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SAP-1 Series

Single-Mode
FC HOUSING

TECHNICAL SPECIFICATIONS

Datasheet.Live

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1. PROVISION

1.1 Application Limit

These specifications apply to the SAP-1 Single-Mode FC HOUSING supplied by **SII**.

2. PARTS NUMBER

Parts Number of the Housing is Shown in Table 1.

Table 1 Parts Number

MODEL Number	Type Number
SAP - 1	1 3 1 2 4 0 0

Hood Color	
0	No hood
1	Black
2	Red
3	White
4	Grey
6	Deep Green
7	Yellow

(Required)
0 0

note.1

Package	
0	
1	
2	
3	Non assy
4	Pre-assy

note.2

Hood I.D.	
0	No hood
2	ϕ 2.0mm
3	ϕ 3.0mm
4	ϕ 2.6mm

note.2

Marking of Hood	
0	Without Marking
1	SII Marking

Cap	
0	No Cap
1	Black
2	Black with strings
3	White Plastic

note.1 Non assy : Key-ring not built-in Frame (within Package).
Pre-assy : Key-ring not built-in Frame (within Package).

note.2 SII Marking : SII ●•SAP-1 JAPAN

I.D of hood	Without Marking	SII Marking
ϕ 2.0 mm	○	×
ϕ 2.6 mm	×	○
ϕ 3.0 mm	○	○

3. GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and the materials are shown in Table 2.

Table 2 Parts and materials

No.	Part Name	Q'ty	Material	Notes
①	Frame	1	Stainless Steel	--
②	Keyring	1	Beryllium Copper	--
③	Washer	1	Phosphor Bronze	Nickel Plating
④	Spring	1	Stainless Steel	--
⑤	Coupling nut	1	Brass	Nickel Plating
⑥	Stopper	1	Brass	Nickel Plating
⑦	Bush	1	Brass	Nickel Plating
⑧	Holder	1	Brass	Nickel Plating
⑨1	Hood (for ϕ2.0mm)	(1)	Synthetic Rubber	Hood Color , Hood Marking Shows Table 1
⑨2	Hood (for ϕ2.6mm)	(1)	Synthetic Rubber	Hood Color , Hood Marking Shows Table 1
⑨-3	Hood (for ϕ3.0mm)	(1)	Synthetic Rubber	Hood Color , Hood Marking Shows Table 1
⑩-1	Cap	(1)	PVC	Black
⑩-2	Cap	(1)	Synthetic Rubber	with Strings, Black
⑩-3	Cap	(1)	Plastics	White

3.2 Physical Dimensions

Figure 1 shows the assembled state of SAP-1.
Figure 2 to 15 show the part dimension.

