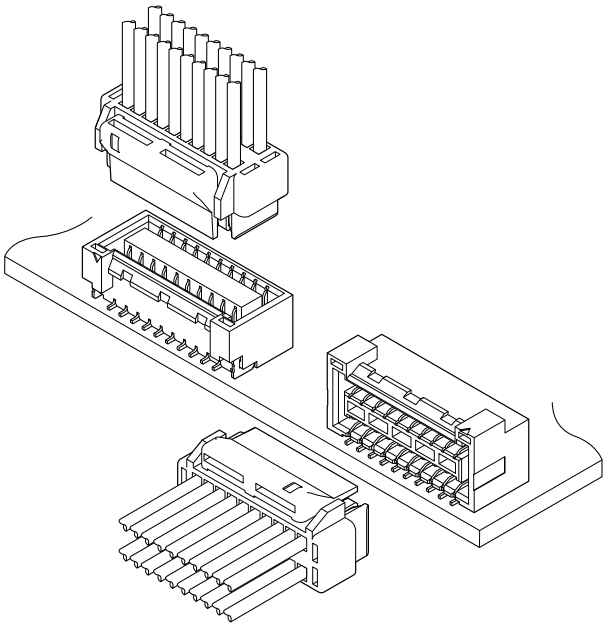


GHD CONNECTOR/GOLD-PLATED PRODUCT

Emboss Tape

1.25 mm pitch/Disconnectable Crimp style connectors



To meet the requirement of the high density mounting on PC board of flat panel TV, AV equipments etc., this connector is designed to the double-row type of 1.25 mm pitch. Its operability is very well, in spite of the small size.

- **Secure lock device**
- **Low insertion force**
- **Prevention of contact deformation**
- **Suction area for picking up**

Specifications

- Current rating: 1.0 A AC, DC (AWG #26)
- Voltage rating: 50 V AC, DC
- Temperature range: -25℃ to +85℃
  (including temperature rise in applying electrical current)
- Contact resistance:
  Initial value/ Top entry type: 30 mΩ max.
  Side entry type: 50 mΩ max
  After environmental tests/ Top entry type: 50 mΩ max.
  Side entry type: 70 mΩ max
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #32 to #26
  Insulation O.D./ 0.4 to 1.0 mm

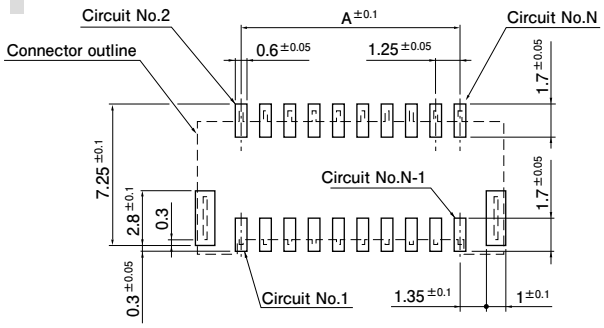
* In using the products,refer to "Handling Precaution for Terminal and Connector" described on our website (Technical documents of Product information page)
* Contact JST for details.
* RoHS2 compliance.

