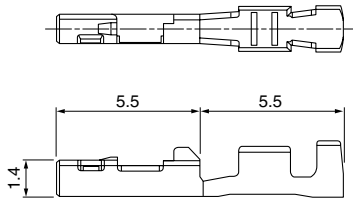


Female terminal



Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm ²)	Insulation O.D. (mm)	
SCPT-A021GF-0.5	0.3	1.4	15,000

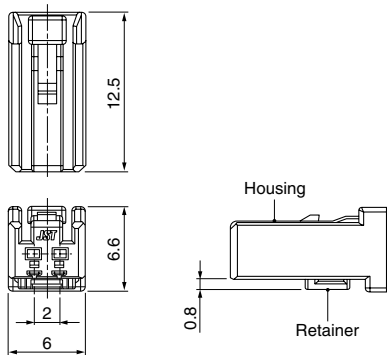
Material and Finish

Brass, nickel-undercoated, Contact area; gold-plated
Barrel area; tin-plated

Female connector

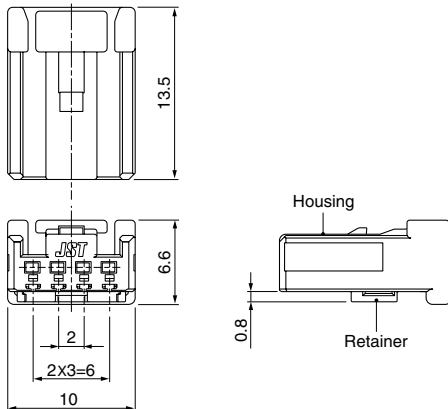
Single row

• 2 circuits

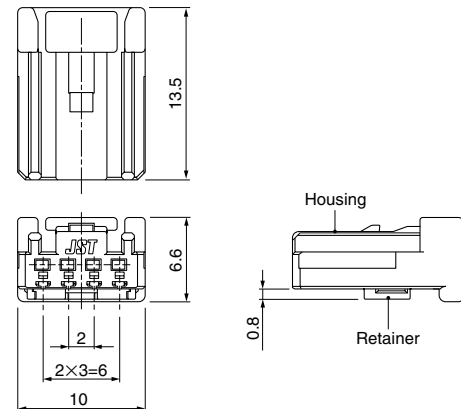


• 4 circuits

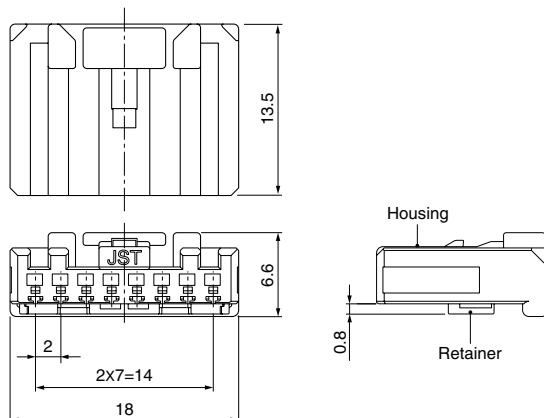
04CPT-B1-2A



04CPT-B1-2B