● In accordance with JIS C5970 F01 type connectors

3.3 General Tolerances

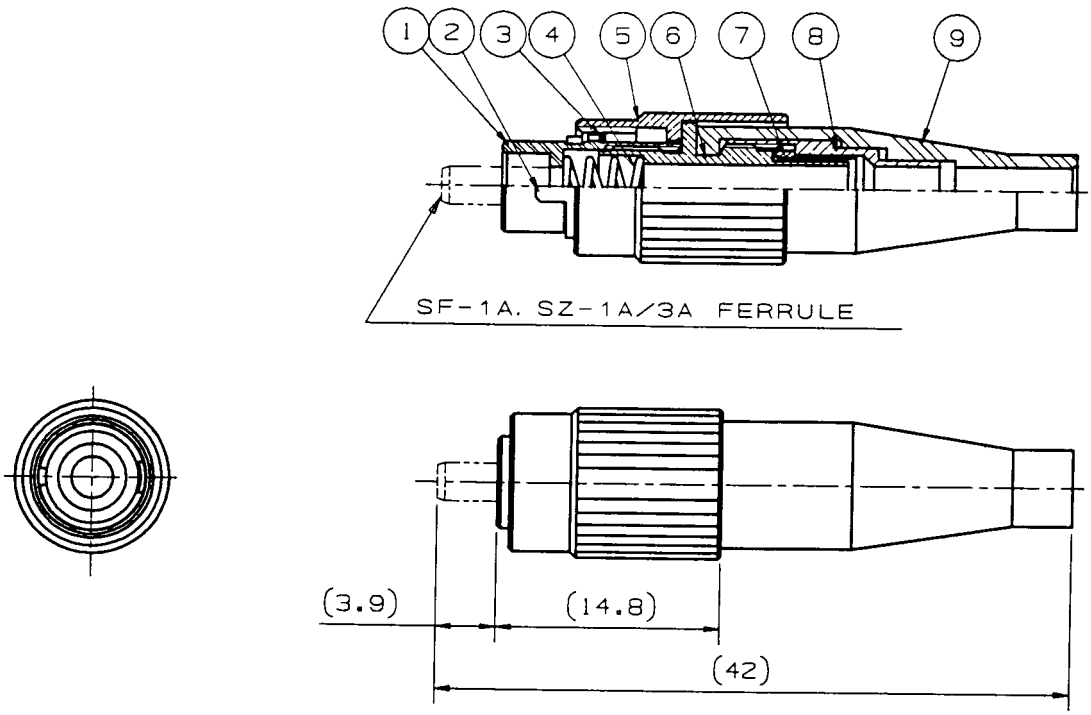
Permissible deviation in dimensions without tolerance indication is in accordance with JIS B 0405 class m, as shown in Table 3.

Table 3 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

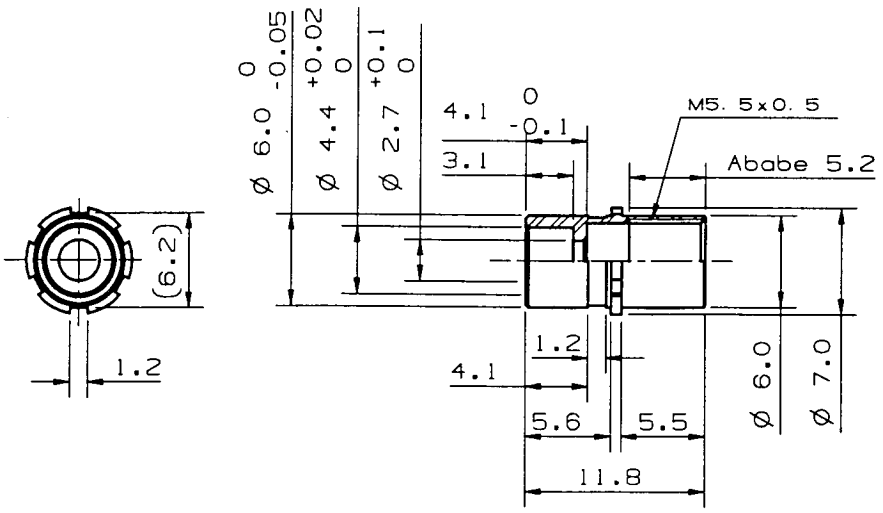
The product is packed to prevent damage during shippment.



note.1: This drawing does not include Caps.

