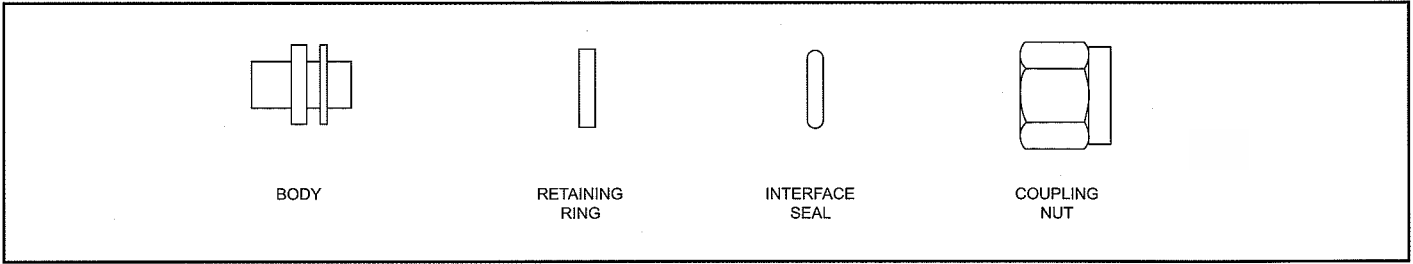
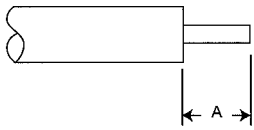


**AI-302 SMA Straight Connectors, Direct Solder (Cable Conductor used as Center Contact) Type for Semi-Rigid Cable**



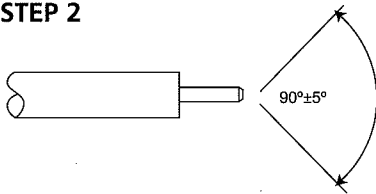
**STEP 1**



1. Trim the cable outer conductor and dielectric as shown taking care not to nick the center conductor. Deburr outer conductor at point of cut.

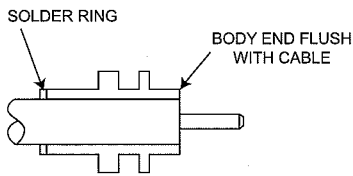
$$A = 2,16 \pm 0,13 (.085 \pm .005)$$

**STEP 2**



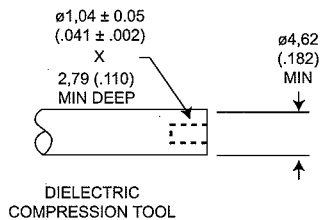
2. Point the end of the center conductor using a miniature file.
3. If style - 9073 is being assembled slip the coupling nut onto the cable.

**STEP 4**



4. Clean housing area of outer conductor with abrasive paper and clean in a suitable agent. Place 24 s.w.g. soldering ring and connector body on prepared end of cable. Ensure body is correct way round. End of cable to be flush with end of connector body as shown.

**STEP 5**



5. Compress expanded dielectric back into cable outer conductor with Dielectric Compression Tool as shown, until it is flush with end of body and outer conductor.
6. Fit the interface seal.
7. Install the spring retaining ring, compress with Tool T0557/1 and fit the coupling nut.

Dimensions are shown: mm (inch)  
Specifications and dimensions subject to change