

SMU-P Series

MU CONNECTOR PLUG

TECHNICAL SPECIFICATIONS

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1 PROVISION

1.1 Application Limit

These specifications apply to the SMU-P MU connector plug supplied by SII.

2 PARTS NUMBER

Parts number of the connector plug is shown in Table 1.

Table 1 Parts Number

MODEL Number		TYPE Number									
SMU-P		5	1	1	2	5	1	C	3	0	0
Hood Color										(Required)	
5	Blue									0 0	
9	Lavender										
Hood I.D.										Package	
1	ø 0.9 mm									3 Bulk package	
2	ø 2.0 mm										
Ferrule I.D.										Cap	
125	ø 0.125 mm									C White frame cap	
12F	ø 0.1255 mm										
126	ø 0.126 mm										
										Marking of Grip	
										1 SII / SMU-P	

3 GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and the materials are shown in Table 2-1 and 2-2.

Table 2-1 Parts and Materials

No.	Part Name	Qty	Material	Notes
#1	Main body	1	See Table 2-2	Sub-assembled
#2	Grip	1	PBT GF	Brown, UL94V-0
#3	Crimping ring	1	Aluminum alloy + Sumitube	for \varnothing 2.0 mm, Sumitube: Black
#4-1	Hood	1	TPE	for \varnothing 0.9 mm, UL94V-0
#4-2	Hood	1	TPE	for \varnothing 2.0 mm, UL94V-0
#11	Cap	1	PP	White

Table 2-2 Parts and Materials of Main Body

No.	Part Name	Qty	Material	Notes
#5	Ferrule	1	Zirconia ceramics	-
#6	Flange	1	Brass	Nickel plating
#7	Tube	1	TPFE	Clear
#8	Plug frame	1	PBT GF	White, UL94V-0
#9	Spring	1	Stainless steel	-
#10	Stop ring	1	Brass	Brass: Nickel plating

3.2 Physical Dimensions

Figure 1.1 and 1.2 show the assembled state of SMU-P.

Figure 2 shows the Main body dimensions.

Figure 3 to 7 show the parts dimensions.

3.3 General Tolerances

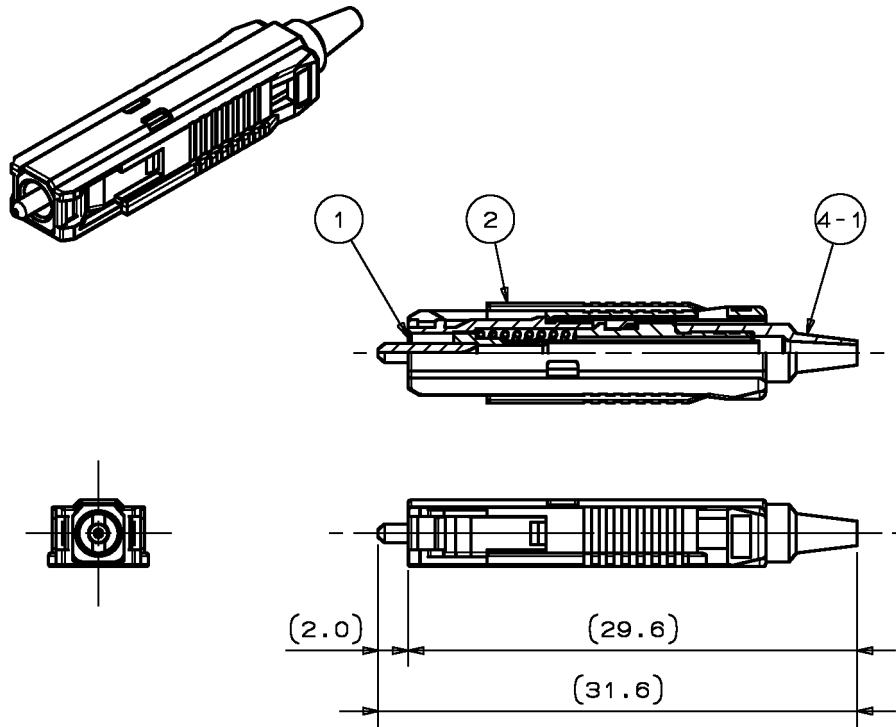
Permissible deviation in dimensions without tolerance indication is in accordance with JIS B 0405 class m, as shown in Table 3.

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 shipment.