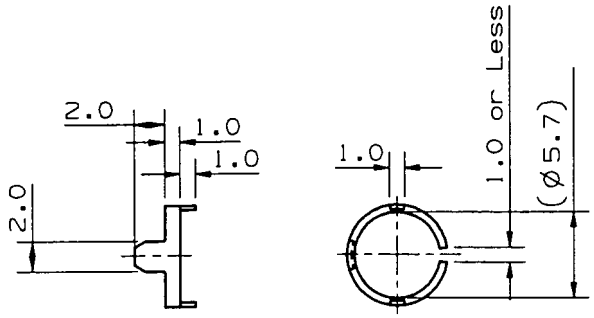
Unit: mm

Figure 1 SAP-1 HOUSING



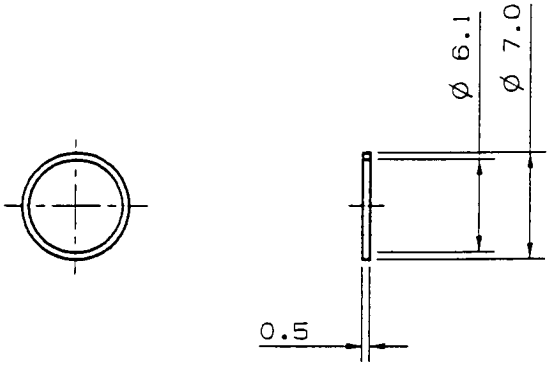
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Figure 2 ① Frame



