DOCUMENT NUMBER NCD-49B2-08

SSC-PE Series
Single-Mode
SC CONNECTOR PLUG

TECHNICAL SPECIFICATIONS

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Document Number NCD-49B2-08

NCD-49B2-01	October 1994
NCD-49B2-02	January 1995
NCD-49B2-03	January 1996
NCD-49B2-04	June 1997
NCD-49B2-05	May 1998
NCD-49B2-06	July 1999
NCD-49B2-07	April 2000
NCD-49B2-08	May 2003

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1. PROVISION

1.1 Application Limit

These specifications apply to the SSC-PE Single-Mode SC CONNECTOR PLUG supplied by **SII**.

2. PARTS NUMBER

Parts number of the connector is shown in Table 1.

Table 1 Parts number

MODEL Number	TYPE Number								
SSC-PE	3	7	1	2	5	1	A	3	0	0

Hood color	
0	without hood
3	White
5	Blue

Hood Inner Dia	
0	without hood
1	0.9mm (non flamable)
6	2.0mm (Plastic)
7	3.0mm (Plastic)
9	0.9mm (Plastic)

Ferrule Inner Dia
S5 to S6 (0.125 to 0.126mm)

Marking of Grip	
1	**SII / SSC-P**

Cap	
4	Blue PVC
A	Black Ferrule Cap

Package	
3	Bulk

(Requied)
0 0

3. GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and the materials are shown in Table 2 to 3.

Table 2 Parts and materials

No.	Part Name	Q'ty	Material	Notes
1	Mainbody	1	See Table 3	Sub-assembled
2	Grip	1	PBT GF	Blue, UL94V-0
3	Crimping ring	(1)	Aluminum alloy	for ϕ3.0mm cable
4			Aluminum alloy	for ϕ2.0mm cable
5	Hood	(1)	Thermal plastic elastomer	for ϕ3.0mm, UL94V-0
6			Thermal plastic elastomer	for ϕ2.0mm, UL94V-0
7			Synthetic rubber	for ϕ0.9mm, UL94V-0
8			Thermal plastic elastomer	for ϕ0.9mm, UL94V-0
14	Cap	1	PP	Black
15			PVC	Blue

Table 3 Parts and materials (Mainbody)

No.	Part Name	Q'ty	Material	Notes
9	Ferrule	1	Zirconia	– –
10	Flange	1	Brass	Nickel plating
11	Plug frame	1	PBT GF	White, UL94V-0
12	Spring	1	Stainless steel	– –
13	Stop ring	1	Brass	Nickel plating

3.2 Physical Dimensions

Figure 1 shows the assembled state of SSC-PE (Cord type).
Figure 2 shows the assembled state of SSC-PE (Buffered fiber type).
Figure 3 shows the Mainbody.
Figure 4 to 12 show the part dimension.

- In accordance with IEC 61754-4 Fibre optic connector interface - Part 4 : Type SC connector family.
- In accordance with JIS C 5973 F04 type connectors

3.3 General Tolerances

Permissible deviation in dimensions without tolerance indication is in accordance with JIS B 0405 class m, as shown in Table 4.

Table 4 General tolerance (JIS B 0405 class m)

