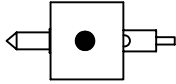


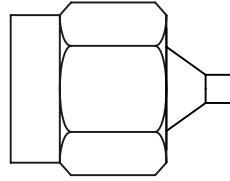
# COAX CO., LTD. SMA plug connector assembly instructions

Specification No.	Connector	Cable type
SH050121-01E	AX-033P, AX-040P, AX-058P	SC-033/50, SC-040/50, SC-058/50 series

### Supplied parts

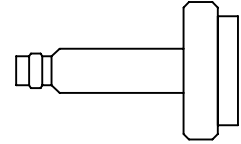


Center pin with dielectric



Connector body

### Tool

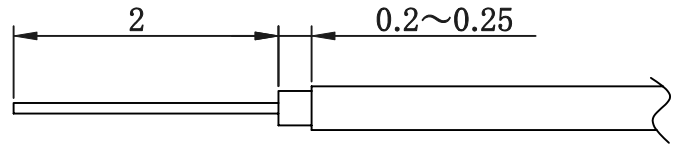


SMA plug connector dielectric insert tool  
(This tool not included)

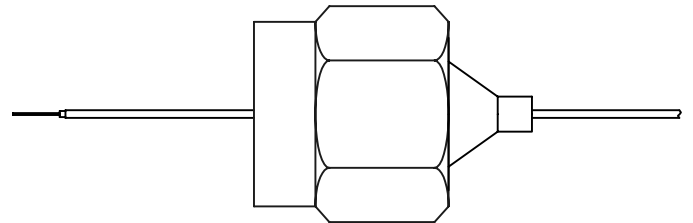
### 1. Strip cable

- ① Remove dirt about 8mm from cable edge by fine sand paper and wipe with IPA.
- ② Strip cable as dimension shown.
- ③ Solder dip center conductor of cable.  
(Solder all part of center conductor.)

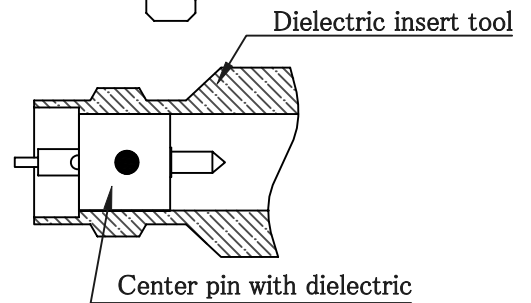
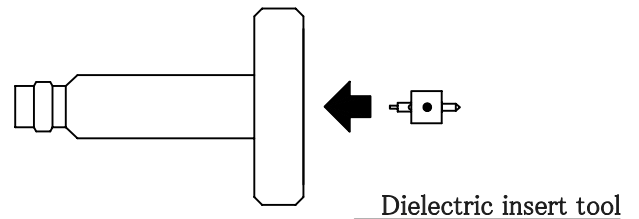
Unit: mm



### 2. Insert cable into connector body as shown right.



3. Insert center pin with dielectric into dielectric insert tool as shown right.  
(Caution: Do not insert too much.)

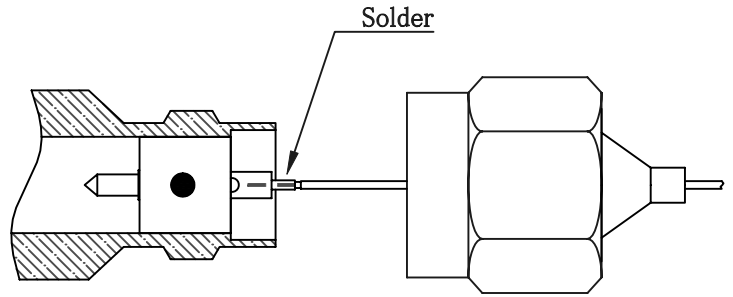


※ Please try to solder in a short time to avoid excessive heat.

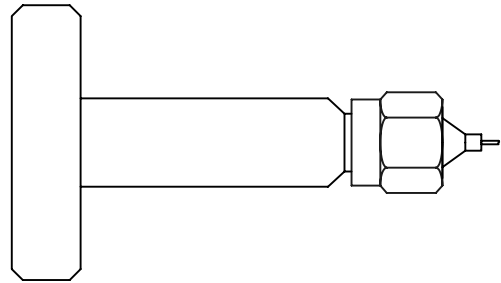
Date	Drawn	Checked	Approved
'05.01.21	S.Kasai	S.Iwasaki	Kasai

Specification No.	Connector	Cable type
SH050121-01E	AX-033P, AX-040P, AX-058P	SC-033/50, SC-040/50 SC-058/50 series

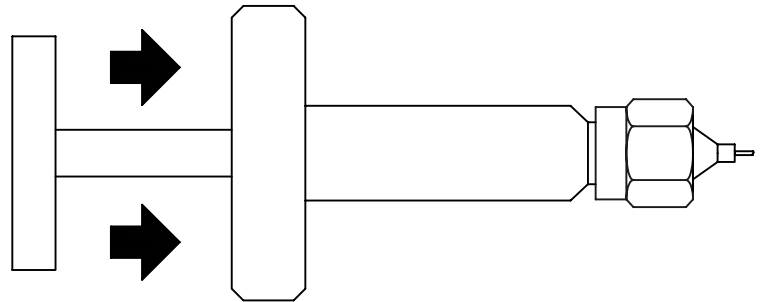
4. Insert center conductor of cable into center pin trying to make both parts straight. Push cable into center pin until dielectric of cable touches end of pin. Solder marked part of center pin by soldering iron.
- Cool down the soldered part and clean with IPA and dry.



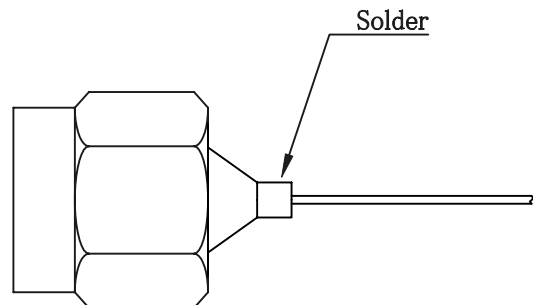
5. Connect dielectric insert tool and connector body preventing cable bend.



6. Insert dielectric into connector body at a stroke by using dielectric insert tool.



7. Solder marked part by soldering iron. Avoid excessive heat.



※ Please try to solder in a short time to avoid excessive heat.