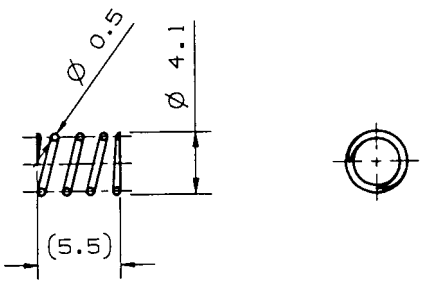
Unit: mm

Figure 3 ② Keyring



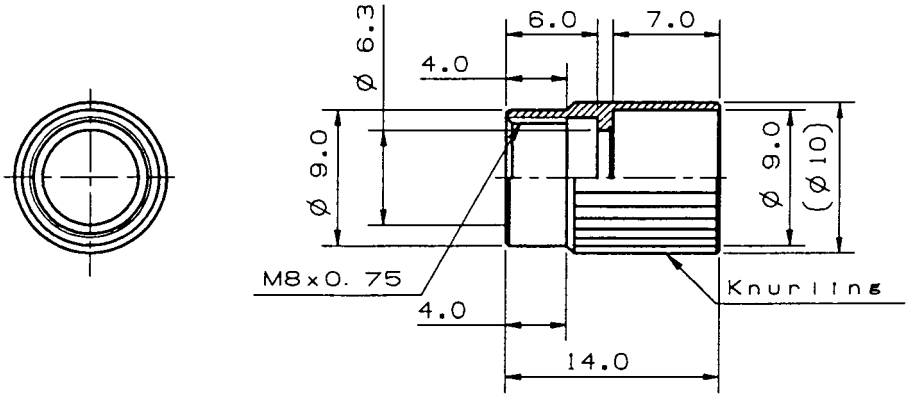
Unit: mm

Figure 4 ③ Washer



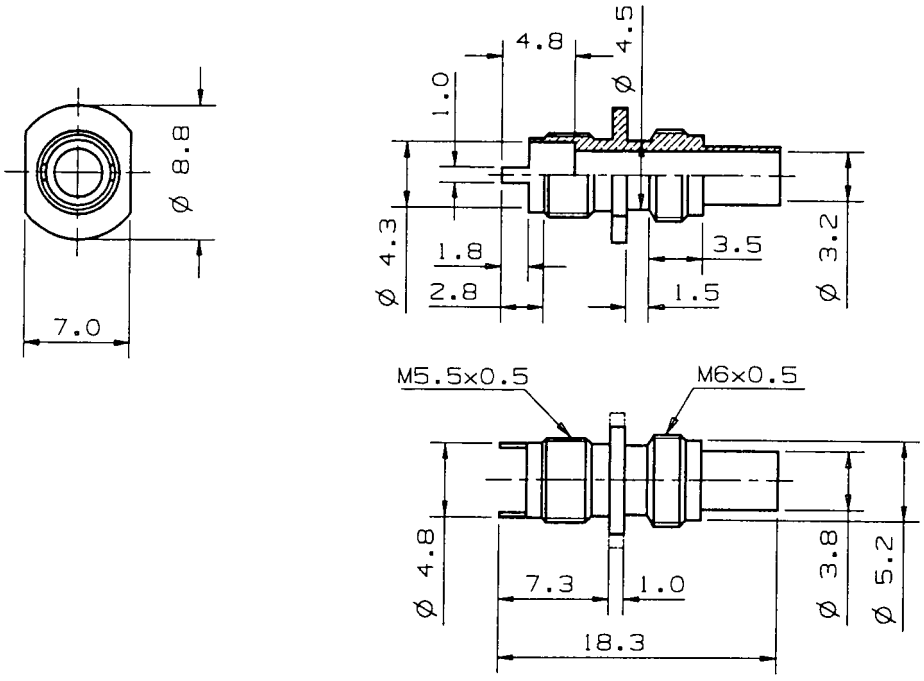
Unit: mm

Figure 5 ④ Spring