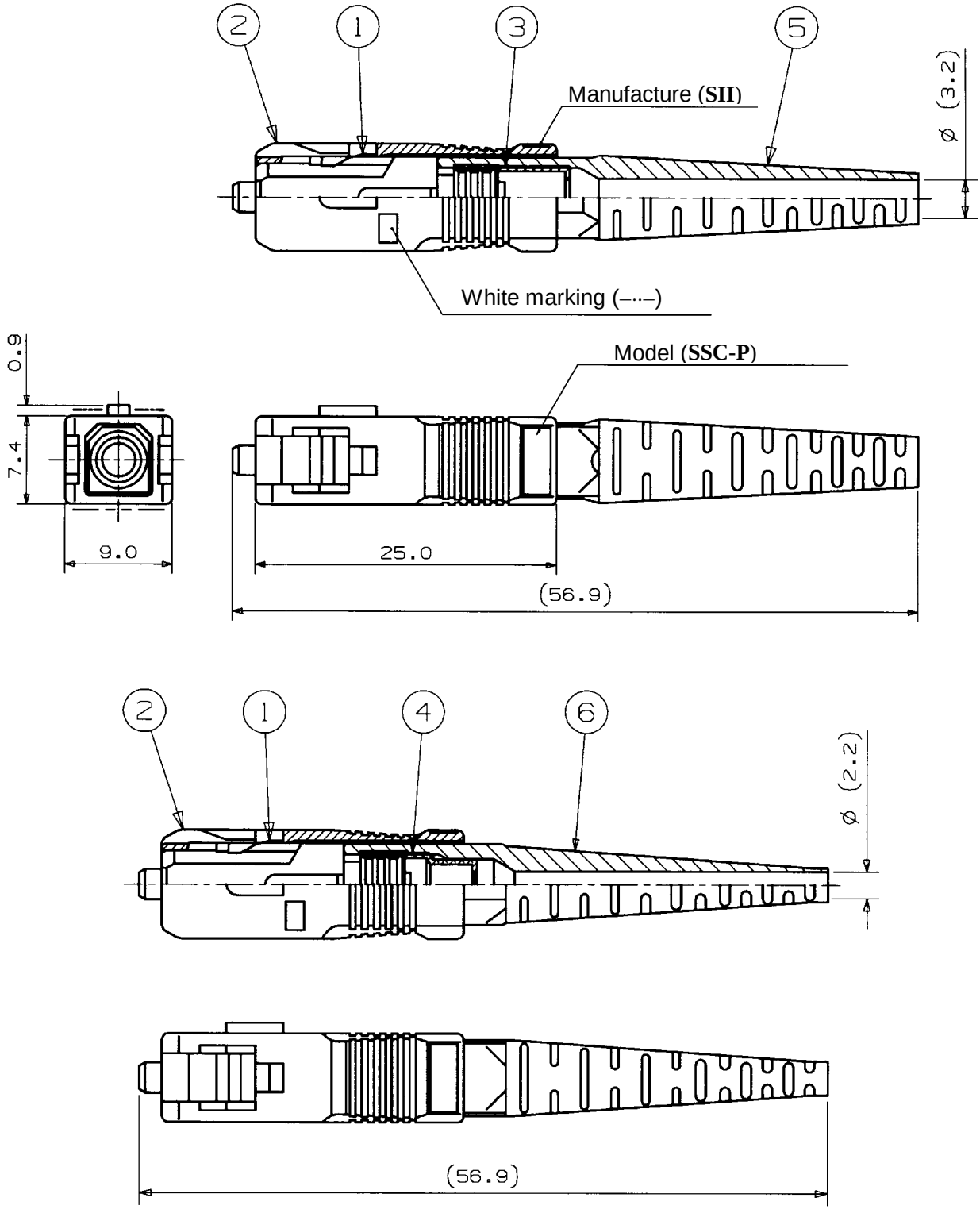
Basic size step [mm]		Permissible deviation [mm]
Over	Under	
0.5	3	±0.1
3	6	±0.1
6	30	±0.2
30	120	±0.3

4. PACKING

The product is packed to prevent damage during shipment.

