

SAP-4 Series

FC HOUSING

- for \varnothing 0.9 mm buffered fiber -

TECHNICAL SPECIFICATIONS



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TECHNICAL SPECIFICATIONS

NAE69D02 "SAP-4 Part"	September	1986
NCD-5DB4-01	December	1995
NCD-5DB4-02	July	1999
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1 SCOPE

These specifications apply to the SAP-4 series FC housing - for \varnothing 0.9 mm buffered fiber - supplied by SEIKOH GIKEN Co., Ltd.

2 PART NUMBER

Part number of the housing is shown in Table 1.

Table 1 Part Number

MODEL Number	TYPE Number																						
SAP-4	1	8	0	A	1	0	0	G															
<table border="1"> <thead> <tr> <th colspan="2">Boot Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Black</td> </tr> <tr> <td>2</td> <td>Red</td> </tr> <tr> <td>5</td> <td>Blue</td> </tr> </tbody> </table>			Boot Color		1	Black	2	Red	5	Blue	<table border="1"> <thead> <tr> <th colspan="2">Auxiliary digit</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0 G</td> </tr> </tbody> </table>		Auxiliary digit		0	0 G	<table border="1"> <thead> <tr> <th colspan="2">Package</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Key-ring un-installed on frame, Main body tentatively assembled, Bulk package</td> </tr> </tbody> </table>			Package		1	Key-ring un-installed on frame, Main body tentatively assembled, Bulk package
Boot Color																							
1	Black																						
2	Red																						
5	Blue																						
Auxiliary digit																							
0	0 G																						
Package																							
1	Key-ring un-installed on frame, Main body tentatively assembled, Bulk package																						
<table border="1"> <thead> <tr> <th colspan="2">Boot I.D. [mm] , Marking</th> </tr> </thead> <tbody> <tr> <td>80</td> <td>for \varnothing 0.9 buffered fiber (flame retardant), No marking</td> </tr> </tbody> </table>			Boot I.D. [mm] , Marking		80	for \varnothing 0.9 buffered fiber (flame retardant), No marking	<table border="1"> <thead> <tr> <th colspan="2">Cap</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>White plastic cap</td> </tr> <tr> <td>A</td> <td>Black ferrule cap</td> </tr> </tbody> </table>					Cap		3	White plastic cap	A	Black ferrule cap						
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Cap																							
3	White plastic cap																						
A	Black ferrule cap																						

Please contact us for availability of other specifications.

3 GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and the materials are shown in Table 2.

Table 2 Parts and Materials

Item	Part Name	Qty	Material	Notes
①	Frame	1	Stainless steel	-
②	Key-ring	1	Beryllium copper	-
③	Spring	1	Stainless steel	-
④	Coupling nut	1	Brass	Nickel plating
⑤	Stopper	1	-	Assembly of ⑤-a, ⑤-b, ⑤-c
	⑤-a Stopper body	(1)	Brass	Nickel plating
	⑤-b Spacer	(1)	Brass	Nickel plating
	⑤-c Boot	(1)	Silicone	Flammability UL94 V-0
⑥-1	Cap	1	PP	Ferrule cap, Black
⑥-2			PE	Plastic cap, White

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

3.2 Physical Dimensions

Figure 1 shows the SAP-4 series housing tentatively assembled.

Figure 2 to 8 show the dimensions of the parts.

- In accordance with IEC 61754-13 Type FC-PC connector family.
- In accordance with JIS C 5970 F01 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 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