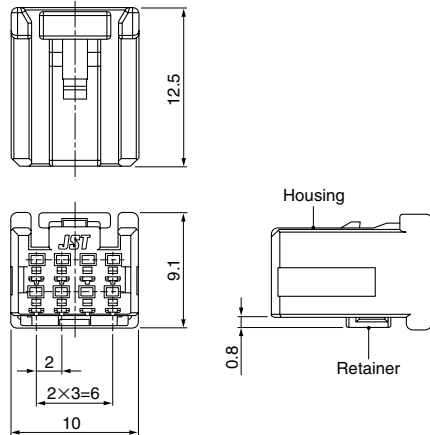
• 8 circuits



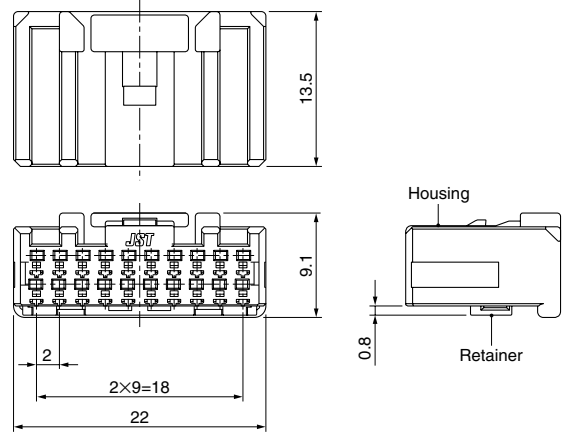
Female connector

Double row

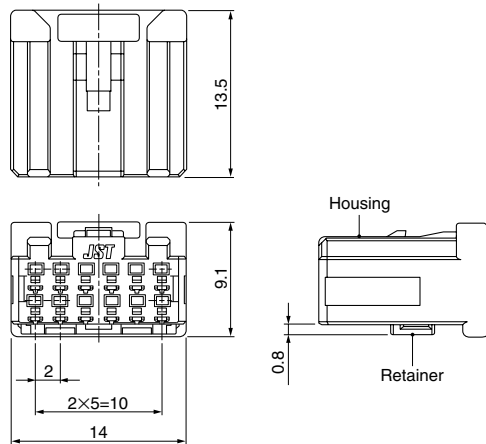
• 8 circuits



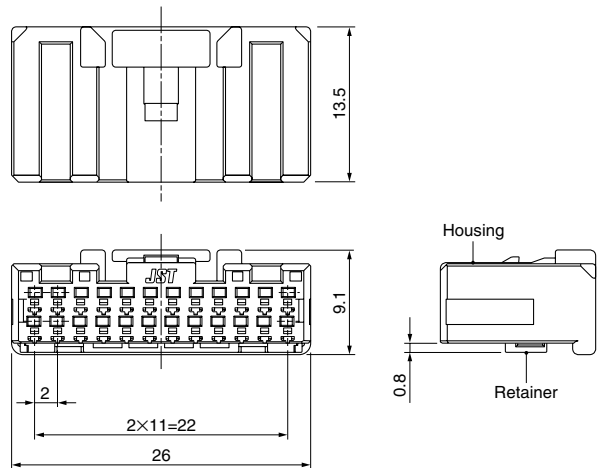
• 20 circuits



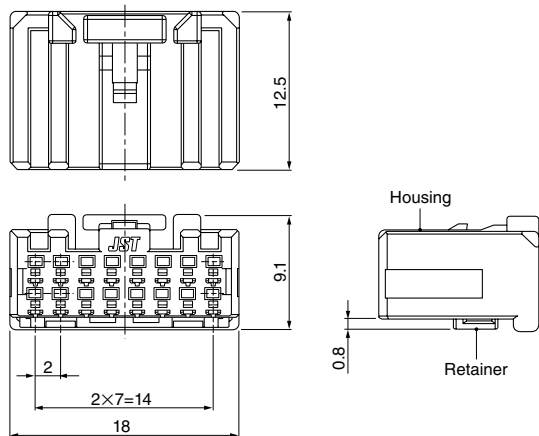
• 12 circuits



• 24 circuits



• 16 circuits



Type	Circuits	Model No.	Q'ty/box
Single row	2	02CPT-B-2A	500
	4	04CPT-B1-2A	600
		04CPT-B1-2B	
Double row	8	08CPT-B1-2A	400
	8	08CPT-B-2A	500
	12	12CPT-B-2A	300
	16	16CPT-B-2A	250
	20	20CPT-B-2A	250
	24	24CPT-B-2A	200