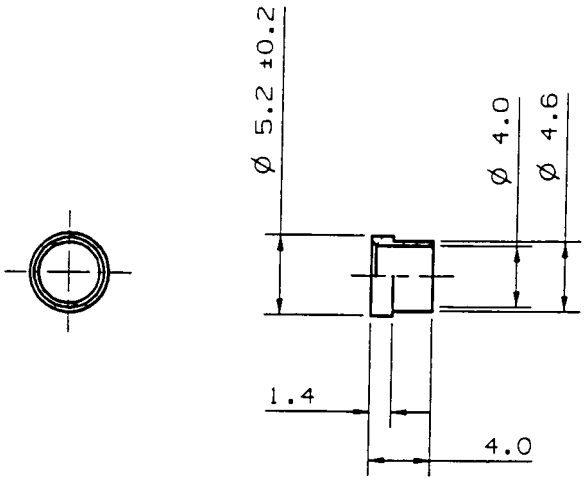
Unit: mm

Figure 6 ⑤ Coupling nut



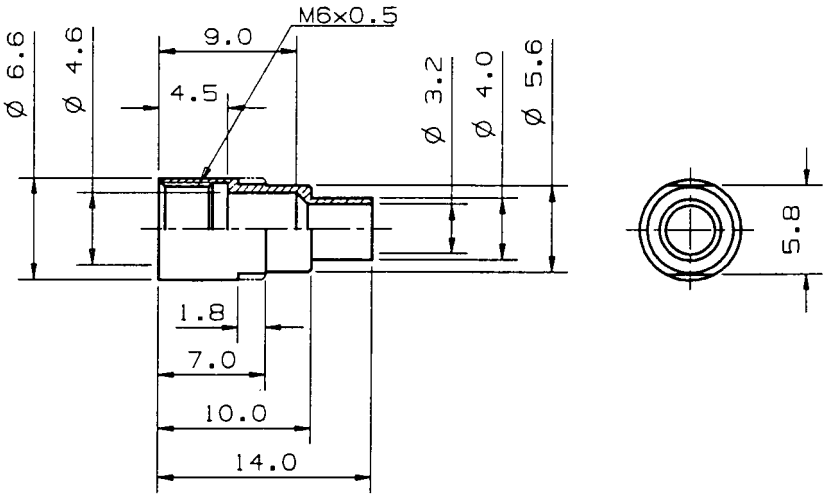
Unit: mm

Figure 7 ⑥ Stopper



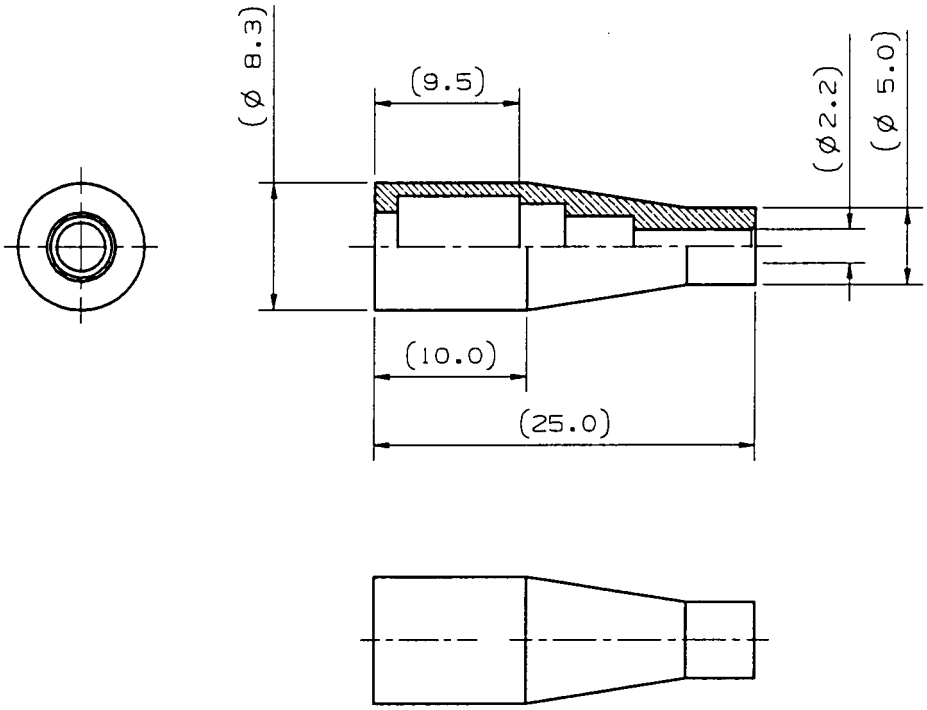
Unit: mm

Figure 8 ⑦ Bush