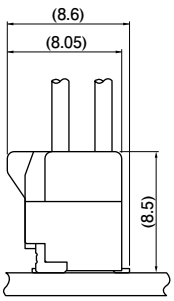
Standards

Recognized E60389

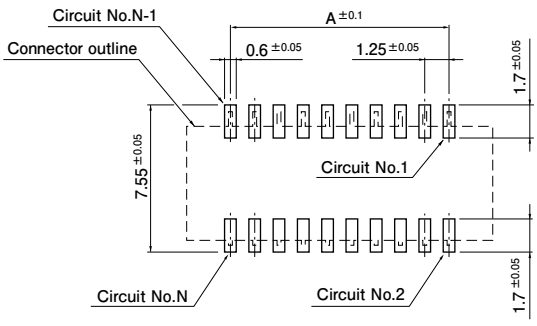
PC board layout and Assembly layout

Top entry type

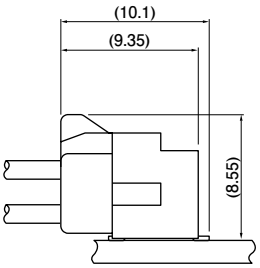




Side entry type

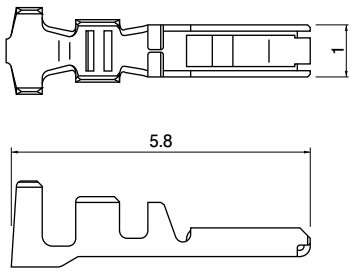


(Mating side faces to this side)



Note: 1. The above figure is the figure viewed from the connector mounting side
2. Tolerance for the centers of pattern on PCB is ± 0.05, and shall be not cumulative more than ± 0.1.
The dimensions above should serve as a guideline. Contact JST for details.

Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm²	AWG#		
SGHD-002GA-P0.2	0.05 to 0.13	30 to 26	0.76 to 1.0	20,000
SGHD-003GA-P0.2	0.032 to 0.08	32 to 28	0.4 to 0.8	28,000

Material and Finish
Phosphor bronze, nickel-undercoated, selective gold-plated

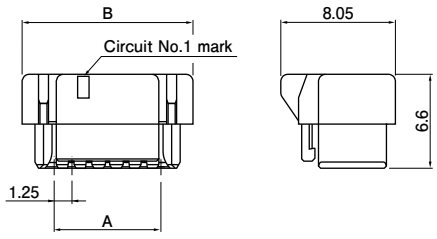
RoHS2 compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SGHD-002GA-P0.2	AP-K2N	MKS-L-10-3	MK/SSHL-002-02	APLMK SSHL002-02
		—	—	—
SGHD-003GA-P0.2		MKS-L-10-3	MK/SGHD-003-02	APLMK SGHD003-02
		—	—	—

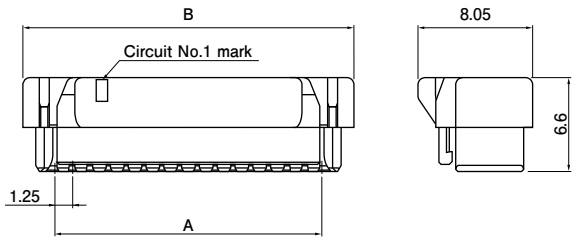
Note: Contact JST for fully automatic crimping applicator.

Housing

<10 to 30 circuits>



<32 to 40 circuits>



No. of circuits	Model No.	Dimensions (mm)		Q'ty/bag
		A	B	
10	**GHDR-10V-S-1 (F)**	5.00	9.50	1,000
12	**GHDR-12V-S-1 (F)**	6.25	10.75	1,000
14	**GHDR-14V-S-1 (F)**	7.50	12.00	1,000
16	**GHDR-16V-S-1 (F)**	8.75	13.25	1,000
18	**GHDR-18V-S-1 (F)**	10.00	14.50	1,000
20	**GHDR-20V-S-1 (F)**	11.25	15.75	1,000
22	**GHDR-22V-S-1 (F)**	12.50	17.00	1,000
24	**GHDR-24V-S-1 (F)**	13.75	18.25	1,000
26	**GHDR-26V-S-1 (F)**	15.00	19.50	1,000
28	**GHDR-28V-S-1 (F)**	16.25	20.75	1,000
30	**GHDR-30V-S-1 (F)**	17.50	22.00	1,000
32	**GHDR-32V-S-1 (F)**	18.75	23.25	1,000
36	**GHDR-36V-S-1 (F)**	21.25	25.75	1,000
38	**GHDR-38V-S-1 (F)**	22.50	27.00	1,000
40	**GHDR-40V-S-1 (F)**	23.75	28.25	1,000

