

SMPO-1A2 Series

MPO ADAPTOR

- Short flange type -

TECHNICAL SPECIFICATIONS



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TECHNICAL SPECIFICATIONS

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1 SCOPE

These specifications apply to the SMPO-1A2 series MPO adaptor – short flange type - supplied by SEIKOH GIKEN Co., Ltd.

2 PART NUMBER

Part number of the housing is shown in Table 1.

Table 1 Part Number

SMPO-1A2	Black
SMPO-1AB2	Beige
SMPO-1AQ2	Aqua
SMPO-1AM2	Heather violet
SMPO-1AL2	Lime green

MODEL Number	TYPE Number					
SMPO-1A2	1	2	8	0	1	G

Keyway configuration	
1	Standard (Opposed)

Marking	
2	 SG

Cap	
8	Translucent Cap

Auxiliary digit	
1 G	

Specification	
0	Standard (without Shutter)
X	With Shutter on one end

Please contact us for availability of other specifications.

3 GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and materials are shown in Table 2.

Table 2 Parts and Materials

Item	Part Name	Qty	Material	Notes
①	Adaptor housing	1	PBT-GF	SMPO-1A2: Black SMPO-1AB2: Beige SMPO-1AQ2: Aqua SMPO-1AM2: Heather violet SMPO-1AL2: Lime green Flammability UL94 V-0
②	Adaptor latch	2	PA9T-GF	Black, Flammability UL94 V-0
③	Plate	1	Stainless steel	-
④	Base	1	Stainless steel	Black plating
⑤	Shutter	1	Stainless steel	-
⑥	Cap	2	PC	Translucent, Flammability UL94 V-0

Note: Item on Table 2 complies with the item reference number on the accompanying drawings.

3.2 Physical Dimensions

Figure 1-1, 1-2 show the SMPO-1A2 series adaptor.

Figure 2 shows the dimensions of the cap.

- Compatible with IEC 61754-7-1 Type MPO connector family – one fibre row

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

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

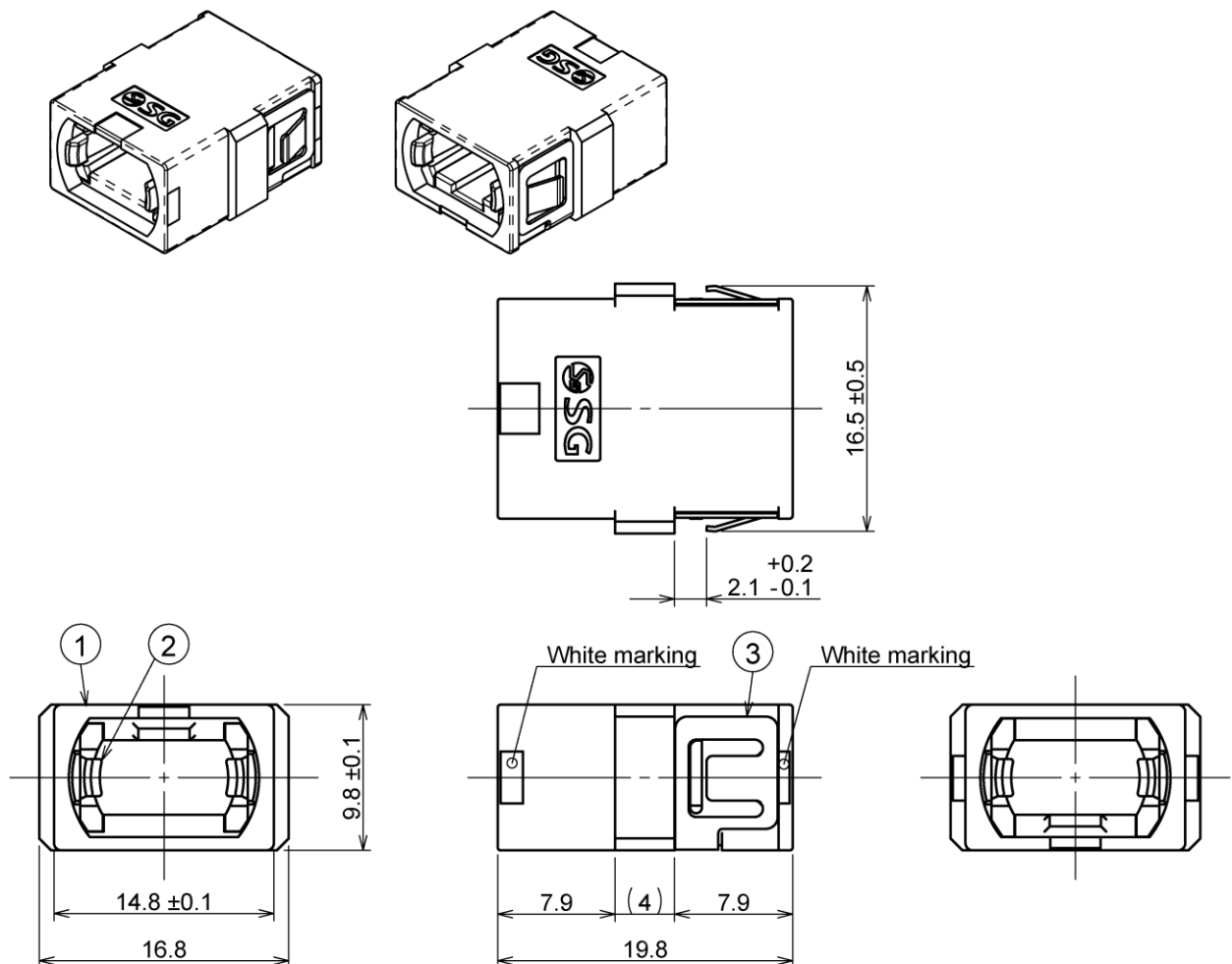
Contamination, oil, sweat and others debris on the ferrule end face may influence the performance of the product. If contamination is on the ferrule end face, wipe the end face with the end face cleaner.

