

SSC-PNE Series
Single-Mode Pre-Angle
SC CONNECTOR PLUG
- for Angled-PC / Easy-assemble type -

TECHNICAL SPECIFICATIONS

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TABLE OF CONTENTS

Section	Page
1. PROVISION	1
1.1. Application limit	1
2. PARTS NUMBER	1
3. GENERAL SPECIFICATIONS	2
3.1. Parts and Materials	2
3.2. Physical Dimensions	2
3.3. General Tolerance	2
4. PACKING	2

Table

Table 1	Parts number	1
Table 2	Parts and materials	2
Table 3	Parts and materials (Mainbody)	2
Table 4	General tolerance	2

Figure

Figure 1	SSC-PNE Connector (Cord type)	3
Figure 2	SSC-PNE Connector (Bufferd fiber type)	4
Figure 3	Mainbody	5
Figure 4 to 12	Part dimensions	6

1. PROVISION

1.1 Application Limit

These specifications apply to the SSC-PNE single-mode pre-angle 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-PNE		8	7	1	2	5	1	B	3	0	0
Hood color										(Required)	
0	without hood									0 0	
8	Green										
Hood Inner Dia										Package	
0	without hood									1 Individual	
1	0.9mm (non flammable)									3 Bulk	
6	2.0mm (Plastic)									Cap	
7	3.0mm (Plastic)									0 without	
9	0.9mm (Plastic)									8 Green PVC	
Ferrule Inner Dia										B Green Ferrule Cap	
S5 to S6 (0.125 to 0.126mm)										Marking of Grip	
										1 SII / SSC-P	

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	Green, UL94V-0
3	Crimping ring	(1)	Aluminum alloy	for ϕ 3.0mm cable
4			Aluminum alloy	for ϕ 2.0mm cable
5	Hood	(1)	Thermal plastic elastomer	for ϕ 3.0mm, UL94V-0, Green
6			Thermal plastic elastomer	for ϕ 2.0mm, UL94V-0, Green
7			Synthetic rubber	for ϕ 0.9mm, UL94V-0, Green
8			Thermal plastic elastomer	for ϕ 0.9mm, UL94V-0, Green
14	Cap	(1)	PP	Green
15			PVC	Green

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-PNE (Cord type).

Figure 2 shows the assembled state of SSC-PNE (Buffered fiber type).

Figure 3 shows the Mainbody.

