

SSC-A3 Series

SC ADAPTOR

TECHNICAL SPECIFICATIONS



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TABLE OF CONTENTS

Section	Page
1 SCOPE	1
2 PART NUMBER	1
3 GENERAL SPECIFICATIONS	2
3.1 Parts and Materials	2
3.2 Physical Dimensions	2
3.3 General Tolerance	2
3.4 Insertion Loss	2
3.5 Appearance	3
4 PACKING	4
5 IDENTIFICATION	4
6 HANDLING AND CARE	4
6.1 Conditions of Storage	4
6.2 Precautions of Use	4
6.3 Disposal	4

Table

Table 1	Part Number	1
Table 2	Parts and Materials	2
Table 3	General Tolerance	2
Table 4	Insertion Loss and Measurement Conditions	3

Figure

Figure 1	Insertion Loss and Measurement System	3
Figure 2	SSC-A3 Series Adaptor	5
Figure 3	⑥ Cap	6
Figure 4	Cut-hole Dimensions for Reference	6


1 SCOPE

These specifications apply to the SSC-A3 series SC adaptor supplied by SEIKOH GIKEN Co., Ltd.

2 PART NUMBER

Part number of the adaptor is shown in Table 1.

Table 1 Part Number

MODEL Number		TYPE Number							
SSC-A3		2	2	7	0	1	G		
Slit Sleeve							Auxiliary digit		
1	Phospher Bronze						G		
2	Zirconia								
Marking		2				0 1	Specification		
	 SG / SSC-A						Tensile Strength of Coupling Mechanism: 98 N or more		
							Cap		
							7 Black Grip Cap		
							8 Clear Grip Cap		

3 GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and materials are shown in Table 2.

Table 2 Parts and Materials

No.	Part Name	Qty	Material	Notes
①	Slit Sleeve	1	Phosphor Bronze	-
			Zirconia Ceramics	-
②	Sleeve Holder	1	PEI GF	Black, Flammability UL94 V-0
③	Adaptor Housing	1	PBT GF	Blue, Flammability UL94 V-0
④	Pin	1	Stainless Steel	-
⑤	Plate	1	Stainless Steel	-
⑥	Cap	2	PC	Flammability UL94 V-0

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

3.2 Physical Dimensions

Figure 2 shows the SSC-A3 series adaptor.

Figure 3 shows the part dimensions.

- In accordance with IEC 61754-4 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 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 Insertion Loss

Insertion loss of the adaptor and measurement conditions are shown in Table 4.

Figure 1 shows the measurement system.

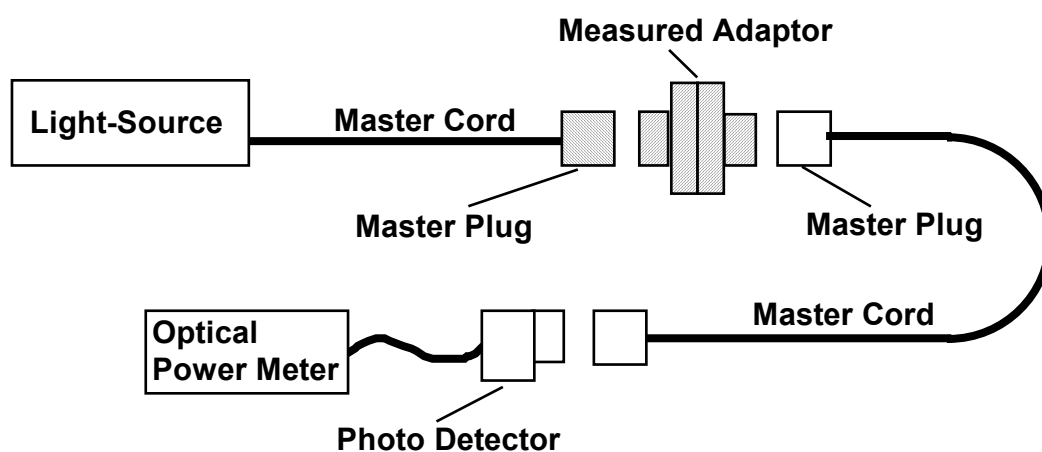


Figure 1 Insertion Loss Measurement System

Table 4 Insertion Loss and Measurement Conditions

Part Number		SSC-A3 *2*01G
Insertion Loss		0.2 dB or less
Conditions	Light Source	LD
	Wave Length	1.31 μ m
	Applicable Fiber	Single mode
	Master Cord Type	PC, R20 mm

3.5 Appearance

There shall be no burrs 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.