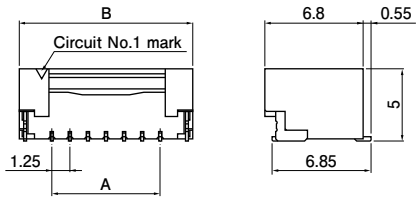
Material
PBT, UL94V-0, natural (white)

RoHS2 compliance

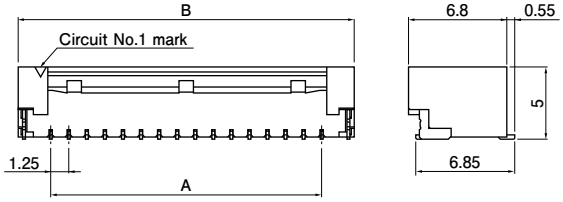
Header

Top entry type

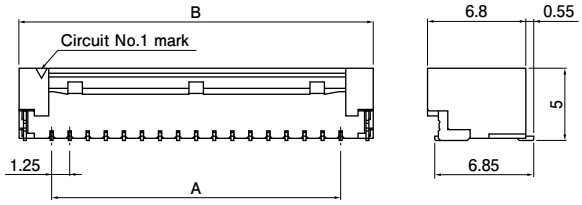
<10 to 14 circuits>



<16 to 32 circuits>

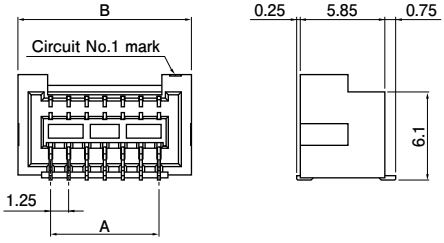


<36 to 40 circuits>

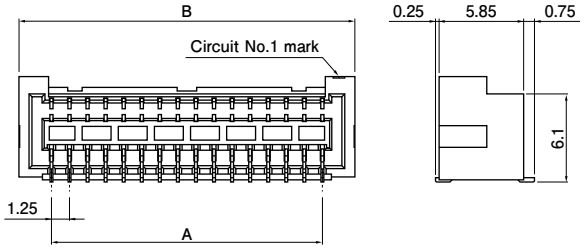


Side entry type

<10 to 14 circuits>



<16 to 40 circuits>



No. of circuits	Model No.	Dimensions (mm)		Q'ty/ reel
		A	B	
10	**BM10B-GHDS-G-TF**	5.00	9.50	1,250
12	**BM12B-GHDS-G-TF**	6.25	10.75	1,250
14	**BM14B-GHDS-G-TF**	7.50	12.00	1,250
16	**BM16B-GHDS-G-TF**	8.75	13.25	1,250
18	**BM18B-GHDS-G-TF**	10.00	14.50	1,250
20	**BM20B-GHDS-G-TF**	11.25	15.75	1,250
22	**BM22B-GHDS-G-TF**	12.50	17.00	1,250
24	**BM24B-GHDS-G-TF**	13.75	18.25	1,250
26	**BM26B-GHDS-G-TF**	15.00	19.50	1,250
28	**BM28B-GHDS-G-TF**	16.25	20.75	1,250
30	**BM30B-GHDS-G-TF**	17.50	22.00	1,250
32	**BM32B-GHDS-G-TF**	18.75	23.25	1,250
36	**BM36B-GHDS-G-TF**	21.25	25.75	1,250
38	**BM38B-GHDS-G-TF**	22.50	27.00	1,250
40	**BM40B-GHDS-G-TF**	23.75	28.25	1,250

Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated
Housing: PA 9T, UL94V-0, natural (ivory)
Reinforcement: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS2 compliance This product displays (LF)(SN) on a label.

