

SSCF-2A3 Series

SC DUPLEX ADAPTOR

TECHNICAL SPECIFICATIONS



SEIKOH GIKEN Co.,Ltd.
296-1, MATSUHIDAI, MATSUDO-SHI,
CHIBA, 270-2214 JAPAN.
TEL: +81-47-388-6111 FAX: +81-47-388-4477

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ACD-1DC2-01	December	2005
ACD-1DC2-02	April	2005
S04-H007-01E	July	2006
S04-H007-02E	November	2024

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Please address any questions, comments, and suggestions to:

SEIKOH GIKEN USA, Inc.

4465 Commerce Drive, Suite 103, Buford,
GA 30518. U.S.A
TEL: +1-770-279-6602
FAX: +1-770-279-8839

SEIKOH GIKEN Europe GmbH

Siemensstrasse 9
D-63263 Neu-Isenburg, Germany
TEL: +49-6102-297-700
FAX: +49-6102-297-750

SEIKOH GIKEN Hangzhou Co.,Ltd.

526 Binkang Road Binjiang District, Hangzhou,
Zhejiang, China 310052, P.R. China
TEL: +86-571-8777-4098
FAX: +86-571-8777-4099

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1 SCOPE

These specifications apply to the SSCF-2A3 series SC duplex 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									
SSCF-2A3		2	2	7	0	0	G				
Split Sleeve		2	Zirconia								
Marking		2	 SG / SSCF-2A								
						Auxiliary digit					
						0 0 G					
						Cap					
						7	Black flat cap				
						8	Translucent flat 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	Split sleeve	2	Zirconia ceramics	-
②	Sleeve holder	2	PEI GF	Black, Flammability UL94 V-0
③	Adaptor housing	1	PBT GF	Blue, Flammability UL94 V-0
④	Pin	2	Stainless steel	-
⑤	Plate	1	Stainless steel	-
⑥	Cap	4	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 SSCF-2A3 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.

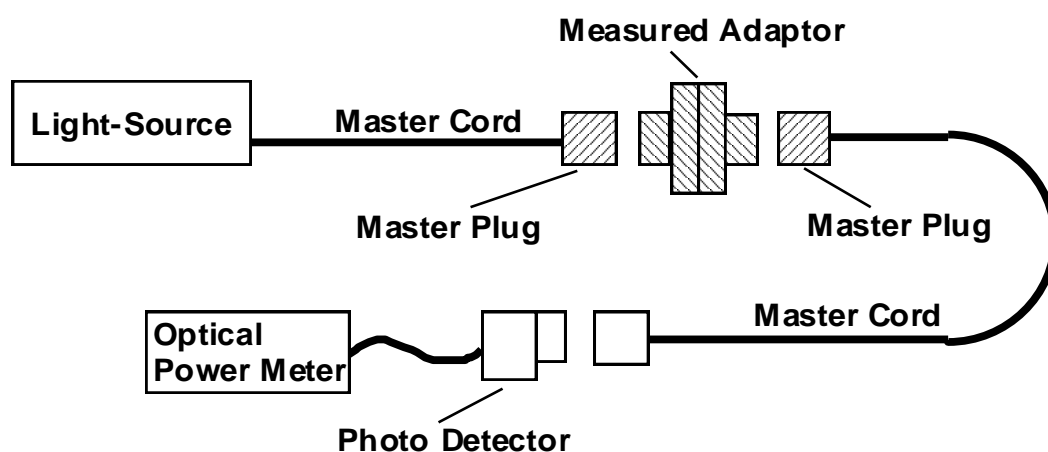


Figure 1 Insertion Loss Measurement System

Table 4 Insertion Loss and Measurement Conditions

Part Number		SSCF-2A3 *2*00G
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, R20mm