5. NOTE

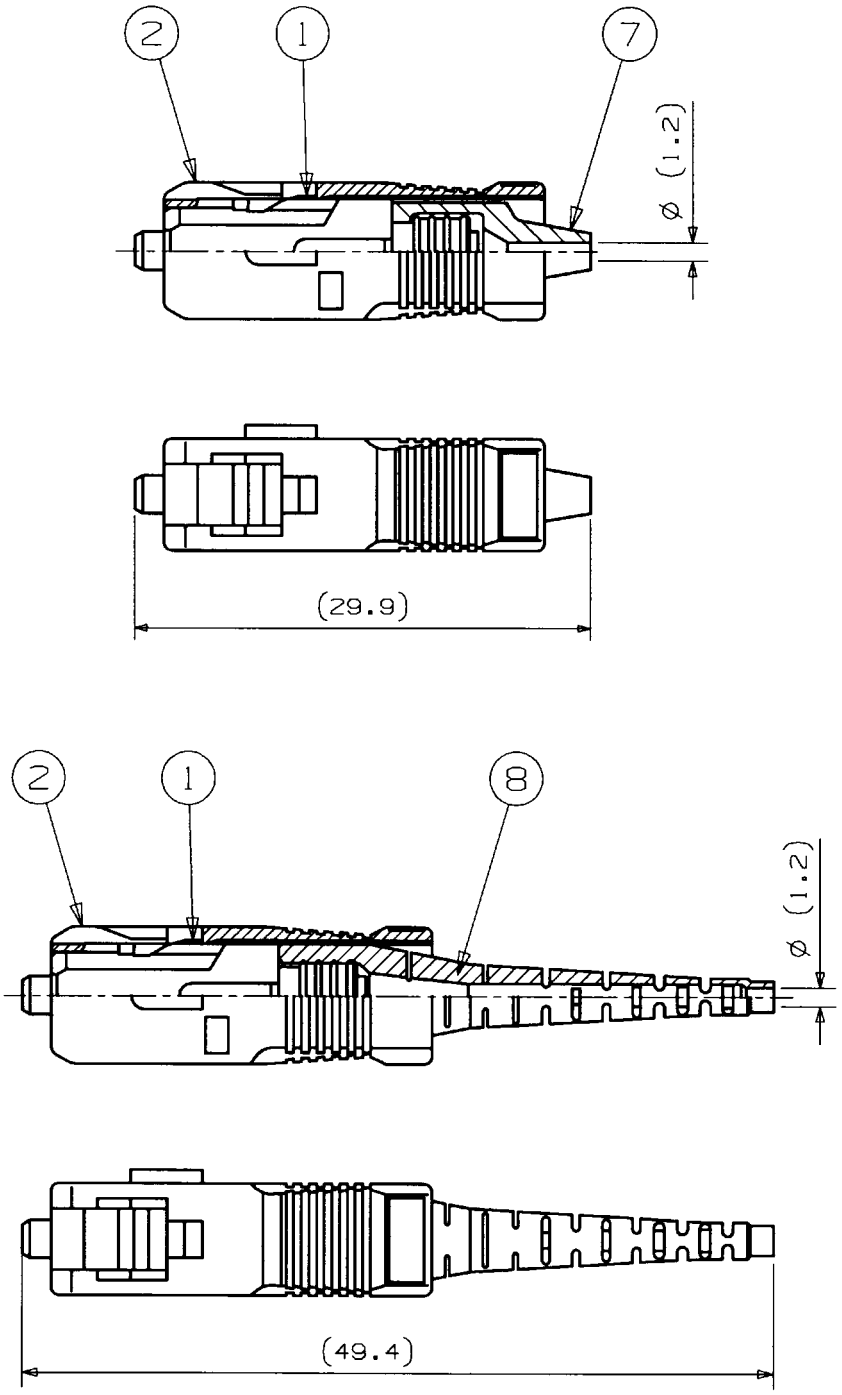
When discarding this product, please follow the regulation of your own country.



note.1: This drawing shows the tentatively assembled condition. In practice, the connector plug is not assembled like this.
note.2: This drawing does not include caps.

Unit: mm

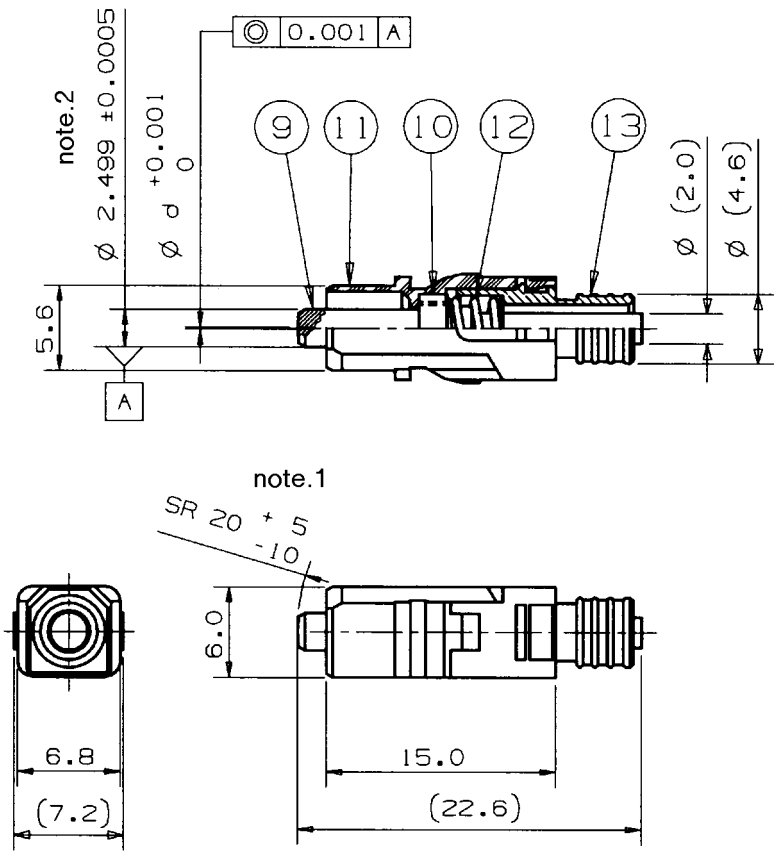
Figure 1 SSC-PE Connector (Cord type)



note.1: This drawing shows the tentatively assembled condition. In practice, the connector plug is not assembled like this.
note.2: This drawing does not include caps.

