DOCUMENT NUMBER NCD-69B6-05

SNP-8 Series

Single-Mode Pre-Angle
FC CONNECTOR PLUG

- for Angled-PC / Easy-assemble type -

TECHNICAL SPECIFICATIONS

Seiko Instruments Inc.
OFC Division.
8, Nakase 1-Chome
Mihama-ku, Chiba-shi, Chiba-ken
261-8507 JAPAN
Telephone : +81-43-211-1211
Facsimile : +81-43-211-8039

SNP-8 Series Single-Mode Pre-Angle FC CONNECTOR PLUG
- for Angled-PC / Easy-assemble type -
TECHNICAL SPECIFICATIONS

DOCUMENT NUMBER NCD-69B6-05

NCD-69B6-01	September 1996
NCD-69B6-02	May 1998
NCD-69B6-03	July 1999
NCD-69B6-04	April 2000
NCD-69B6-05	May 2003

Please address any questions, comments, and suggestions to:

Seiko Instruments USA Inc.
Electronics Components Division
2990 West Lomita Boulevard
Torrance, CA 90505, U.S.A.
Phone: +1-310-517-7780
Facsimile: +1-310-517-7792

Seiko Instruments GmbH
OFC Division
Siemensstraße 9b
D-63263 Neu-Isenburg, Germany
Phone: +49-6102-297-0
Facsimile: +49-6102-297-211

Seiko Instruments (H.K.) Ltd.
Sales Department
4th & 5th Floor, Wyler Center 2
200 Tai Lin Pai Road, Kwai Chung
N.T., Kowloon, Hong Kong
Phone: +852-2421-8611
Facsimile: +852-2480-5479

Seiko Instruments Taiwan Inc.
Sales Department
4F, No.40, Sec. 2, Min Chuan E. Rd.,
Taipei 104, Taiwan, R.O.C.
Phone: +886-2-2563-5001
Facsimile: +886-2-2521-9519

Seiko Instruments Singapore pte. Ltd.
Component Sales Department
2, Marsiling Lane,
Singapore, 739144, Singapore
Phone: +65-269-1370
Facsimile: +65-269-9729

TABLE OF CONTENTS

Table

Figure

1 PROVISION

1.1 Application Limit

These specifications apply to the SNP-8 single-mode pre-angle FC connector plug supplied by SII.

2 PARTS NUMBER

Parts number of the connector is shown in Table 1.

Table 1 Parts number

MODEL Number	TYPE Number									
SNP-8	8	3	1	2	5	1	B	3	0	2

Hood color	
0	without hood
8	Green

Hood Inner Dia	
0	without hood,crimping-ring
1	0.9mm (non flamable)
3	3.0mm (Plastic)
6	2.0mm (Plastic)
9	0.9mm (Plastic)

Ferrule Inner Dia
S5 to S6 (0.125 to 0.126mm)

Marking of Hood		
		Applicable Hood (mm)
0	without	0.9mm (non flamable)
1	SII Marking	0.9 to 3.0mm (Plastic)

Cap	
0	without
8	Green PVC
B	Green Ferrule Cap

Package	
3	Bulk

(Requied)	
0 1	N type
J 1	R type compatible

3 GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and materials are shown in Table 2 to 3.

Table 2 Parts and Materials

No.	Part Name	Qty	Material	Notes
1-1	Mainbody	1	See Table 3	N-type, (#5,6,7-1,8,9,10 Sub-assembled)
1-2			See Table 3	R-type compatible, (#5,6,7-2,8,9,10 Sub-assembled)
2-1	Crimping ring	(1)	Aluminum alloy	for ø3.0 mm cord
2-2			Aluminum alloy	for ø2.0 mm cord
3-1	Hood	(1)	Thermal plastic elastomer	ø3.0mm, UL94V-0, Green
3-2			Thermal plastic elastomer	ø2.0mm, UL94V-0, Green
3-3			Thermal plastic elastomer	ø0.9mm, UL94V-0, Green
3-4			Synthetic rubber	ø0.9mm, UL94V-0, Green
4-1	Cap	(1)	PP	Green
4-2			PVC	Green