PA 9T type

No. of circuits	Model No.	Dimensions (mm)		Q'ty/ reel
		A	B	
10	**SM10B-GHDS-A-GAN-TF**	5.00	9.50	900
12	**SM12B-GHDS-A-GAN-TF**	6.25	10.75	900
14	**SM14B-GHDS-A-GAN-TF**	7.50	12.00	900
16	**SM16B-GHDS-A-GAN-TF**	8.75	13.25	900
18	**SM18B-GHDS-A-GAN-TF**	10.00	14.50	900
20	**SM20B-GHDS-A-GAN-TF**	11.25	15.75	900
22	**SM22B-GHDS-A-GAN-TF**	12.50	17.00	900
24	**SM24B-GHDS-A-GAN-TF**	13.75	18.25	900
26	**SM26B-GHDS-A-GAN-TF**	15.00	19.50	900
28	**SM28B-GHDS-A-GAN-TF**	16.25	20.75	900
30	**SM30B-GHDS-A-GAN-TF**	17.50	22.00	900
36	**SM36B-GHDS-A-GAN-TF**	21.25	25.75	900
38	**SM38B-GHDS-A-GAN-TF**	22.50	27.00	900
40	**SM40B-GHDS-A-GAN-TF**	23.75	28.25	900

Material and Finish

Contact: Phosphor bronze, nickel-undercoated, selective gold-plated
Housing: PA 9T, UL94V-0, natural (ivory)

RoHS2 compliance
Note: Unlisted in UL.

LCP type

No. of circuits	Model No.	Dimensions (mm)		Q'ty/ reel
		A	B	
12	**SM12B-GHDS-GAN-TF**	6.25	10.75	900
20	**SM20B-GHDS-GAN-TF**	11.25	15.75	900
22	**SM22B-GHDS-GAN-TF**	12.50	17.00	900
30	**SM30B-GHDS-GAN-TF**	17.50	22.00	900

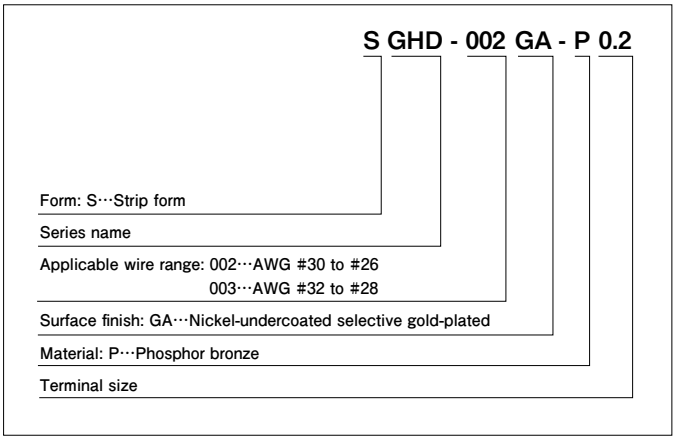
Material and Finish

Contact: Phosphor bronze, nickel-undercoated, selective gold-plated
Housing: LCP, UL94V-0, natural (ivory)