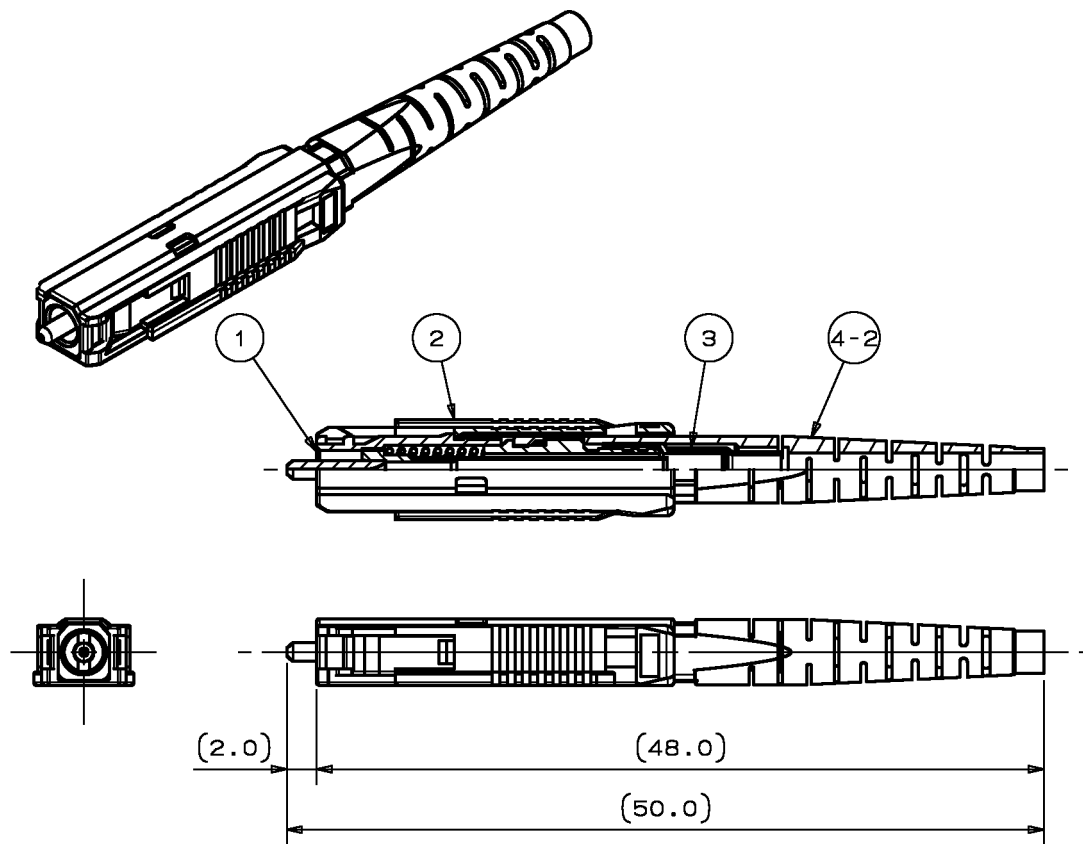


note 1: This drawing shows the tentatively assembled condition. In practice, the connector plug is not assembled like this.

note 2: This drawing does not include the cap.