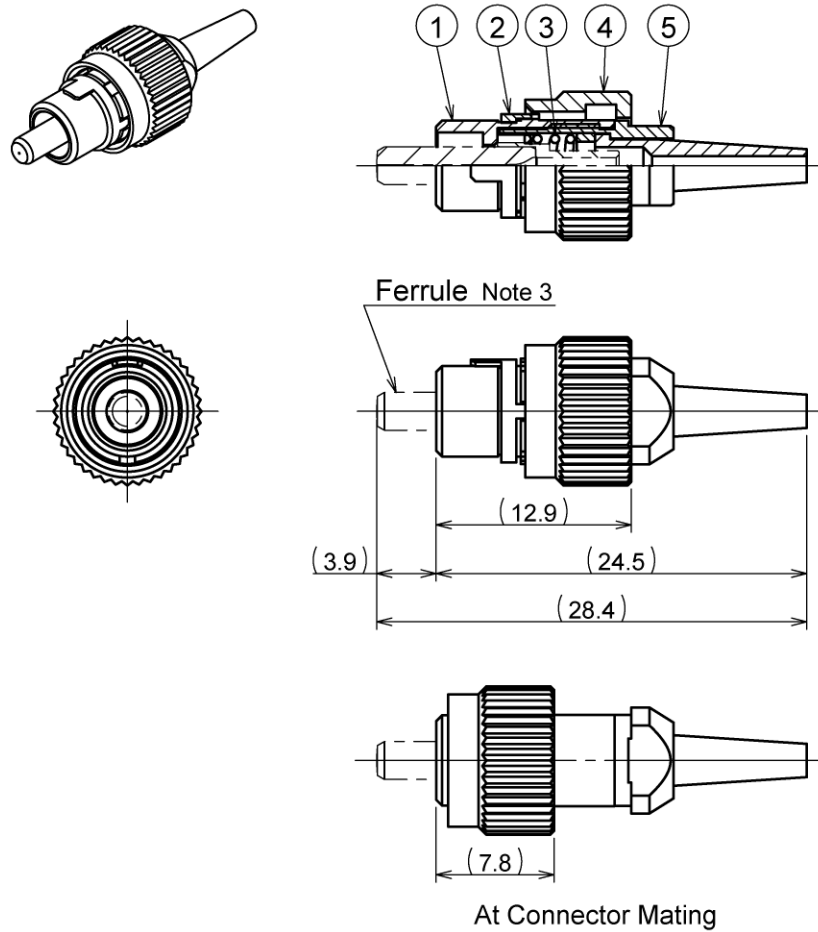
For storage of the product, keep in the packing bag and keep away from corrosive gas, high-temperature and humidity, extreme-low temperature and direct sunlight.

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

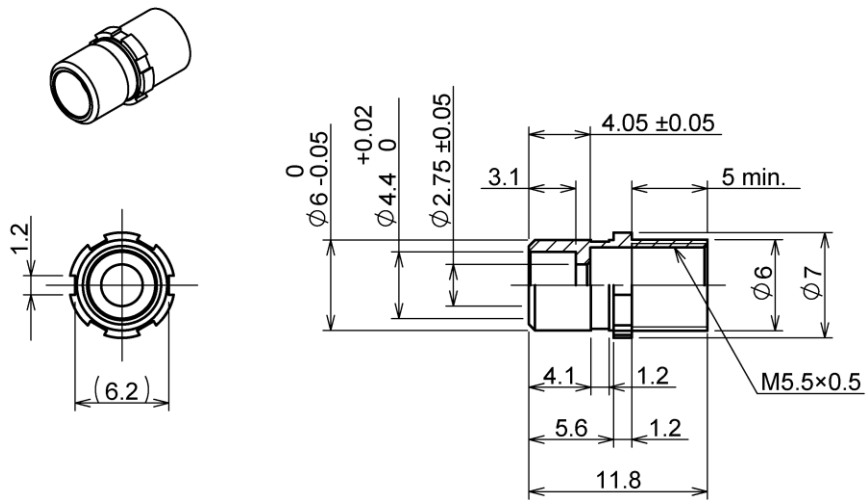
When discarding this product, please follow the regulations of your own country.



- Notes: 1 This drawing shows the tentatively assembled condition including a ferrule.
 2 This drawing does not include the cap.
 3 The ferrule is not included in SAP-4 housing.