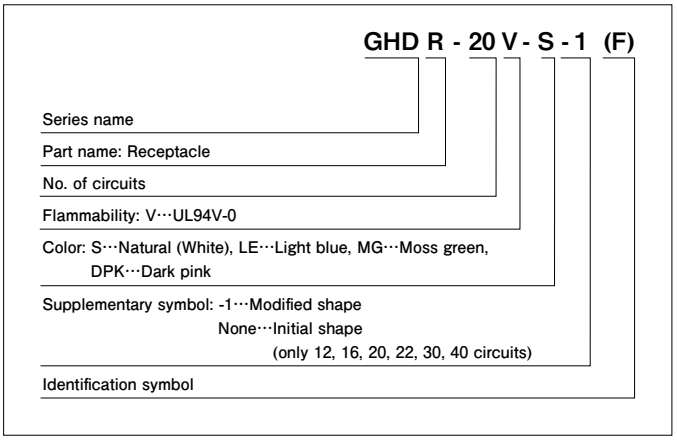
RoHS2 compliance

Model number allocation

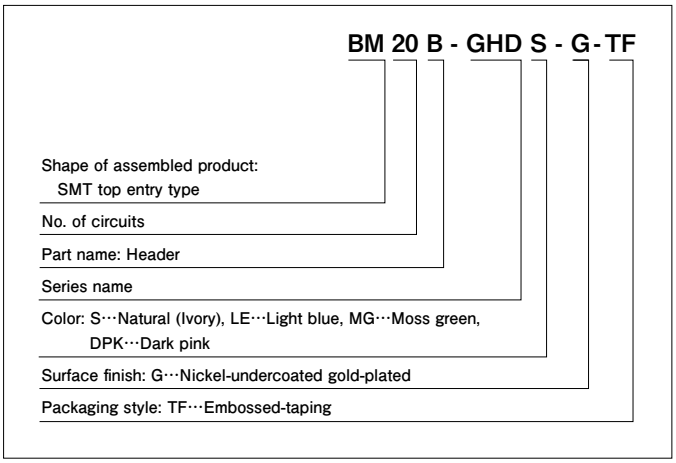
Contact



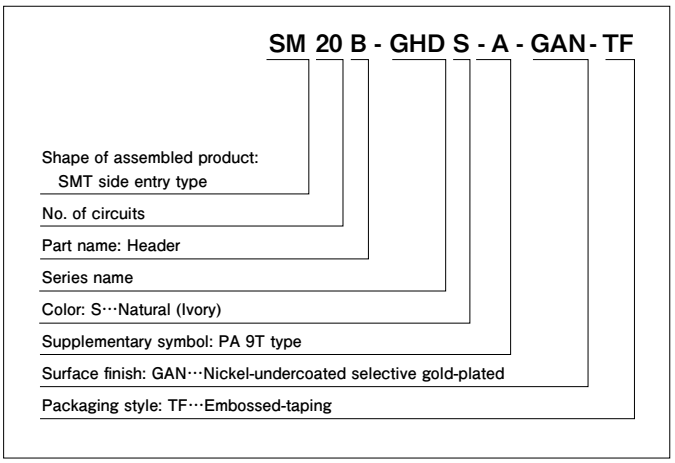
Housing



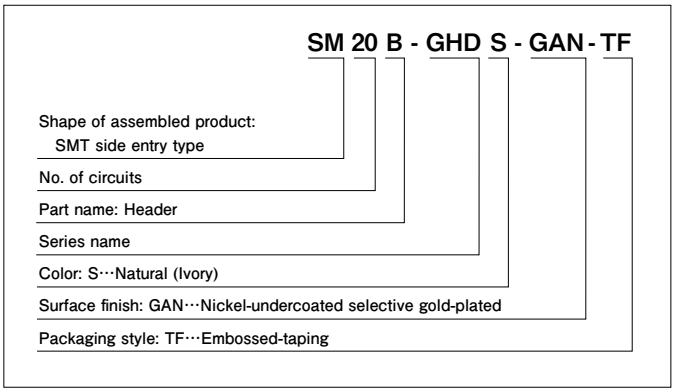
Header (Top entry type)



Header (Side entry type/PA 9T type)



Header (Side entry type/LCP type)



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Global Electronic Components Distributor

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JST:

SM09B-ZESS-TB (LF)(SN) SMP-10V-NC VLS-03V CZHR-14V-S S7B-PH-K-S(LF)(SN) SM08B-NSHSS-TB(LF)(SN) S02B-XASS-1 SMR-02V-B XMS-03V BM24B-ZPDSS-TF (LF)(SN) SMR-10V-N 04P-SJN 8P-SAN BM02B-NSHSS-TBT (LF)(SN) ELR-04V HLP-03V XMR-02V SRC-51T-M4 PSIP-10V-LE RF-H102TD-1130 SJWPST-21T-M1.0N PAP-16V-S SFKR-02V-S PUDP-34V-S WC-491 XARP-05V XADRP-18V 04JQ-BT BM02B-NSHSS-TBT SJ2M-01GF-M1.0N