Figure 4 to 11 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

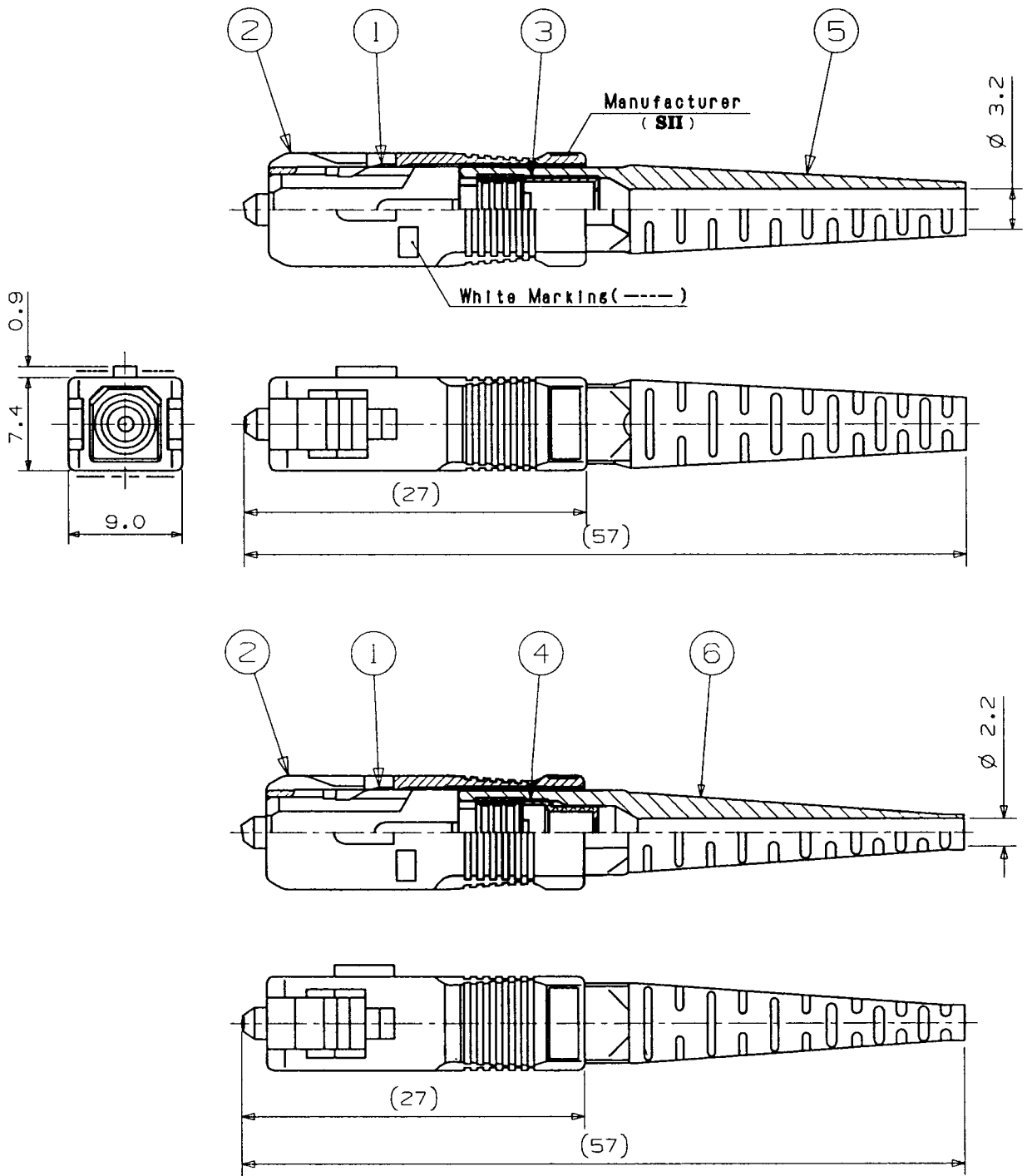
Permissible deviation in dimensions without tolerance indication is in accordance with JIS B 0405 class m, as shown in Table 4.

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.

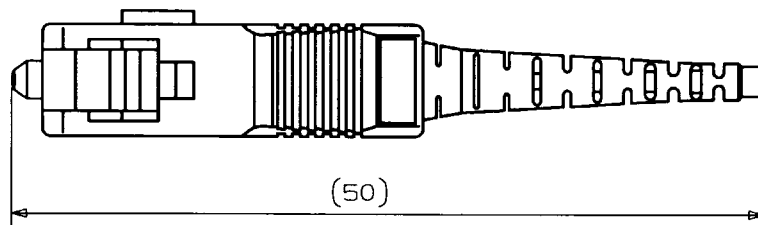
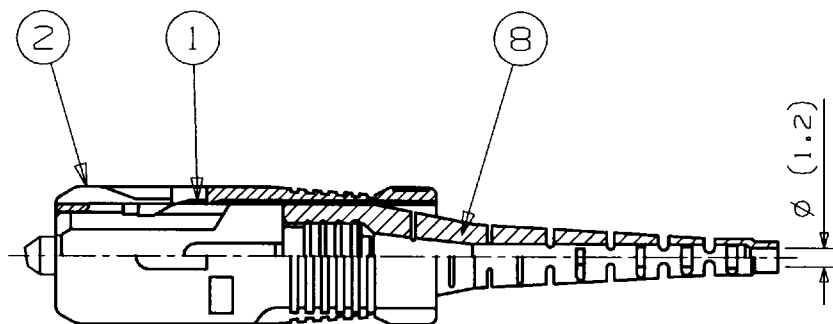
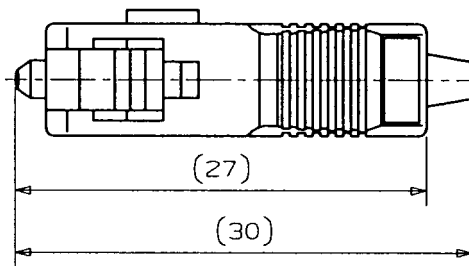
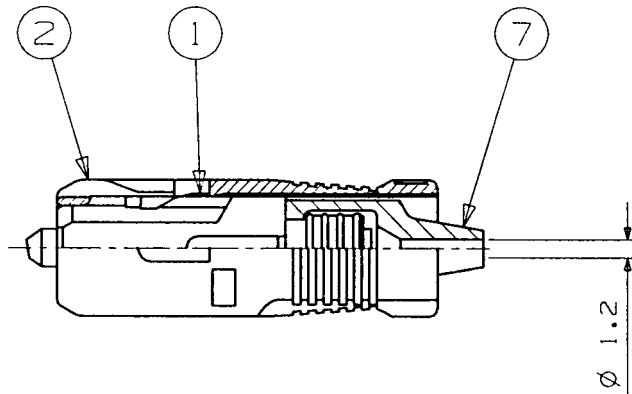