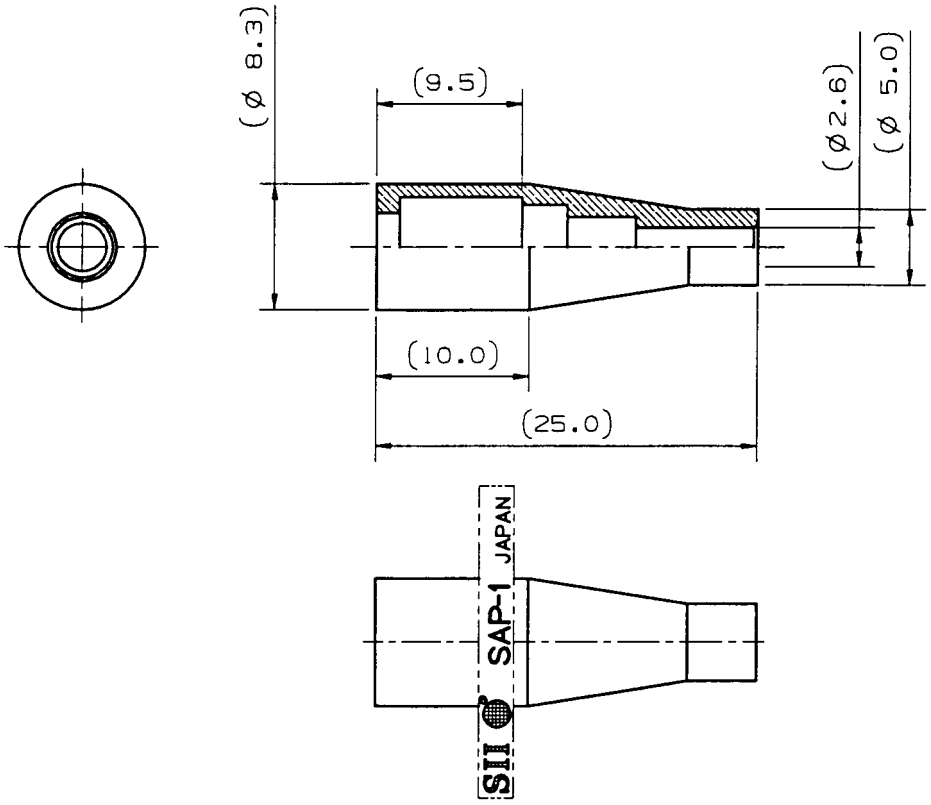
Unit: mm

Figure 9 ⑧ Holder



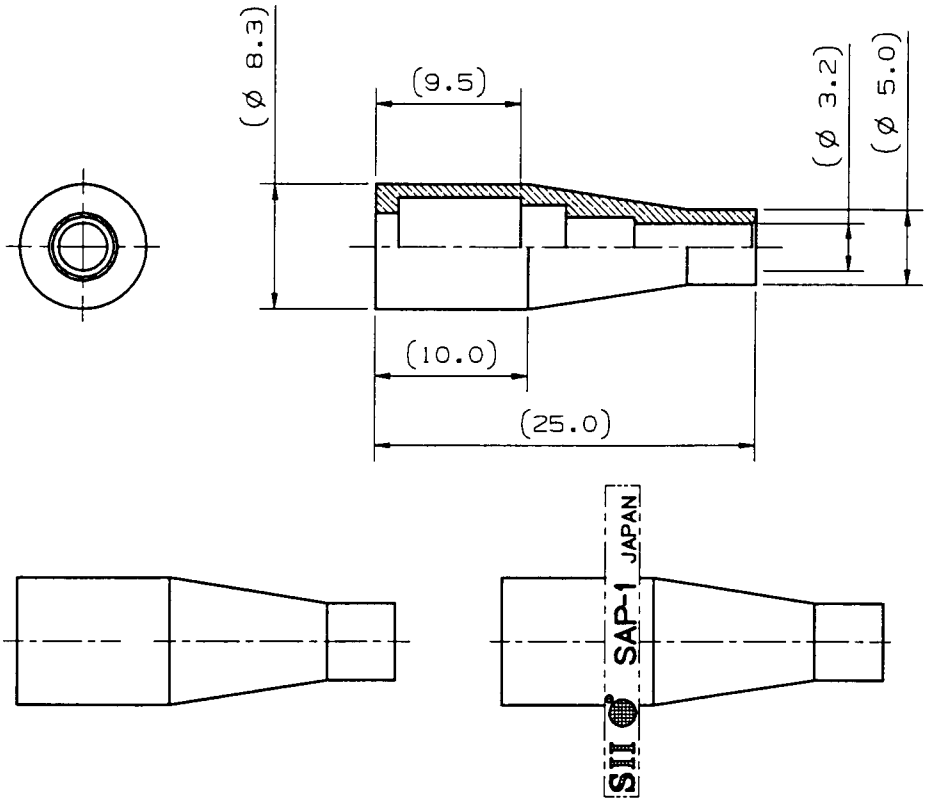
Unit: mm

Figure 10 ⑨-1 Hood (for ϕ2.0mm)



Unit: mm

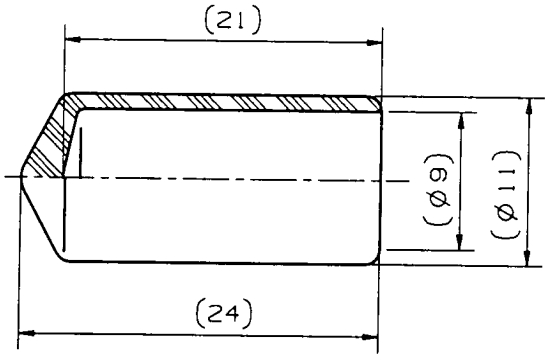
Figure 11 ⑨-2 Hood (for ϕ2.6mm)