Unit: mm

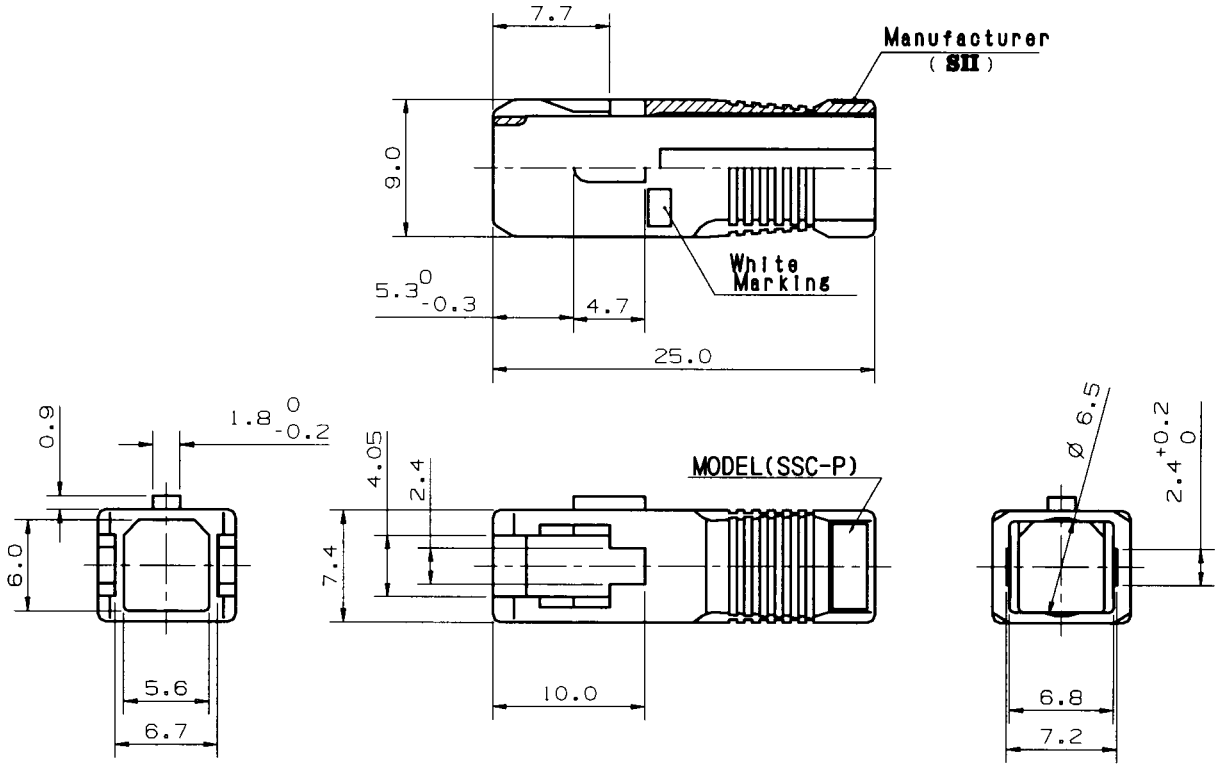
Figure 2 SSC-PE Connector (Buffered fiber type)



note.1: End curve offset = 0.05mm or less.
note.2: Ferrule hole diameter (capillary) shows Table 1.