Table 3 Parts and Materials (Mainbody)

No.	Part Name	Qty	Material	Notes
5	Ferrule	1	Zirconia	-
6	Flange	1	Brass	Nickel plating
7-1	Frame	1	Zinc die-casting	Nickel plating, N-type
7-2				Nickel plating, R-type compatible
8	Spring	1	Stainless steel	-
9	Coupling nut	1	Brass	Nickel plating
10	Stopper	1	Brass	Nickel plating

3.2 Physical Dimensions

Figure 1 to 2 shows the assembled state of SNP-8
Figure 3 to 4 shows the Mainbody.
Figure 5 to 11 show the parts dimensions.

- In accordance with IEC 61754-13 Fibre optic connector interface -
  Part 13 : Type FC-PC connector family.

3.3 General Tolerance

Permissible deviation in dimensions without tolerance indication is in accordance with JIS B 0405 class m, as shown in Table 4.

Table 4 General Tolerance (JIS B 0405 class m)

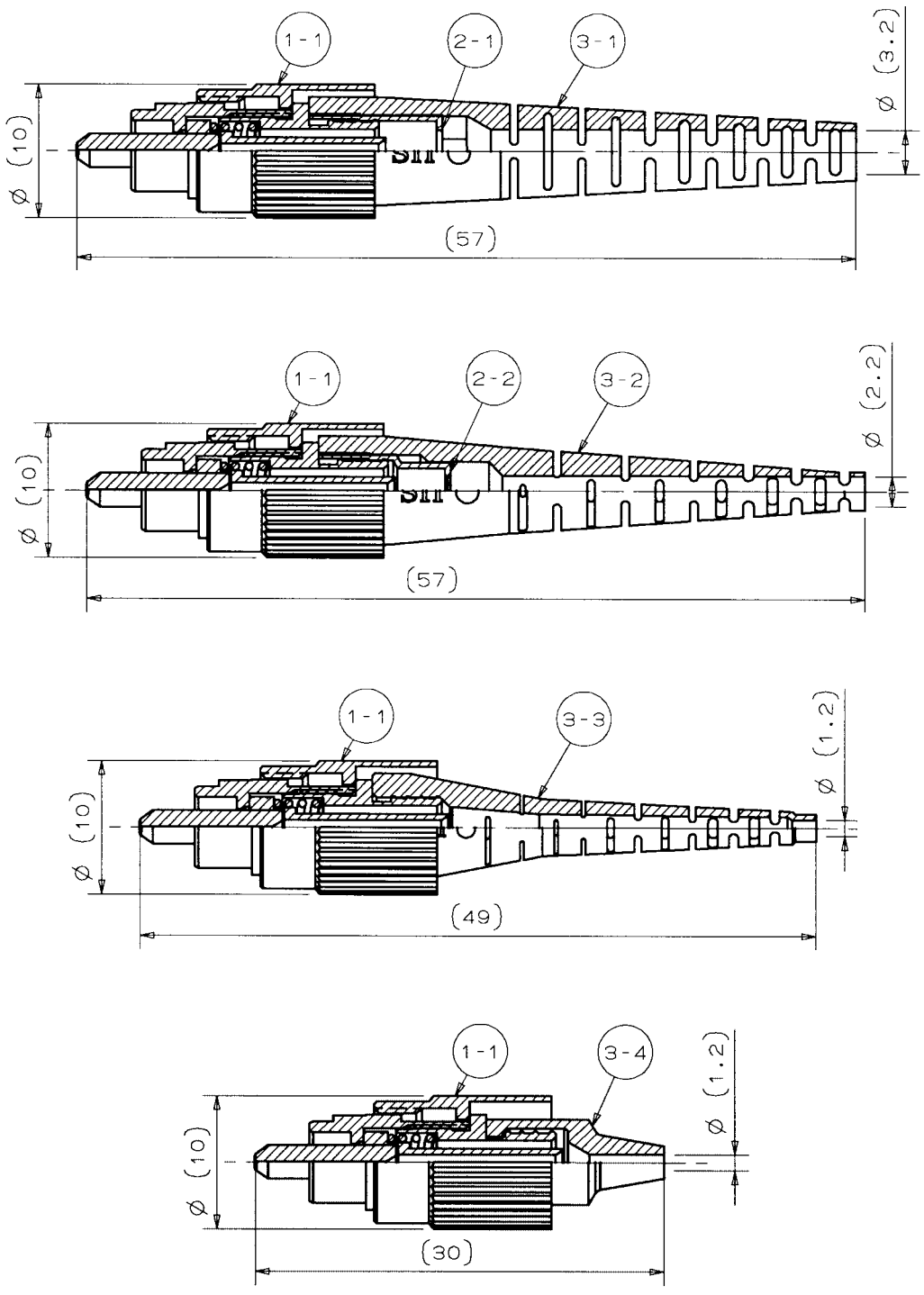
Basic size step [mm]		Permissible deviation [mm]
Over	Under	
0.5	3	±0.1
3	6	±0.1
6	30	±0.2
30	120	±0.3