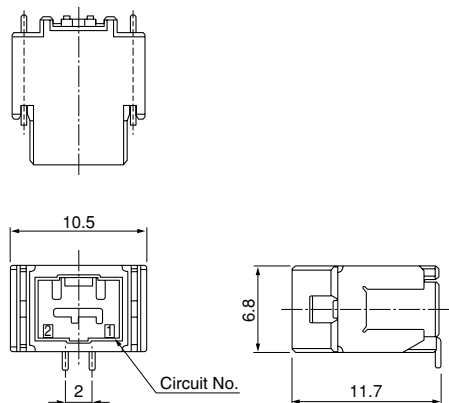
Material and Finish

Housing: Glass-filled PBT, Black
Retainer: Glass-filled PBT, Blue

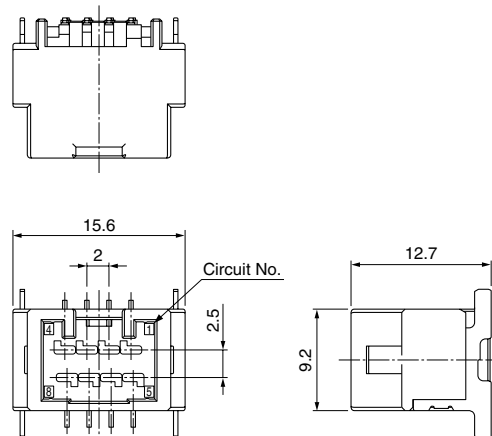
Male connector

Top entry type

Single row
● 2 circuits

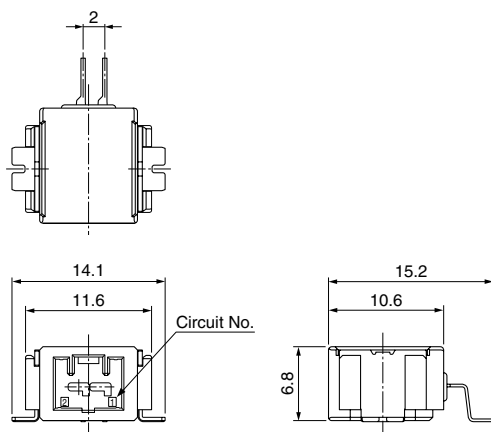


Double row
● 8 circuits



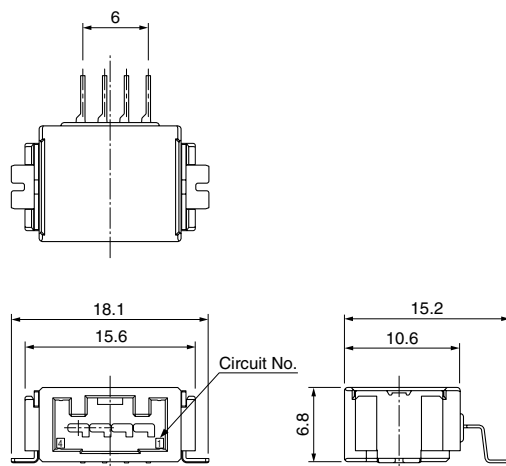
Side entry type

Single row
● 2 circuits

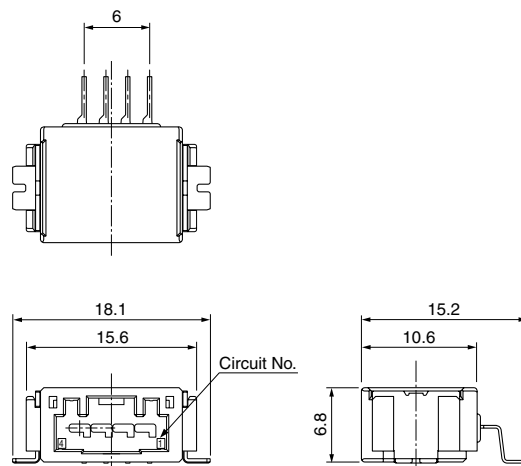


● 4 circuits

SM04B1-CPTK-1A-TB



SM04B1-CPTK-1B-TB

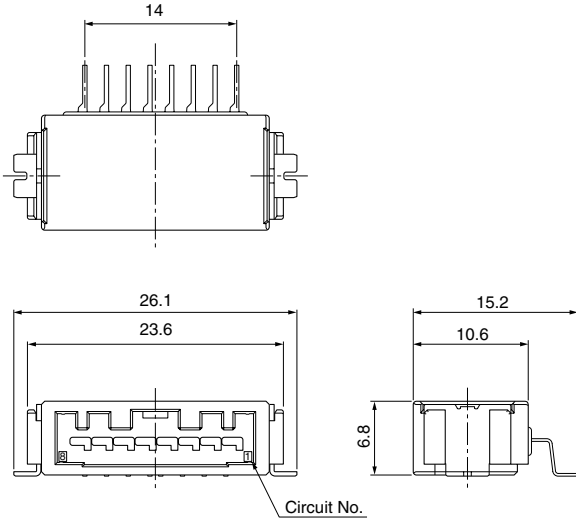


Male connector