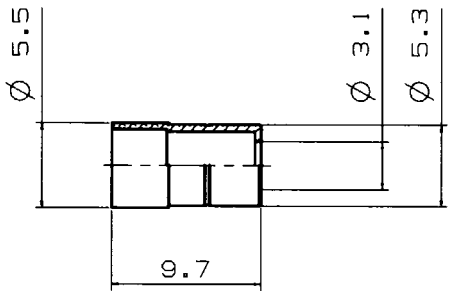
Unit: mm

Figure 3 #1 : Mainbody



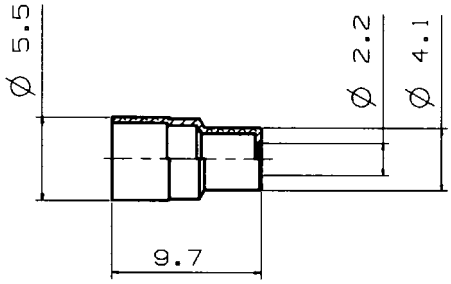
Unit: mm

Figure 4 #2 : Grip



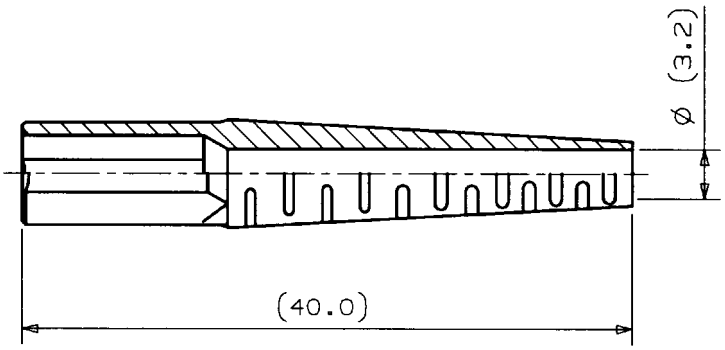
Unit: mm

Figure 5 #3 : Crimping ring (for 3.0mm cord)



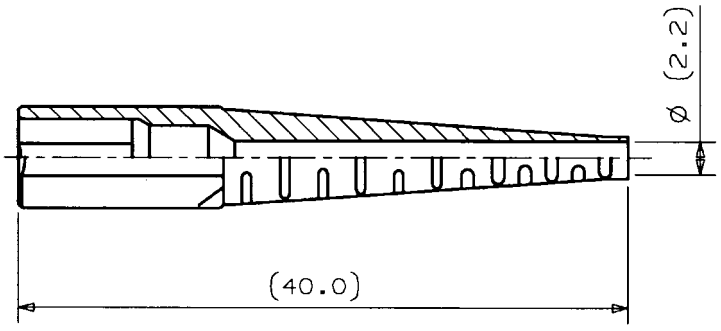
Unit: mm

Figure 6 #4 : Crimping ring (for 2.0mm cord)



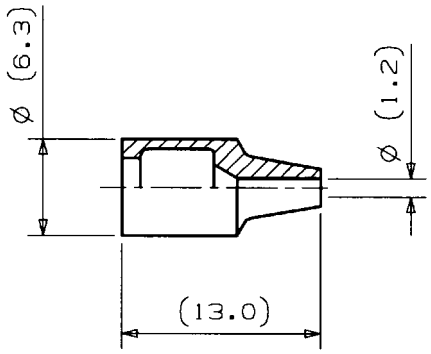
Unit: mm

Figure 7 #5 : Hood (for 3.0mm cord)



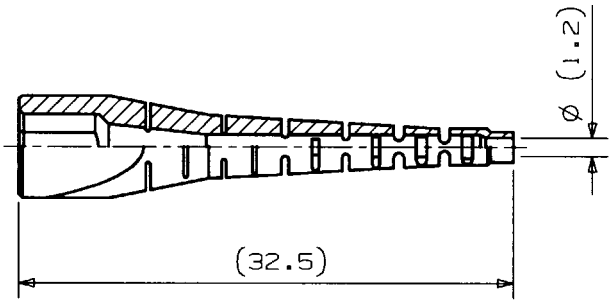
Unit: mm

Figure 8 #6 : Hood (for 2.0mm cord)



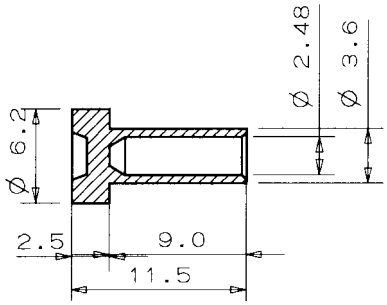
Unit: mm

Figure 9 #7 : Hood (for 0.9mm buffered fiber)



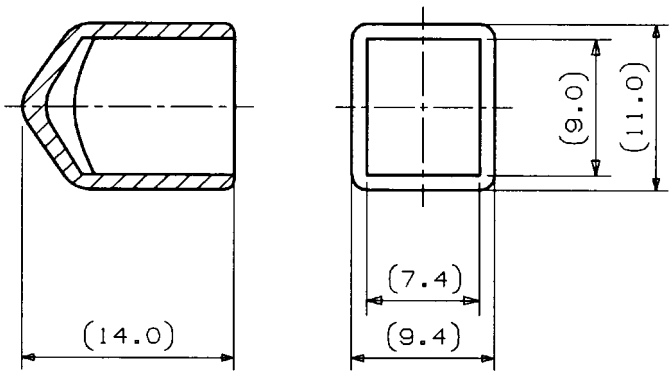
Unit: mm

Figure 10 #8 : Hood (for 0.9mm buffered fiber)



Unit: mm

Figure 11 #14 Cap (Ferrule Cap)



Unit: mm

Figure 12 #15 : Cap (PVC)