4 PACKING

The product is packed to prevent damage during shipment.

5. NOTE

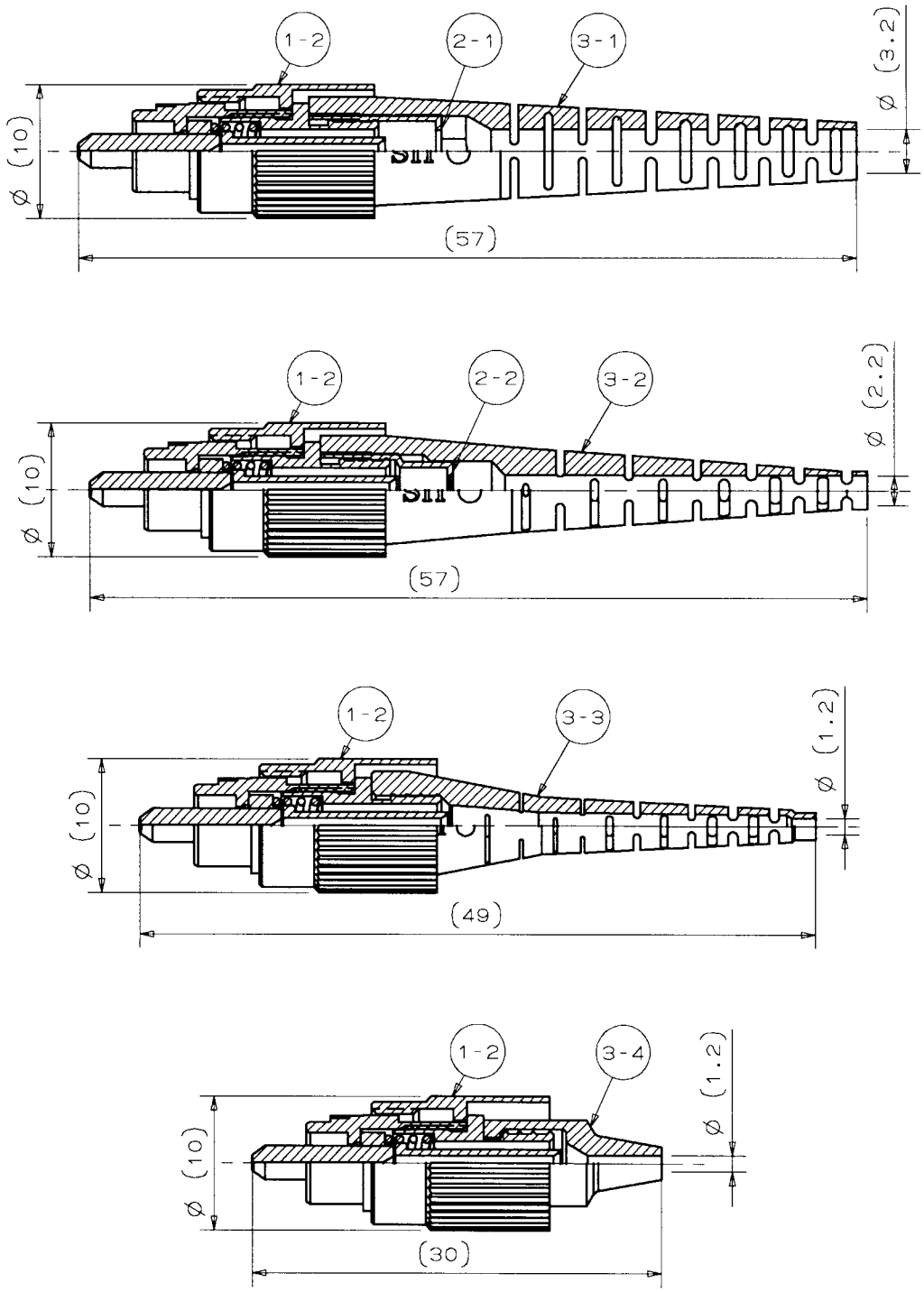
When discarding this product, please follow the regulation of your own country.