6.3 Disposal

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

7 REFERENCE INFORMATION

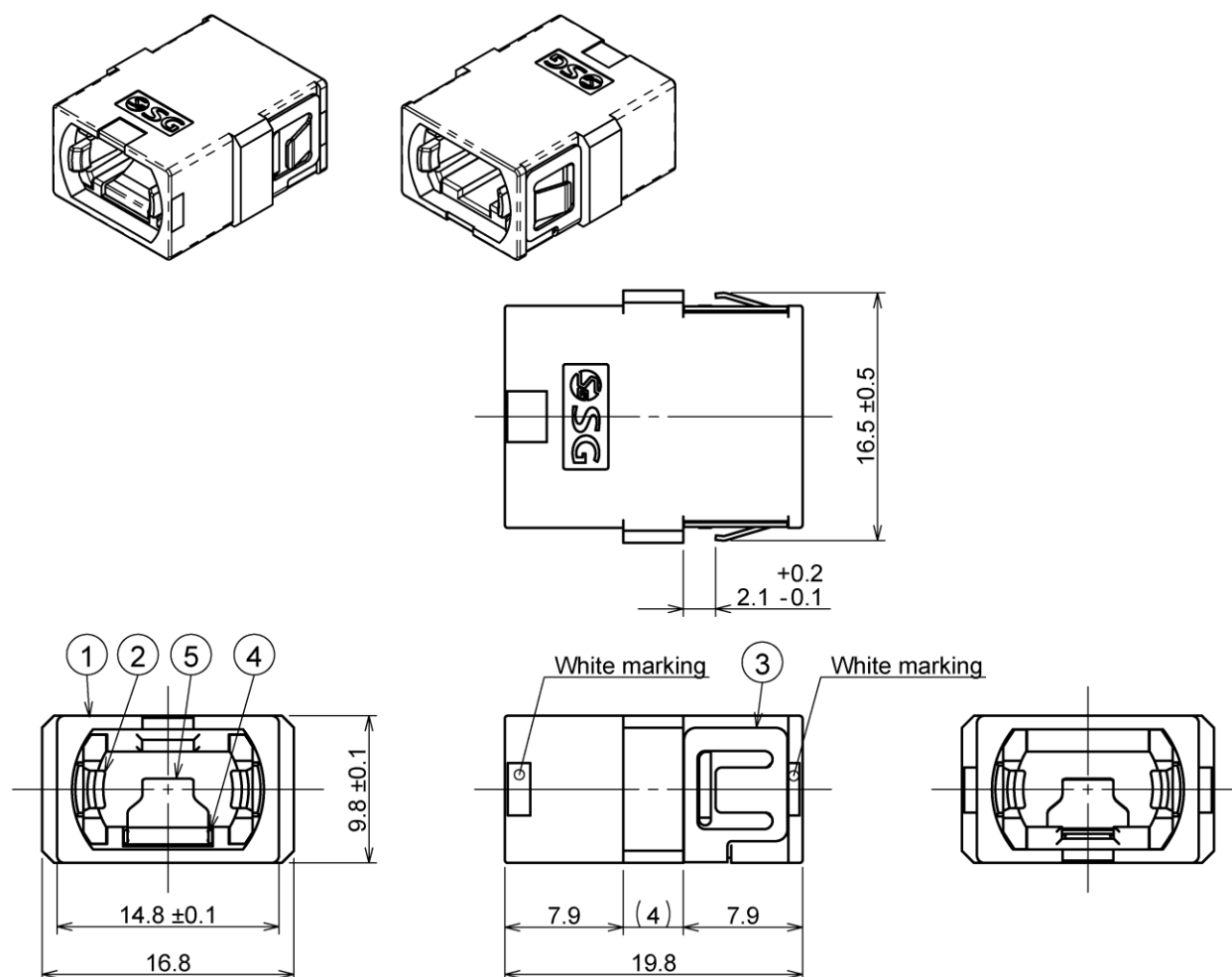
Please contact us for information in case that total optical power from optical fibers emitted into the adaptor with shutter exceed 500 mW.



