

SLC-P1 Series
Single mode
LC CONNECTOR PLUG
- for \varnothing 0.9 mm buffered fiber -
TECHNICAL SPECIFICATIONS



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1 SCOPE

These specifications apply to the SLC-P1 series LC connector plug - for \varnothing 0.9 mm buffered fiber - supplied by SEIKOH GIKEN Co., Ltd.

2 PART NUMBER

Part number of the connector plug is shown in Table 1.

Table 1 Part Number

MODEL Number		TYPE Number										
SLC-P1		3	1	1	2	5	1	C	3	0	2	G

Boot Color	
0	No Boot
2	Red
3	White
5	Blue
7	Yellow
8	Green


Boot I.D. [mm]	
0	No Boot
1	for ø 0.9 buffered fiber

Ferrule I.D. [μm]	
1 2 5	ø 125
1 2 F	ø 125.5
1 2 6	ø 126

Auxiliary digit	
0 2 G	

Package	
3	Bulk Package

Cap	
0	No Cap
C	White Frame Cap

Marking of Boot	
1	 SG

3 GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and materials are shown in Table 2 and 3.

Table 2 Parts and Materials

Item	Part Name	Qty	Material	Notes
①	Main Body	1	See Table 3	See Table 3
②	Boot	1	TPEE	Flammability UL94 V-0
⑨	Cap	1	TPEE	Frame Cap White, Flammability UL94 V-0

Note: Item on Table 2 corresponds to the item reference number on Figure 1 to 4.

Table 3 Parts and Materials of Main Body

Item	Part Name	Qty	Material	Notes
③	Capillary	1	Zirconia	-
④	Flange	1	Brass	Nickel Plating
⑤	Tubing	1	PTFE	Clear, Flammability UL94 V-0
⑥	Plug Frame	1	PPSU	Blue, Flammability UL94 V-0
⑦	Spring	1	Stainless Steel	-
⑧	Stopper	1	PBT-GF	Blue, Flammability UL94 V-0

Note: Item on Table 3 corresponds to the item reference number on Figure 2.

3.2 Physical Dimensions

Figure 1 shows the SLC-P1 series connector plug.

Figure 2 shows the main body.

Figure 3, 4 show the dimensions of the parts.

Table 4 shows the physical specifications of the SLC-P1 series connector plug.

· In accordance with IEC 61754-20 Type LC connector family.

Table 4 Physical Specifications

Items	Parts Number	Specifications	Remarks
Diameter (ø d)	SLC-P1 **125**302G	ø 0.125 mm	-
	SLC-P1 **12F**302G	ø 0.1255 mm	-
	SLC-P1 **126**302G	ø 0.126 mm	-

3.3 General Tolerances

Permissible deviation in dimensions without tolerance indication is in accordance with ISO 2768-m (JIS B 0405-m), as shown in Table 3.

Table 3 General Tolerance (ISO 2768-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

3.4 Appearance

There should be no burr, peeling of plating or scratches that affect the product.

4 PACKING

The product is packed to prevent damage during shipment.

5 IDENTIFICATION

Identification label should indicate the part number and the lot number of the product(s) and should be permanently attached to the packing bag.

6 HANDLING AND CARE

6.1 Conditions of Storage

Keep the product, in the packing bag, at the following conditions for its storage.