note 1: This drawing shows the tentatively assembled condition.
In practice, the connector plug is not assembled like this.
note 2: This drawing does not include the caps.

Unit: mm

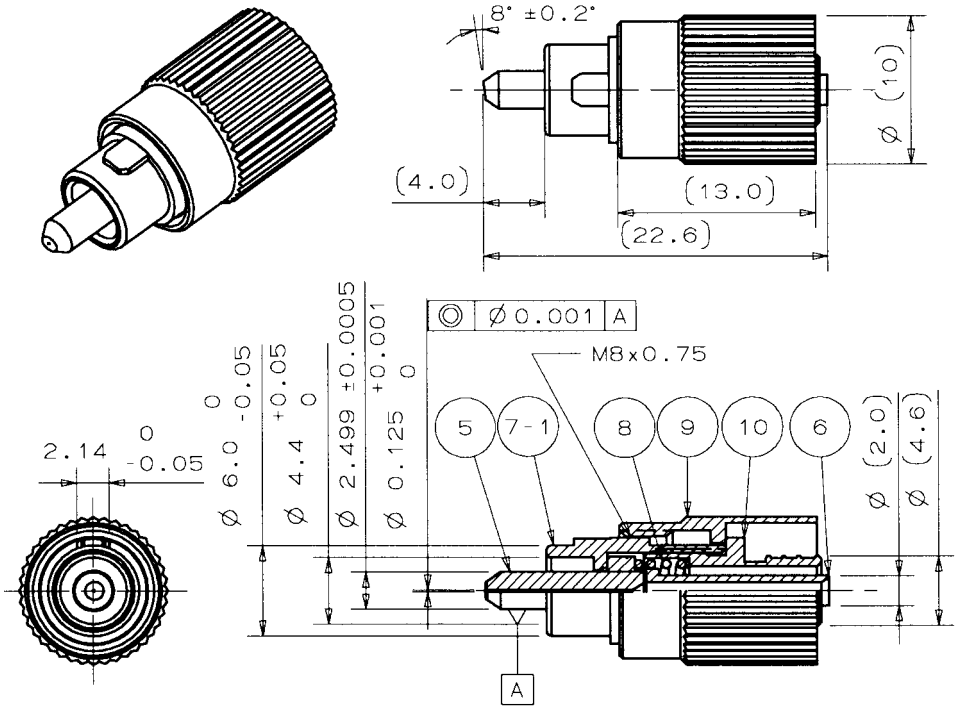
Figure 1 SNP-8 Connector (N type)



note 1: This drawing shows the tentatively assembled condition.
In practice, the connector plug is not assembled like this.
note 2: This drawing does not include the caps.