note.1: This drawing shows the tentatively assembled condition. In practice, the connector plug is not assembled like this.

note.2: This drawing does not include caps.

Unit: mm

Figure 1 SSC-PNE Connector (Cord type)

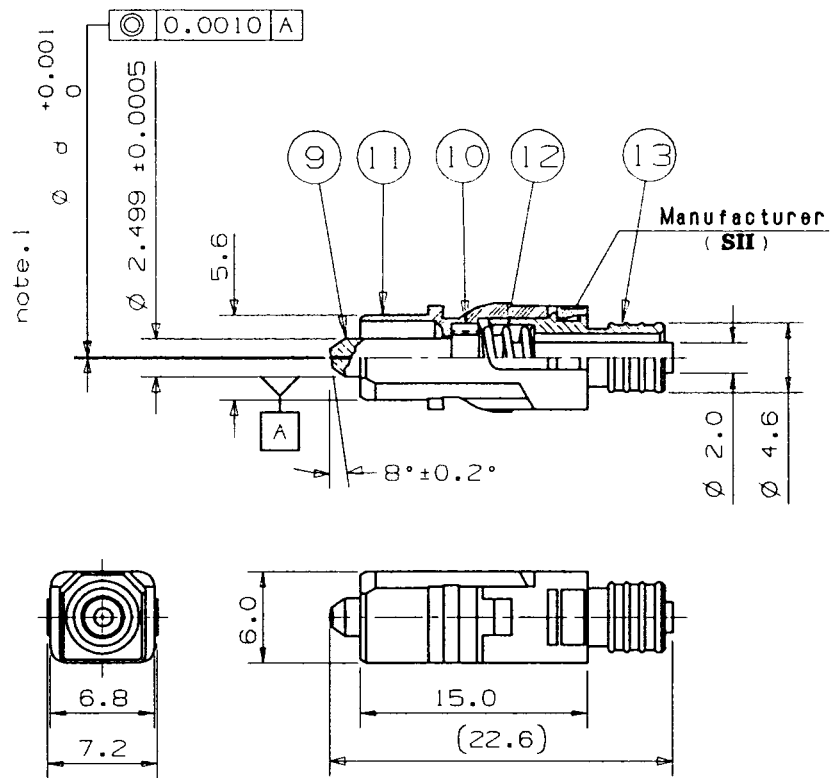


note.1: This drawing shows the tentatively assembled condition. In practice, the connector plug is not assembled like this.

note.2: This drawing does not include caps.