Unit: mm

Figure 1.1 SMU-P Connector Plug for \varnothing 0.9 mm cord

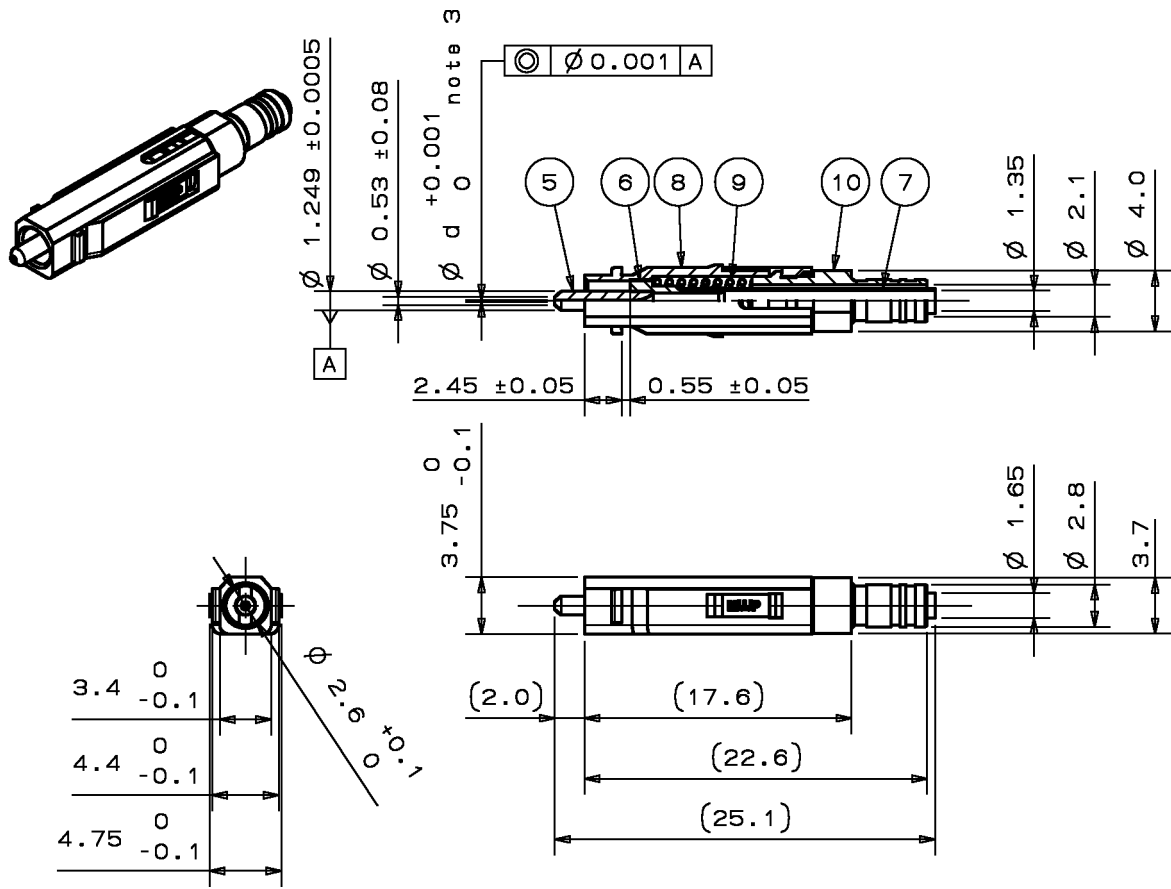


note 1: This drawing shows the tentatively assembled condition. In practice, the connector plug is not assembled like this.

note 2: This drawing does not include the cap.

Unit: mm

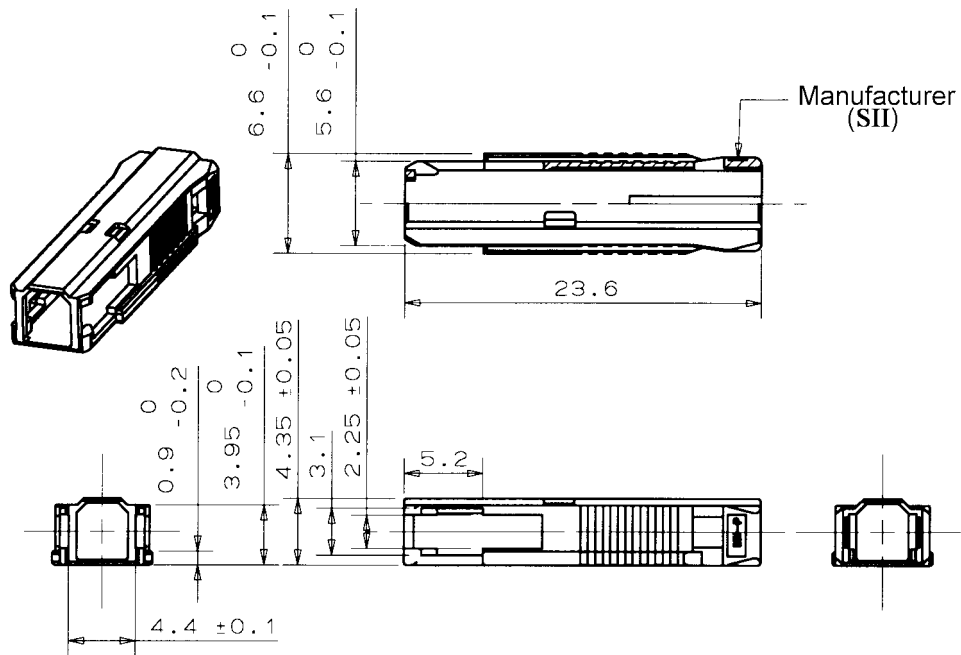
Figure 1.2 SMU-P Connector Plug for \varnothing 2.0 mm cord



note 3: Ferrule hole inner diameter (d) shown in Table 1.