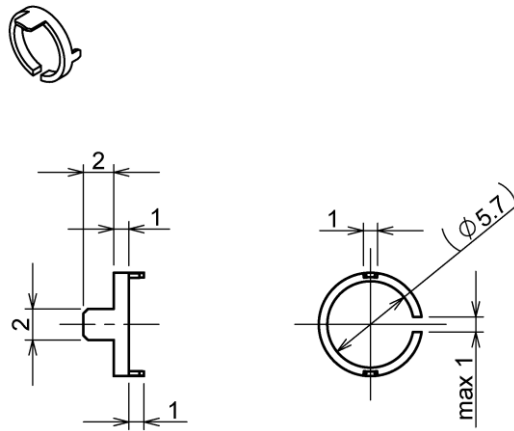
Unit: mm

Figure 1 SAP-4 Series Housing



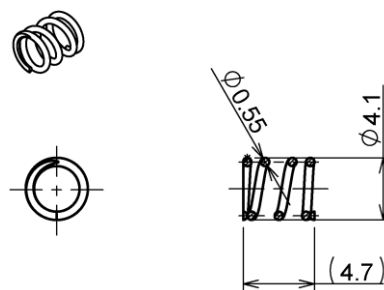
Unit: mm

Figure 2 ① Frame



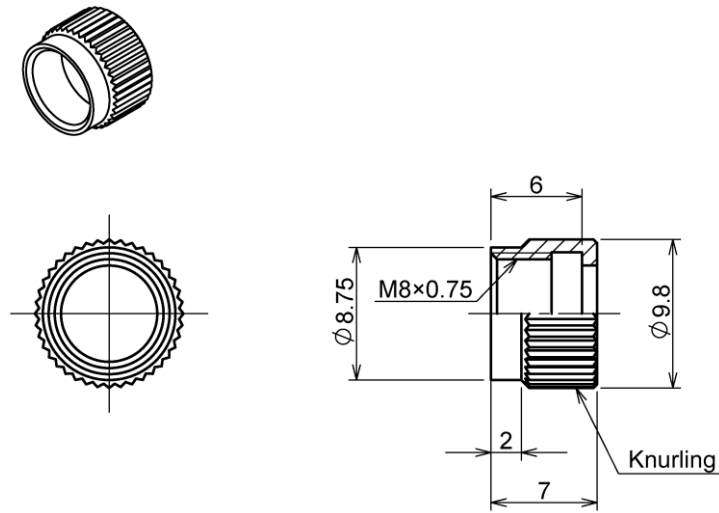
Unit: mm

Figure 3 ② Key-ring



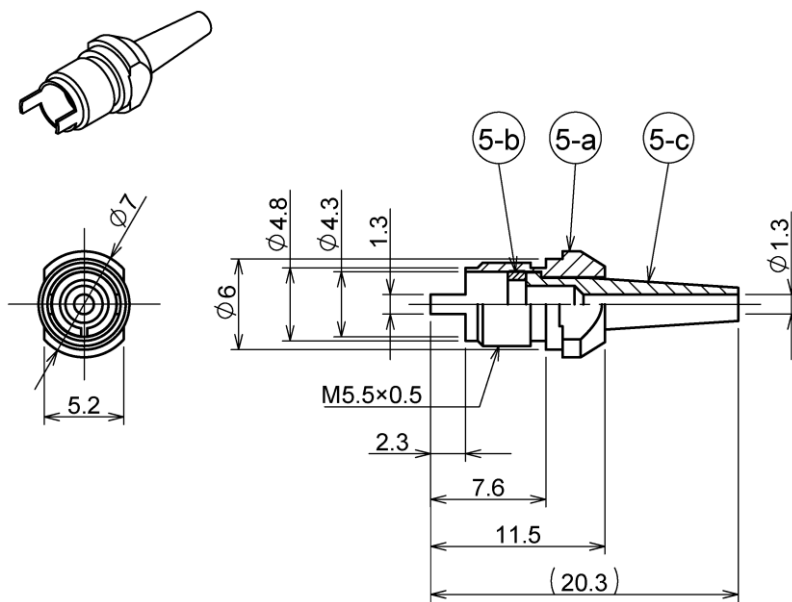
Unit: mm

Figure 4 ③ Spring



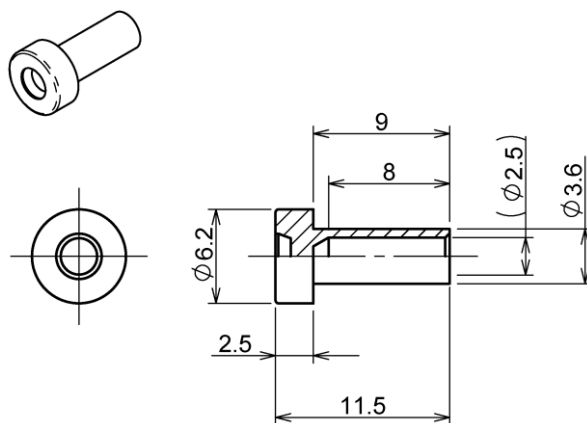
Unit: mm

Figure 5 ④ Coupling Nut



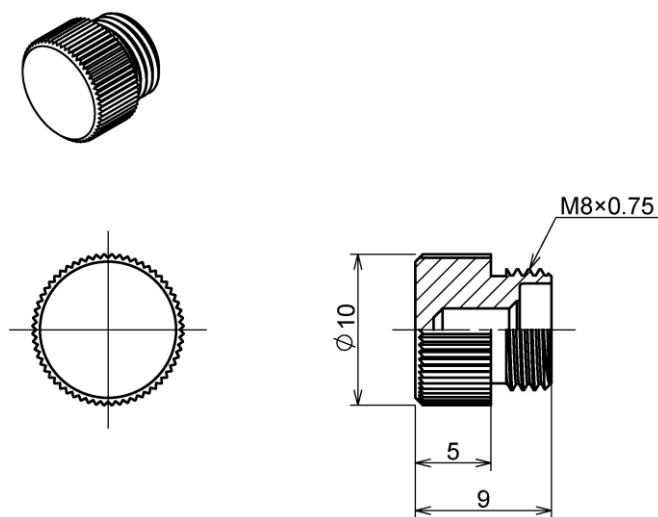
Unit: mm

Figure 6 ⑤ Stopper



Unit: mm

Figure 7 ⑥-1 Cap (Ferrule cap)



Unit: mm

Figure 8 ⑥-2 Cap (Plastic cap)