Unit: mm

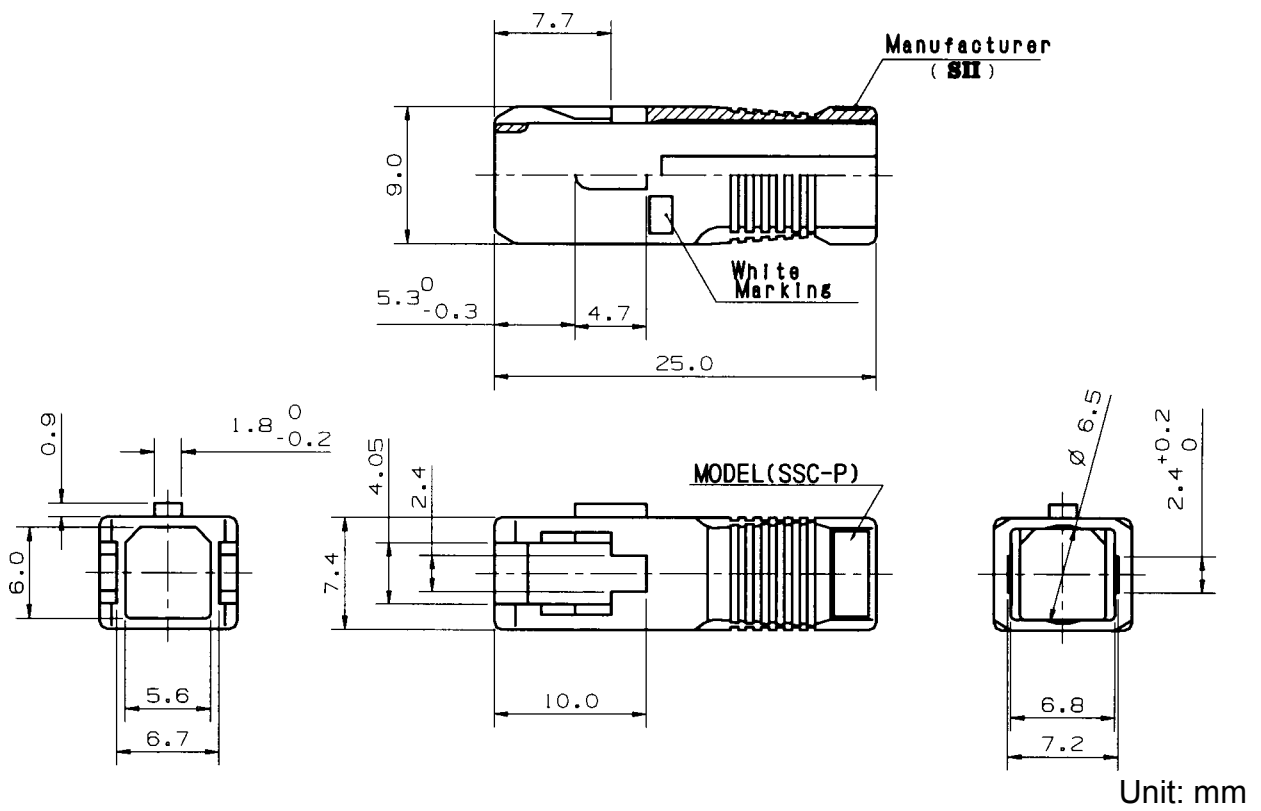
Figure 2 SSC-PNE Connector (Buffered fiber type)



note.1: Ferrule hole diameter (capillary) shows Table 1.

Unit: mm

Figure 3 #1 : Mainbody



Unit: mm

Figure 4 #2 : Grip

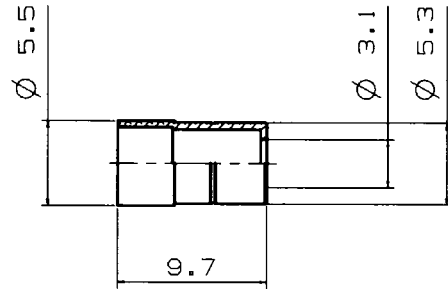


Figure 5 #3 : Crimping ring (for 3.0mm cord)

Unit: mm

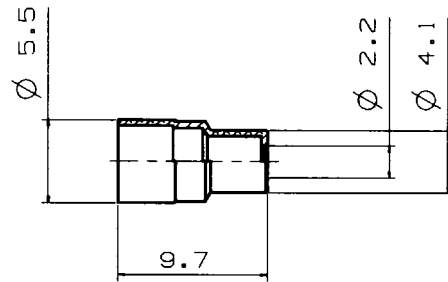


Figure 6 #4 : Crimping ring (for 2.0mm cord)

