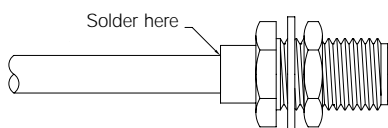
#### Step 2 for 901-9857 RP-Bu



#### Step 2

For 901-9857 solder contact to center conductor. Use .015" (.4mm) shim to accurately maintain space between jacket, dielectric and contact. Remove all excess solder.

#### Step 3a, b



#### Step 3a

Assemble cable and contact into connector body. Cable jacket and dielectric to be flush with shoulder of body as shown. Solder cable to connector body. Avoid excessive heat which may distort dielectric.

#### Step 3b

Press fit insulator into connector body. Bottom insulator in connector body as shown.