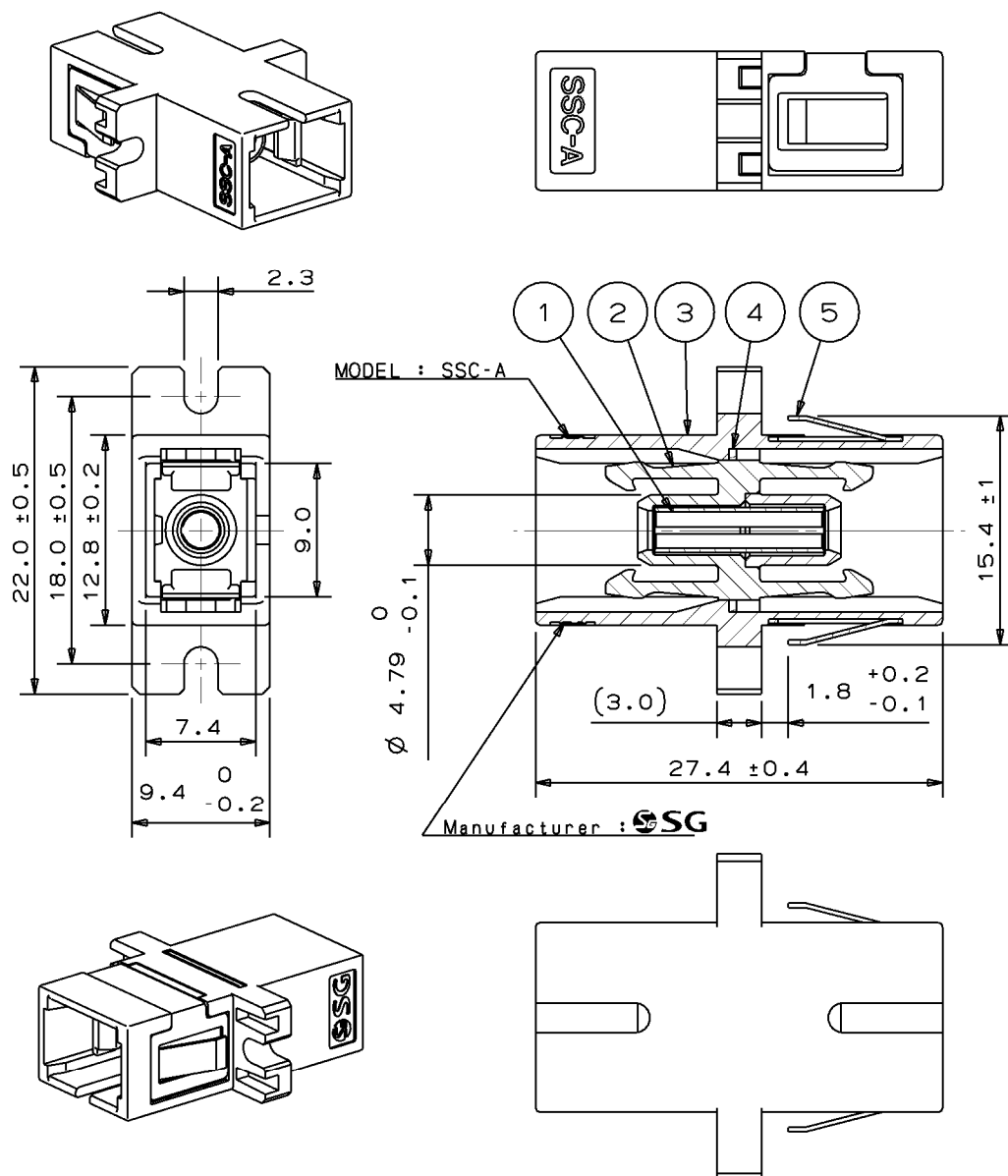
- Storage temperature: -40 to +85 degrees C
- Storage humidity: 0 to 85%RH, non-condensing

6.2 Precautions for Use

Contamination, oil, sweat and others debris on the inside of the slit sleeve may influence the performance of the product. If contamination is on the inside of the slit sleeve, clean the inside before connecting.

6.3 Disposal

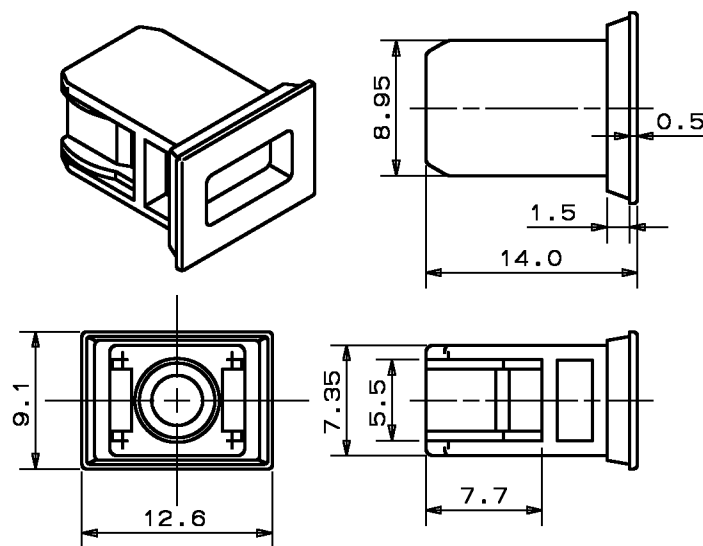
When discarding this product, please follow the regulations of your own country.



Note: This drawing does not include the cap.

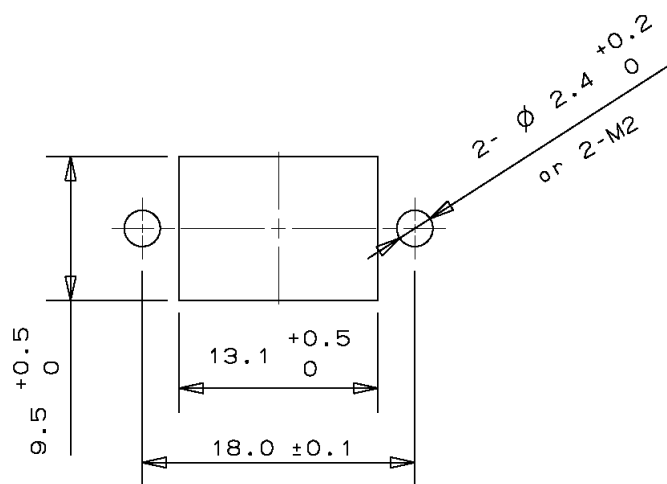
Unit: mm

Figure 2 SSC-A3 Series Adaptor



Unit: mm

Figure 3 ⑥Cap



Unit: mm

Figure 4 Cut-hole Dimensions for Reference