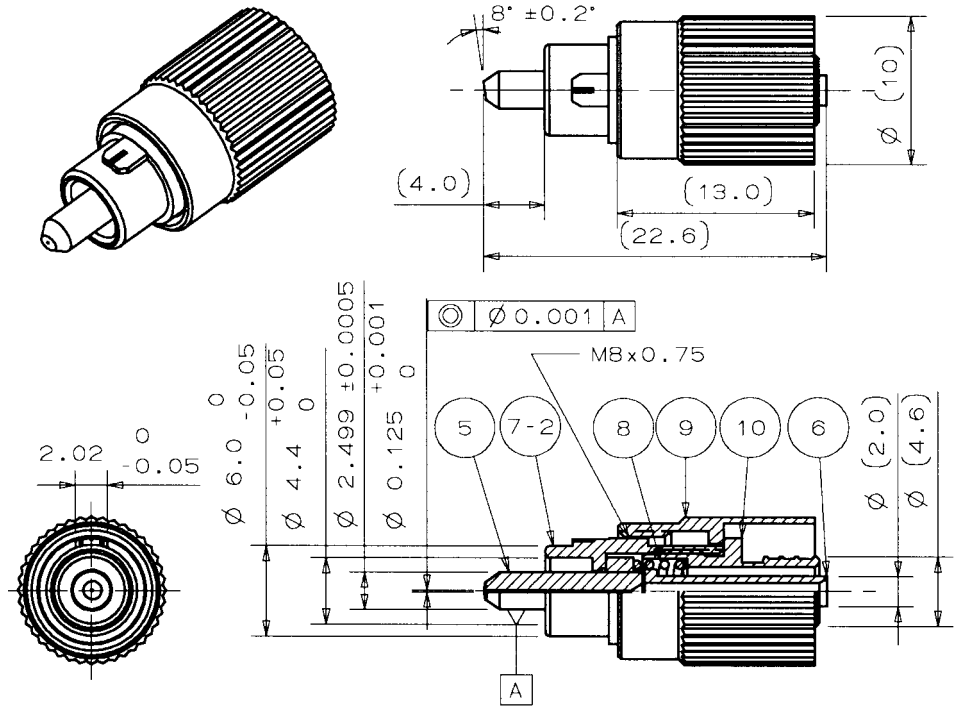
Unit: mm

Figure 2 SNP-8 Connector (R type compatible)



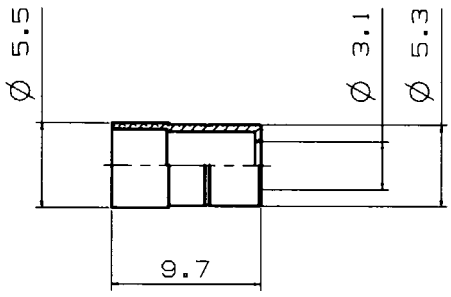
Unit: mm

Figure 3 #1-1 Mainbody (N type)



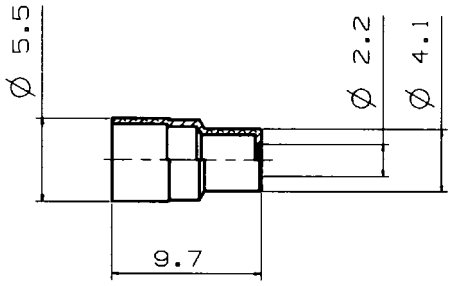
Unit: mm

Figure 4 #1-2 Mainbody (R type compatible)



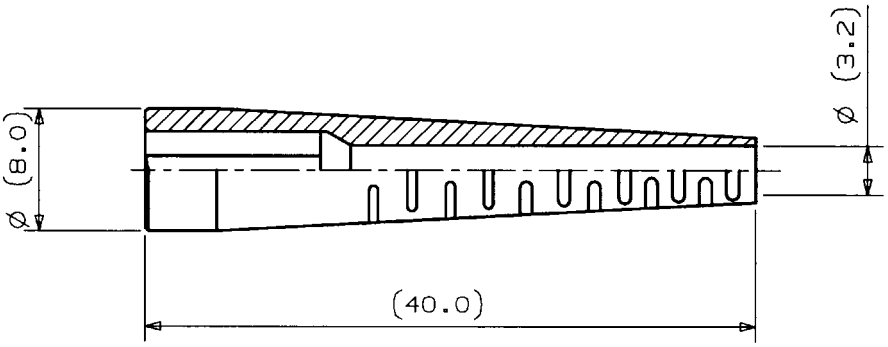
Unit: mm

Figure 5 #2-1 Crimping ring (for ø3.0 mm cord)