Note: This drawing does not include the cap.

Unit: mm

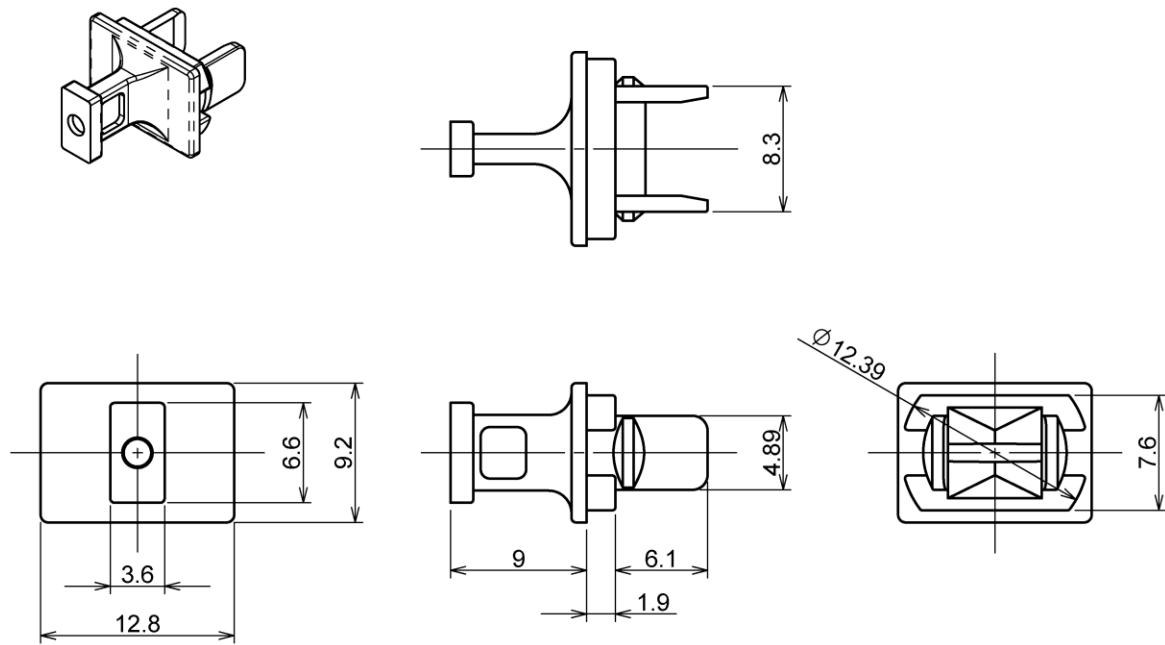
Figure 1-1 SMPO-1A2 Series Adaptor (Standard)



Note: This drawing does not include the cap.

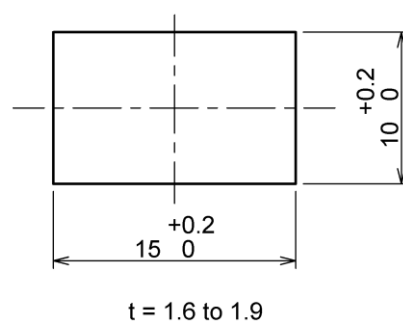
Unit: mm

Figure 1-2 SMPO-1A2 Series Adaptor (with Shutter)



Unit: mm

Figure 2 ⑥ Cap



Unit: mm

Figure 3 Panel Cutout for Reference