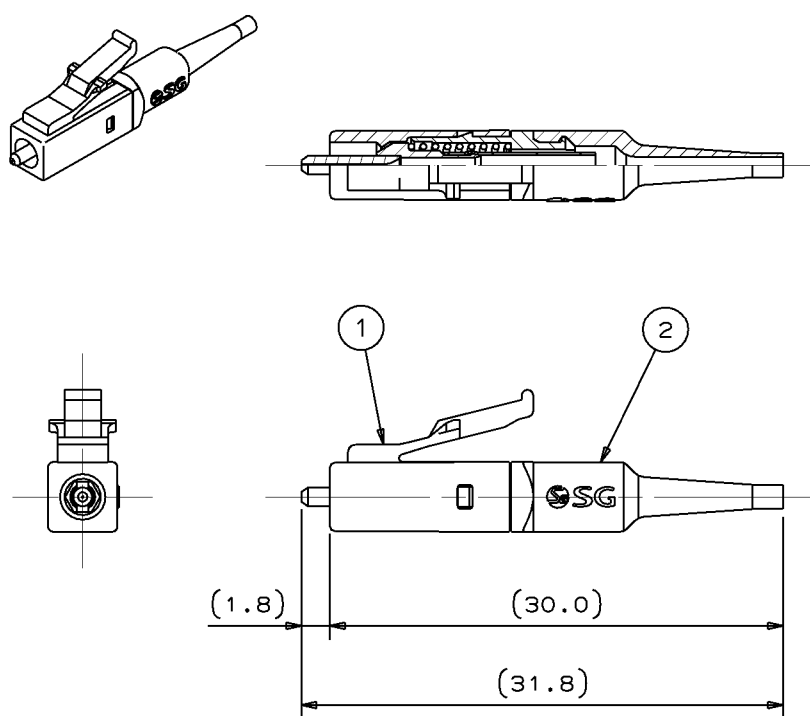
- Storage temperature: -40 to +85 degrees C
- Storage humidity: 0 to 85%RH, non-condensing

6.2 Precautions for Use

Contamination, oil, sweat and others debris on the ferrule end face may influence the performance of the product. If contamination is on the ferrule end face, wipe the end face with the end face cleaner.

6.3 Disposal

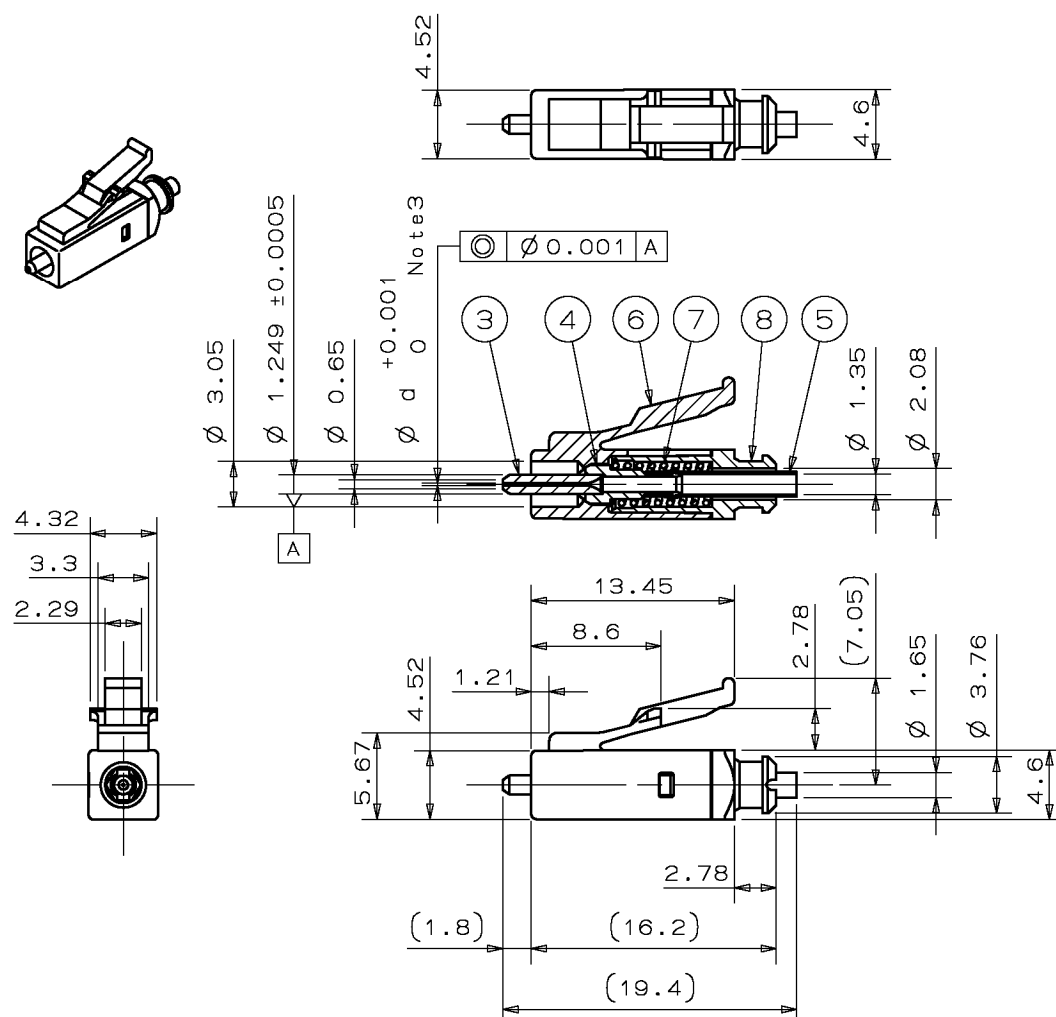
When discarding this product, please follow the regulations of your own country.