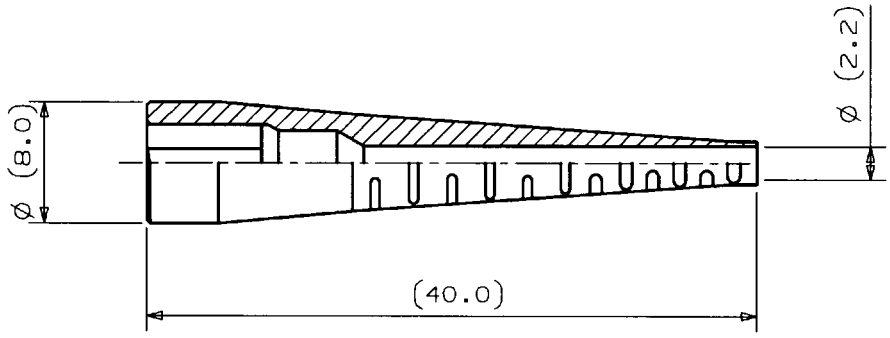
Unit: mm

Figure 6 #2-2 Crimping ring (for ø2.0 mm cord)



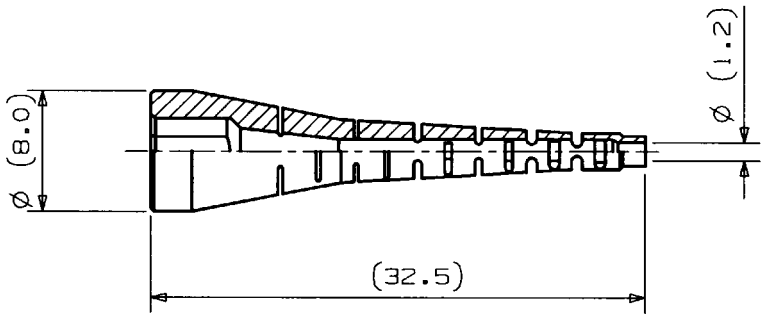
Unit: mm

Figure 7 #3-1 Hood (for ø3.0 mm cord)



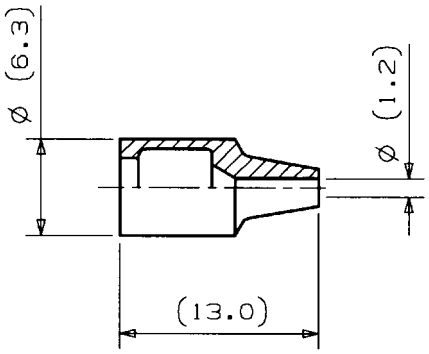
Unit: mm

Figure 8 #3-2 Hood (for ø2.0 mm cord)



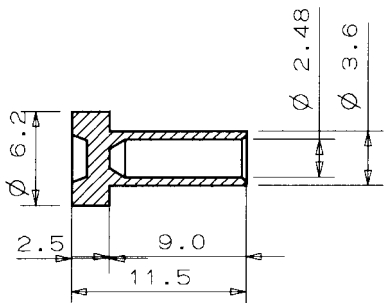
Unit: mm

Figure 9 #3-3 Hood (for ø0.9 mm buffered fiber)



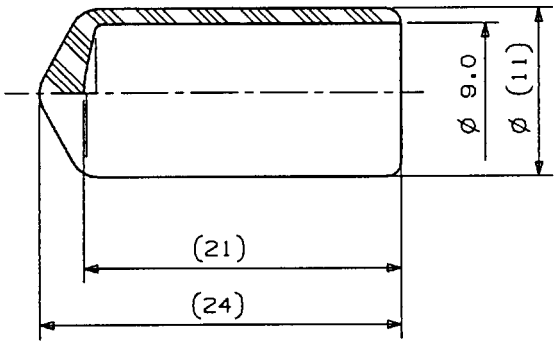
Unit: mm

Figure 10 #3-4 Hood (for ø0.9 mm buffered fiber)



Unit: mm

Figure 11 #4-1 Cap (Ferrule Cap)



Unit: mm

Figure 12 #14-2 Cap (PVC)