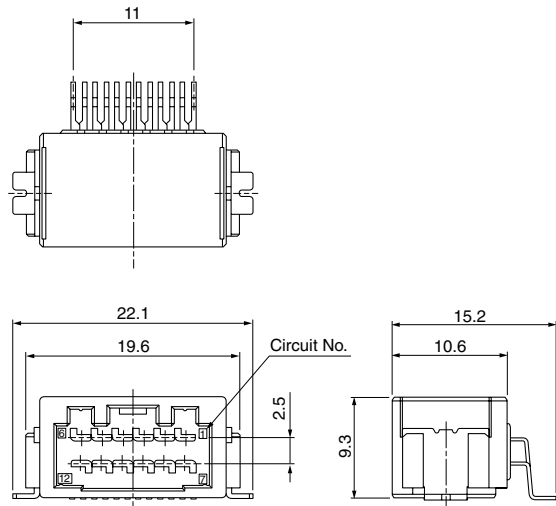
Side entry type

Single row

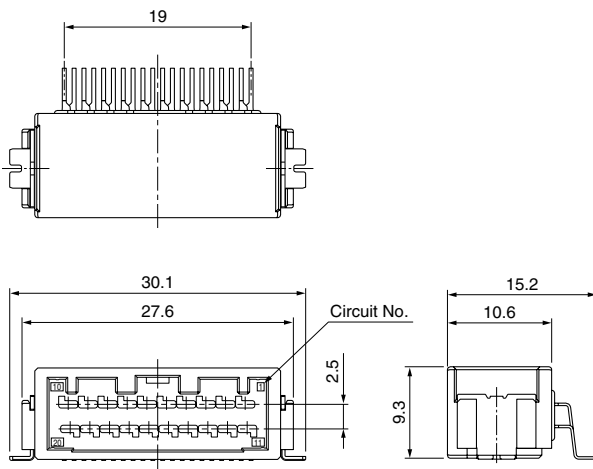
• 8 circuits



• 12 circuits



• 20 circuits

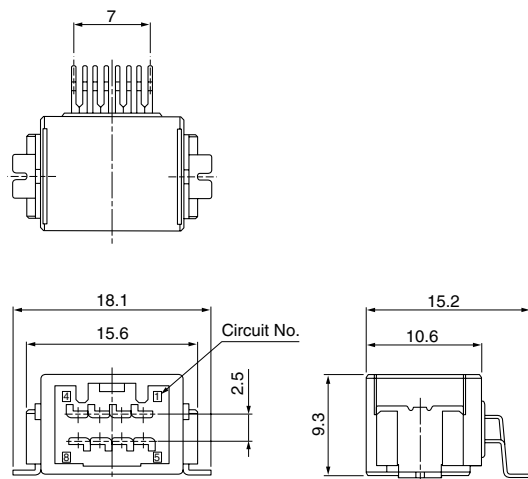


Male connector

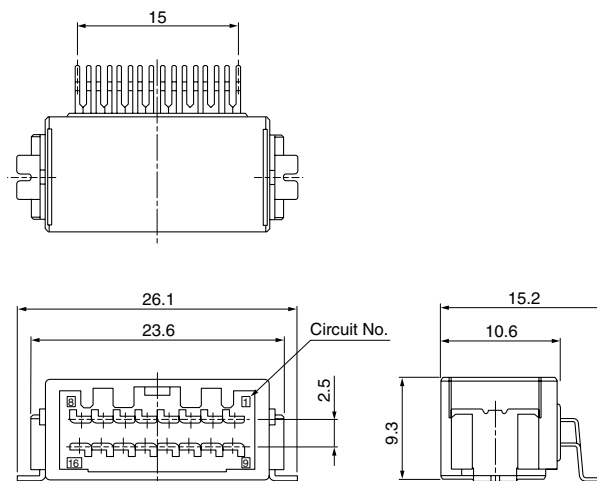
Side entry type

Double row

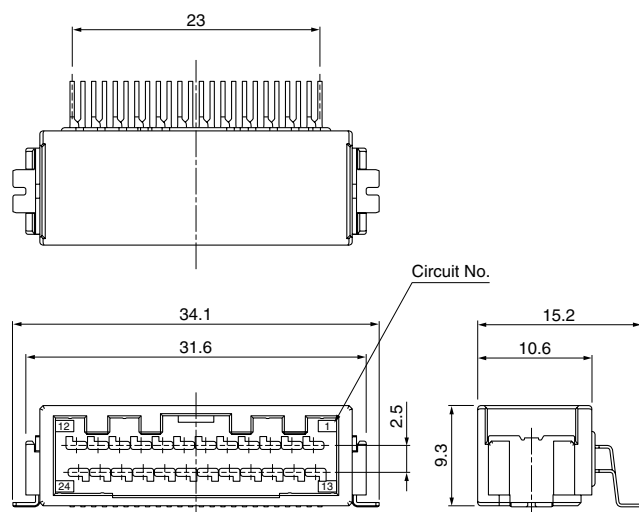
• 8 circuits



• 16 circuits



• 24 circuits



Type	Circuits	Model No.	Q'ty/reel
Top type	2 (Single)	BM02B-CPTK-1A-TB	370
	8 (Double)	BM08B-CPTK-1A-TB	240
Side type	2 (Single)	SM02B-CPTK-1A-TB	500
	4 (Single)	SM04B1-CPTK-1A-TB	500
		SM04B1-CPTK-1B-TB	
	8 (Single)	SM08B1-CPTK-1A-TB	500
	8 (Double)	SM08B-CPTK-1A-TB	390
	12 (Double)	SM12B-CPTK-1A-TB	390
	16 (Double)	SM16B-CPTK-1A-TB	390
	20 (Double)	SM20B-CPTK-1A-TB	390
	24 (Double)	SM24B-CPTK-1A-TB	390

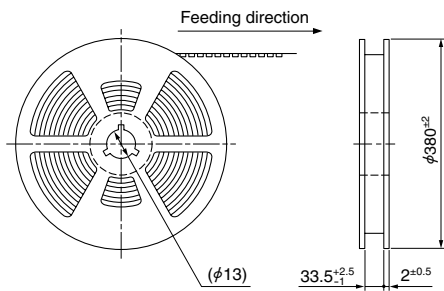
Material and Finish

Terminal: Copper alloy, nickel-undercoated,
Contact area; gold-plated
Solder tail; tin-plated (reflow treatment)
Housing: Glass-filled LCP, Black
Peg: Brass, nickel-undercoated, tin-plated (reflow treatment)