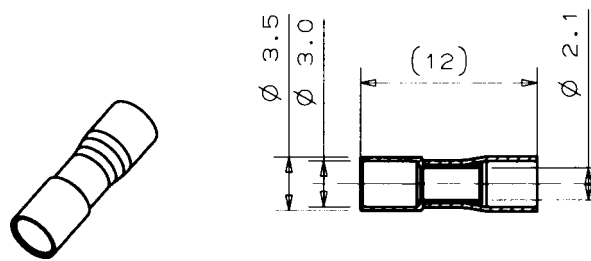
Unit: mm

Figure 2 #1 Main Body



Unit: mm

Figure 3 #2 Grip



Unit: mm

Figure 4 #3 Crimping ring for Ø 2.0 mm cord

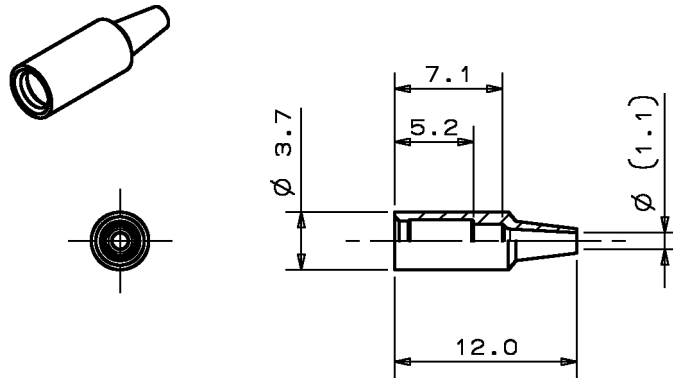


Figure 5 #4-1 Hood for \varnothing 0.9 mm cord

Unit: mm

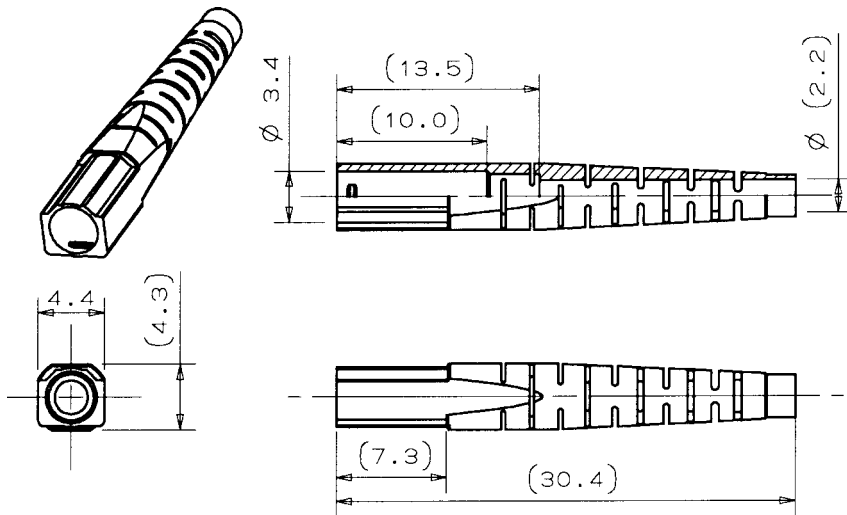


Figure 6 #4-2 Hood for \varnothing 2.0 mm cord

Unit: mm

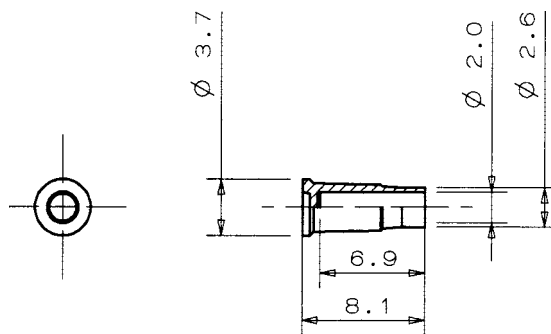


Figure 7 #11 Cap

Unit: mm