Unit: mm

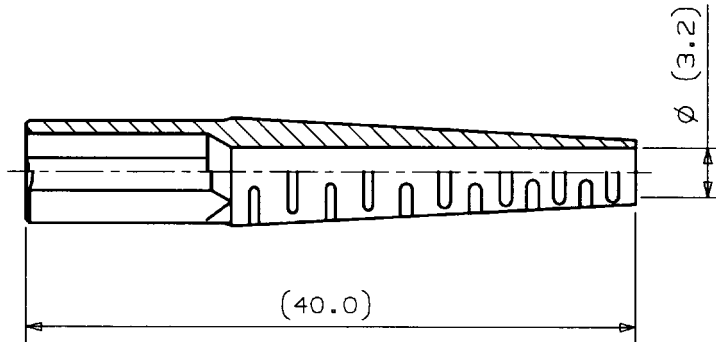


Figure 7 #5 : Hood (for 3.0mm cord)

Unit: mm

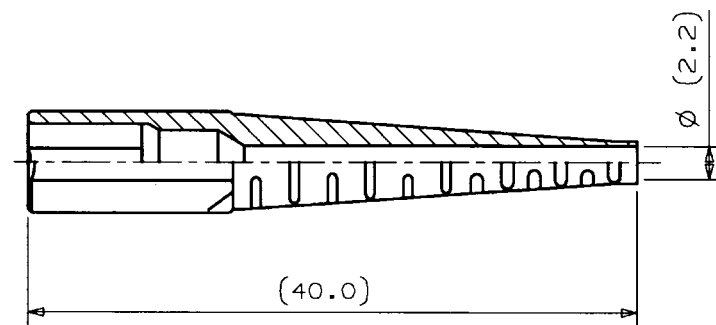


Figure 8 #6 : Hood (for 2.0mm cord)

Unit: mm

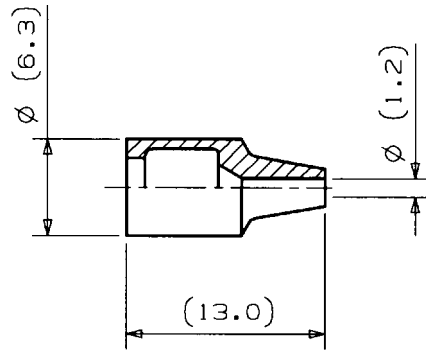


Figure 9 #7 : Hood (for 0.9mm buffered fiber)

Unit: mm

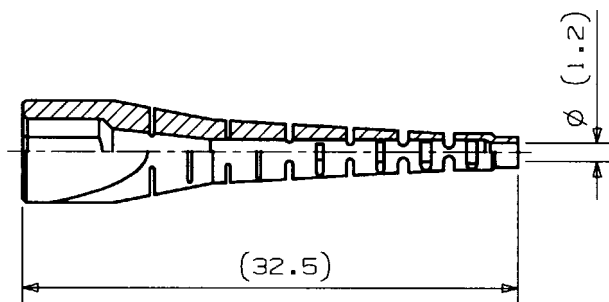


Figure 10 #8 : Hood (for 0.9mm buffered fiber)

Unit: mm

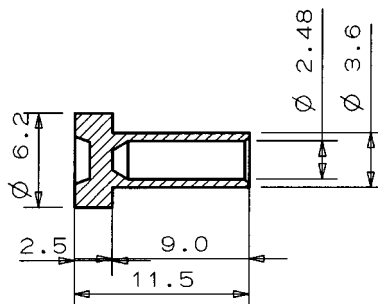


Figure 11 #14 Cap (Ferrule Cap)

Unit: mm

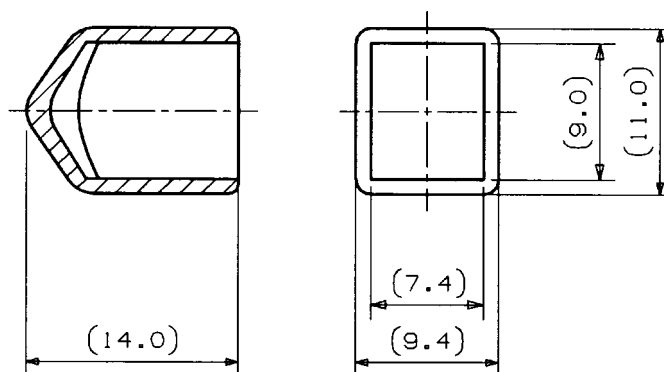


Figure 12 #15 : Cap (PVC)

Unit: mm