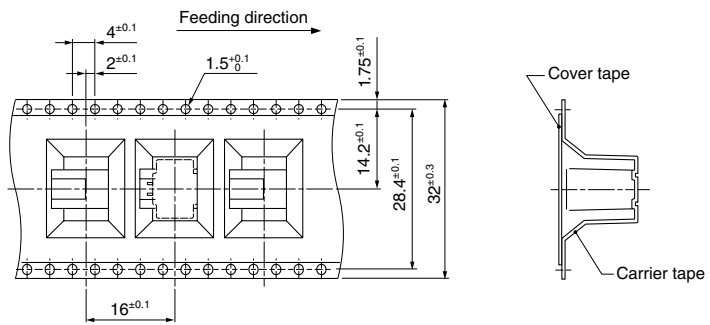
Taping Specifications

Top entry type

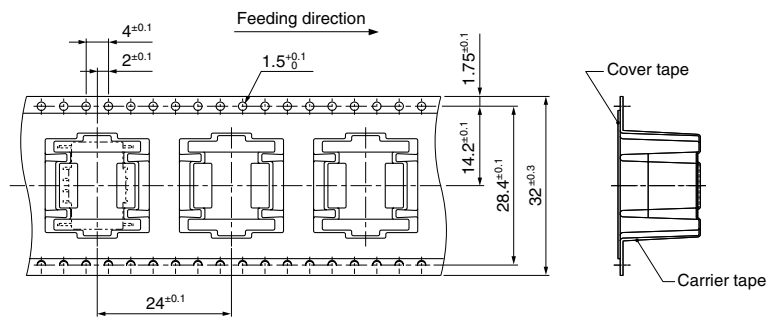
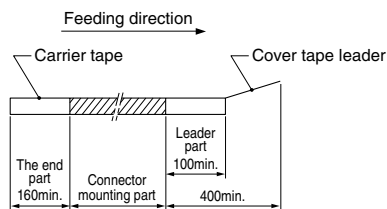
• 2, 8 circuits



• 2 circuits

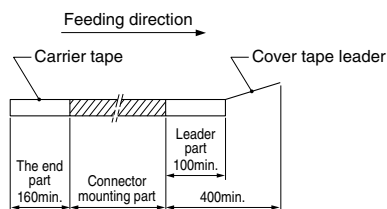
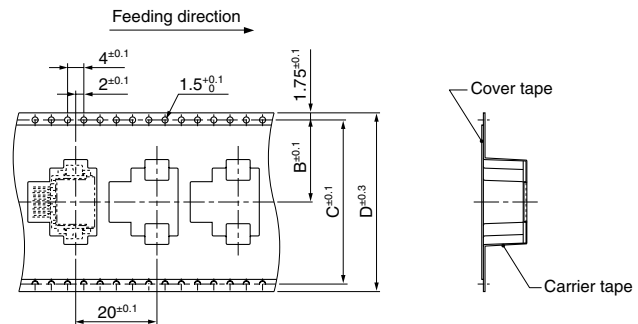
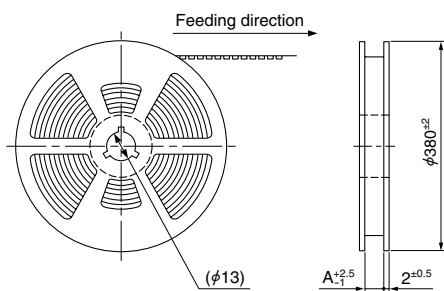


• 8 circuits



Side entry type

• 2, 4, 8, 12, 16, 20, 24 circuits

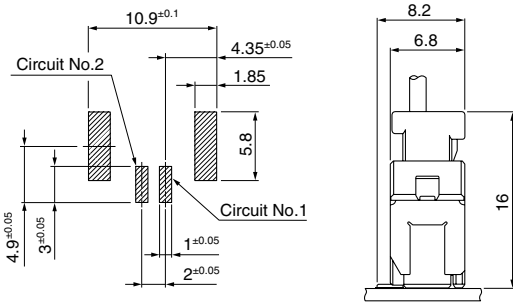


Type	Circuits	A	B	C	D
Single	2	33.5	14.2	28.4	32
	4	33.5	14.2	28.4	32
	8	45.5	20.2	40.4	44
Double	8	45.5	20.2	40.4	44
	12	45.5	20.2	40.4	44
	16	45.5	20.2	40.4	44
	20	45.5	20.2	40.4	44
	24	57.5	26.2	52.4	56