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

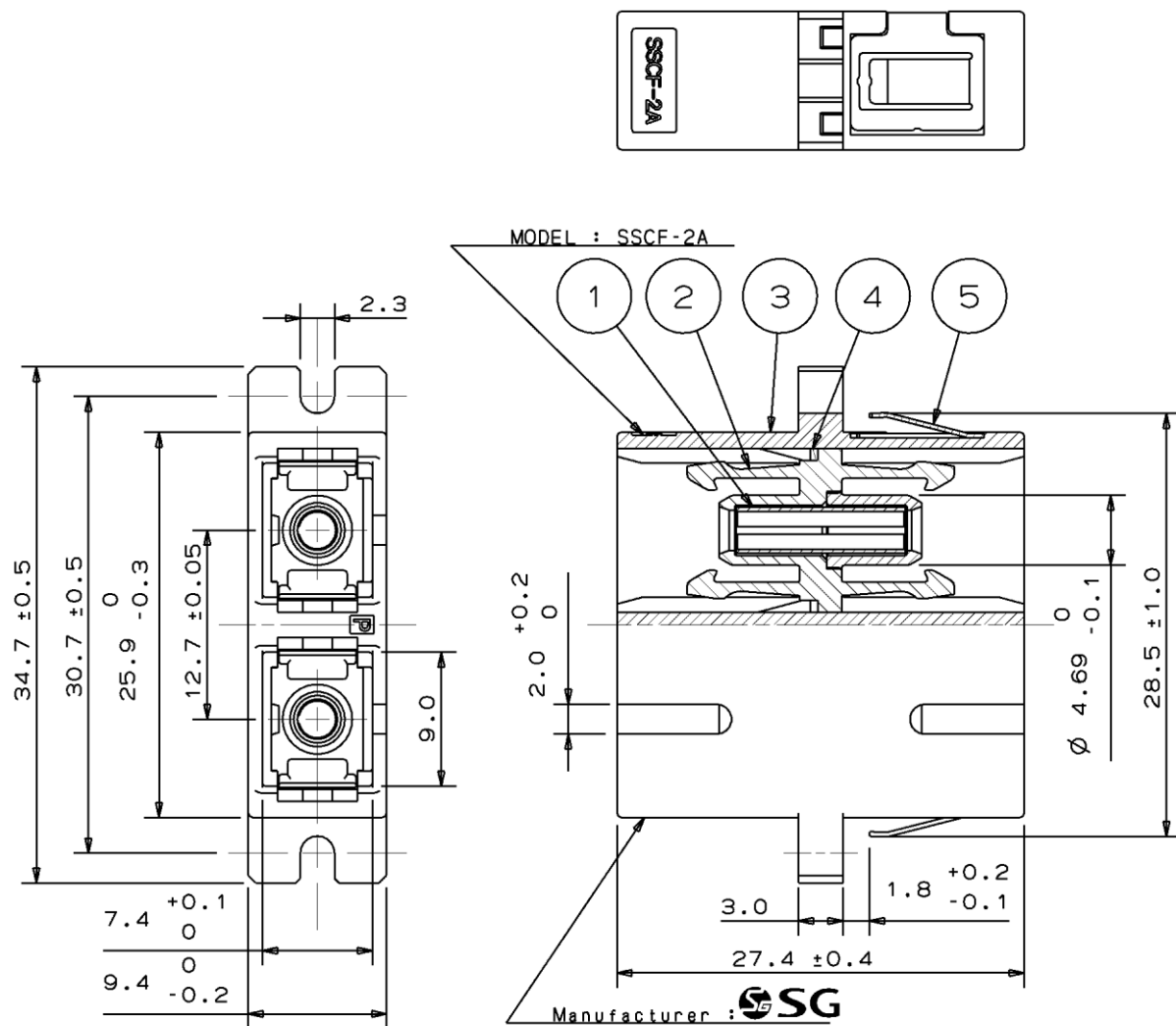
For storage of the product, keep in the packing bag and keep away from corrosive gas, high-temperature and humidity, extreme-low temperature and direct sunlight.

6.2 Precautions for Use

Contamination, oil, sweat and others debris on the inside of the split 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

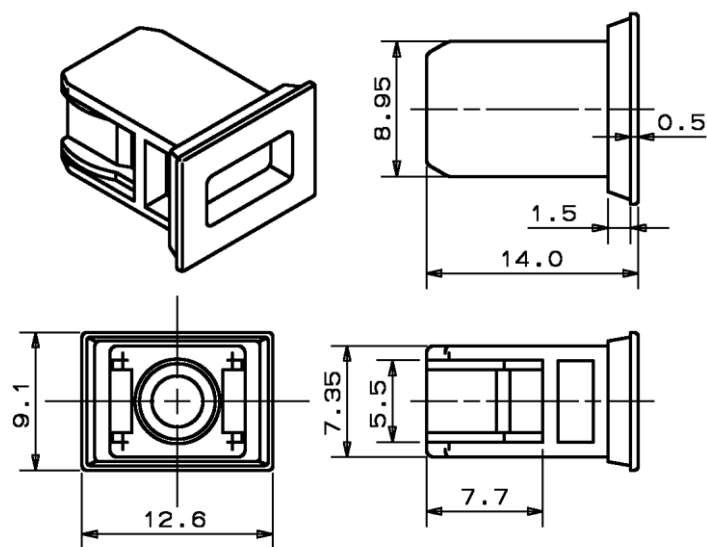
When discarding this product, please follow the regulations of your own country.



Note: This drawing does not include the cap.

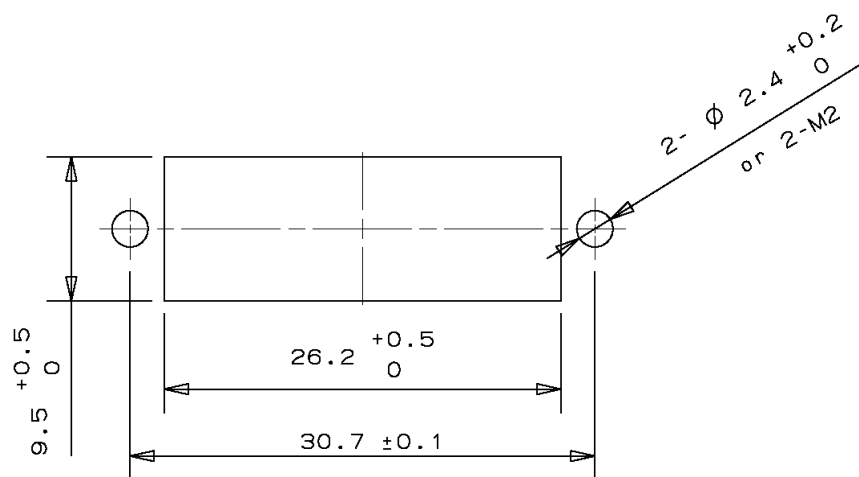
Unit: mm

Figure 2 SSCF-2A3 Series Adaptor



Unit: mm

Figure 3 ⑥Cap



Unit: mm

Figure 4 Cut-hole Dimensions for Reference