- Notes: 1 This drawing shows the tentatively assembled condition.
On practical shipment of SLC-P1 connector plug, this tentative assembly is not available.
- 2 This drawing does not include the cap.

Unit: mm

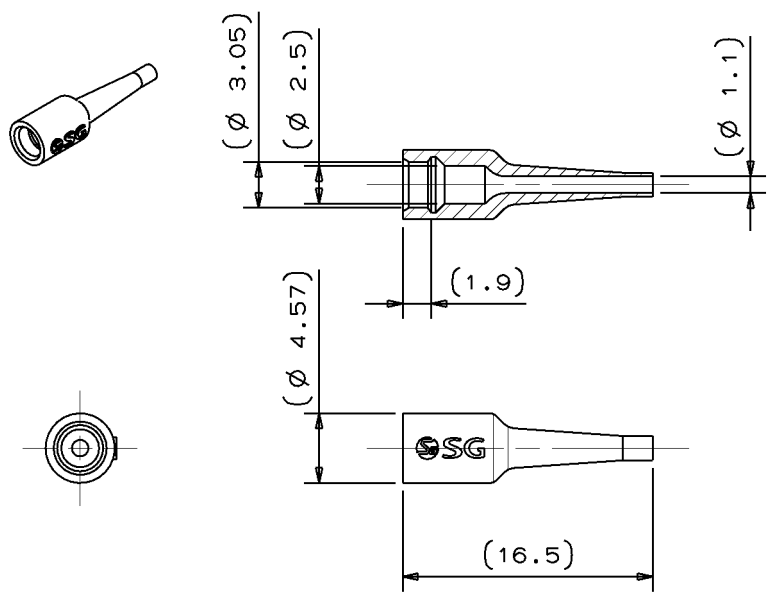
Figure 1 SLC-P1 Series Connector Plug



Note:3 Diameter (ø d) differs according to the parts number shown in Table 4

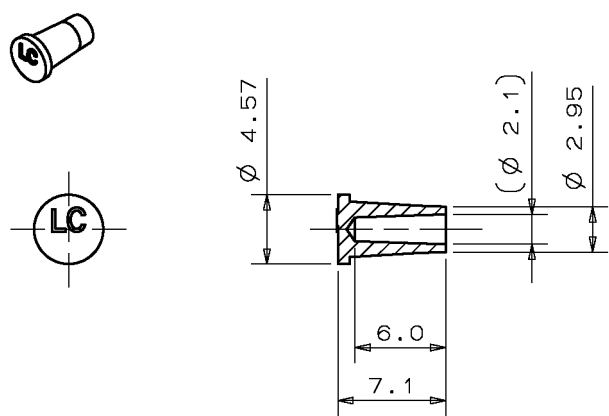
Unit: mm

Figure 2 ①Main Body



Unit: mm

Figure 3 ②Boot



Unit: mm

Figure 4 ③Cap