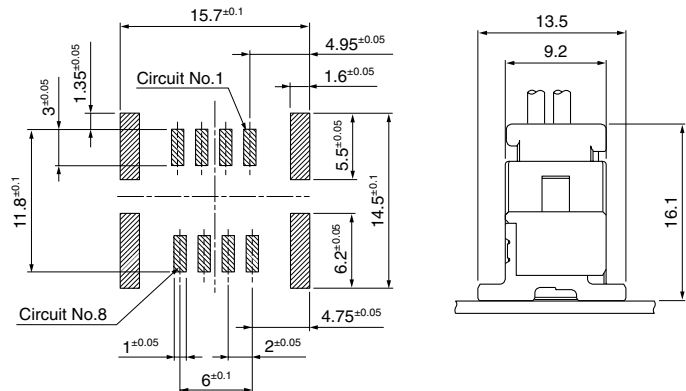
PC board layout, Assembly layout

Top entry type

● 2 circuits

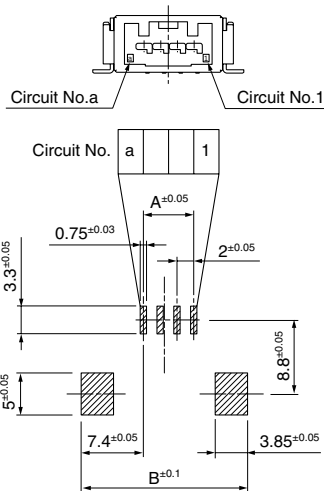


● 8 circuits

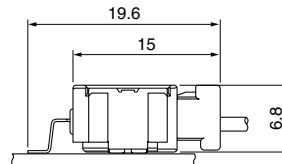


Side entry type

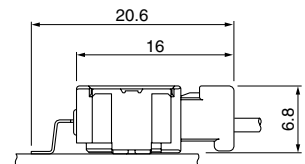
● 2, 4, 8 (Single) circuits



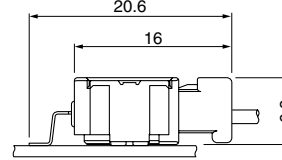
● 2 circuits



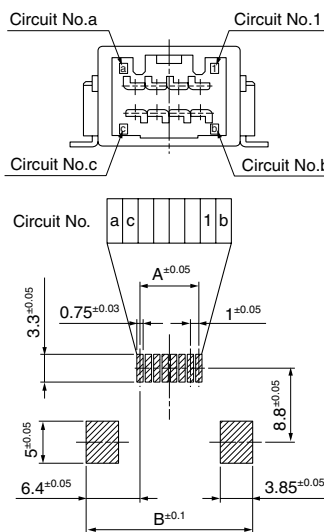
● 4 circuits



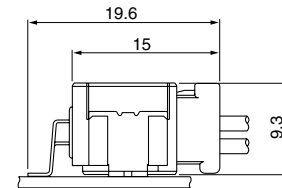
● 8 (Single) circuits



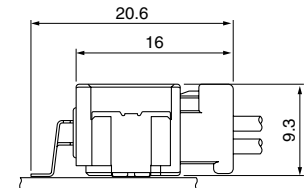
● 8 (Double), 12, 16, 20, 24 circuits



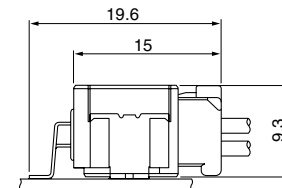
● 8 (Double) circuits



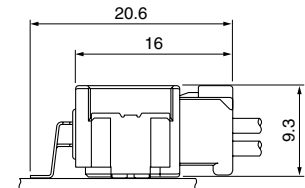
● 12 circuits



● 16 circuits



● 20, 24 circuits



Note: 1. Tolerances are non-cumulative: ± 0.05 mm for all centers.

2. The dimensions above should serve as guideline. Contact JST for details.

Crimping machine, Applicator

Strip terminal	Crimping machine	Crimp applicator MKS-L	
		Dies	Crimp applicator with dies
SCPT-A021GF-0.5	AP-K2N	MK/SCPT-A021-05	APLMK SCPT-A021-05

Note: When crimping operation is conducted using an applicator and die set other than the above, JST cannot guarantee the performance of the terminal.