without Marking with making

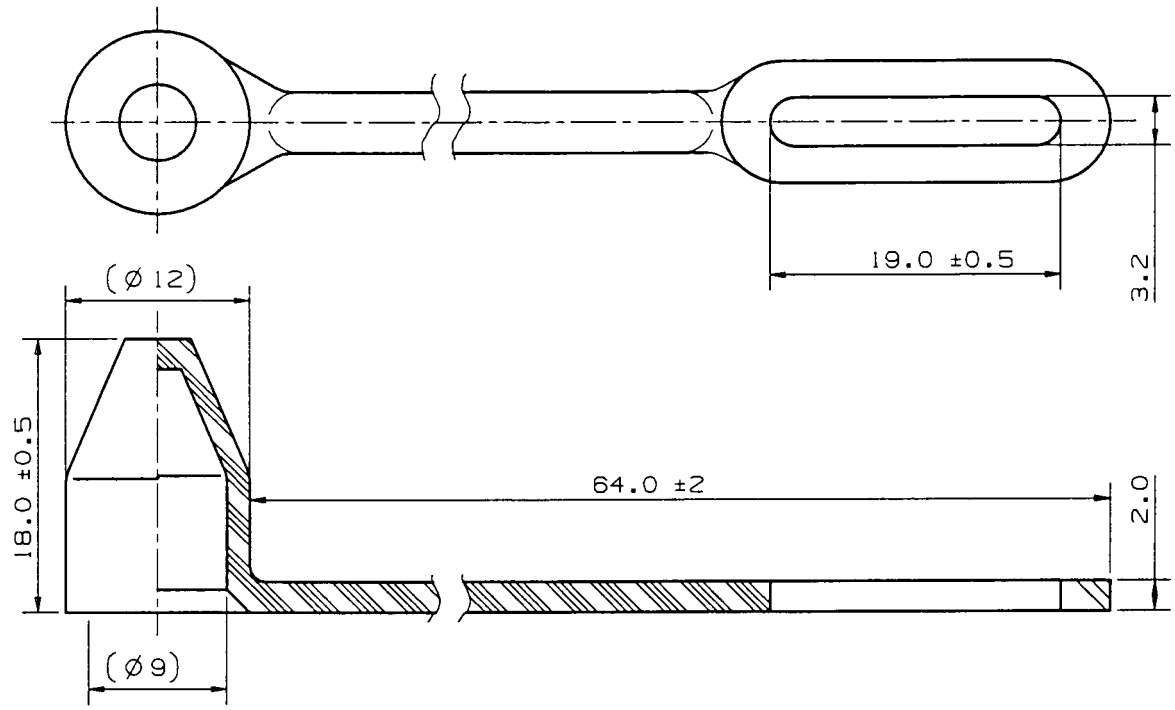
Unit: mm

Figure 12 ⑨-3 Hood (for ϕ3.0mm)



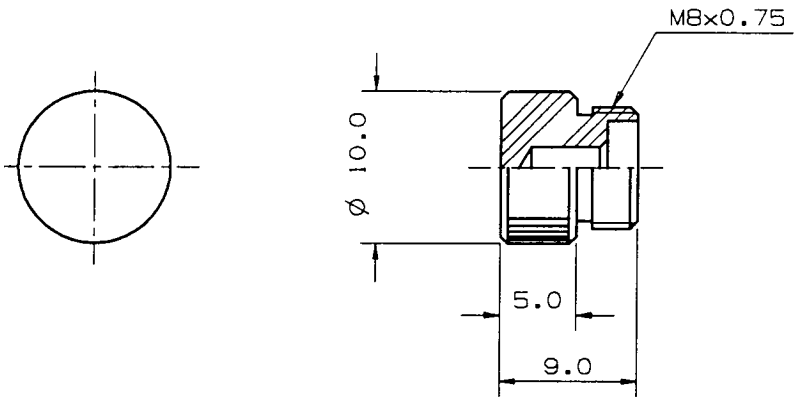
Unit: mm

Figure 13 ⑩-1 Cap



Unit: mm

Figure 14 ⑩-2 Cap



Unit: mm

Figure 15 ⑩-3 Cap