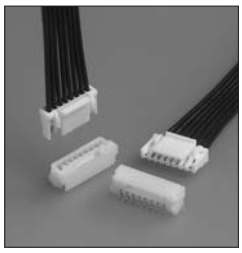
THE DATASHEET OF

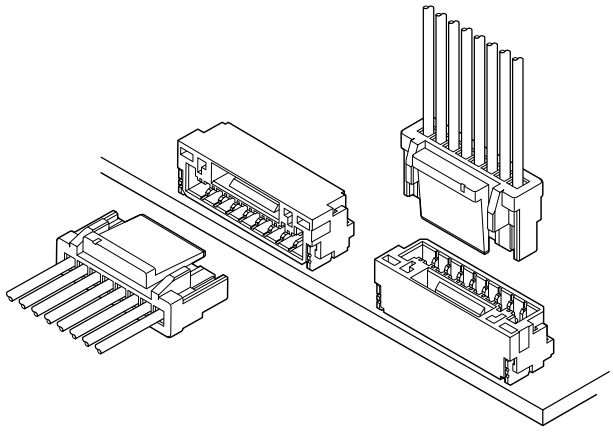
BM14B-GHS-TBT(LF)(SN)(N)



GH CONNECTOR

Emboss Tape

1.25mm pitch/Disconnectable Crimp style connectors



Developed for PDP, LCD or small electronics equipment.
This low insertion force type connector realizes easier mating operation. The basic concept of the contact part of this connector is equivalent to the performance proven SHL connector.

- ***Secure locking structure***
- ***Contact lock structure***
- ***Prevention of contact deformation***
- ***Clear engagement click sounds***

Specifications

- Current rating: 1.0 A AC, DC (AWG #26)
- Voltage rating: 50 V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 30 mΩ max.
  After environmental tests/ 50 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #30 to #26
  Insulation O.D./ 0.76 to 1.0 mm

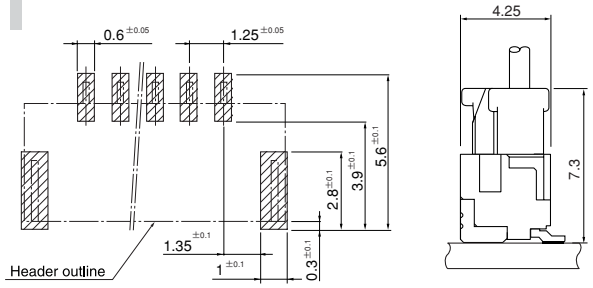
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.
* Compliant with RoHS.

Standards

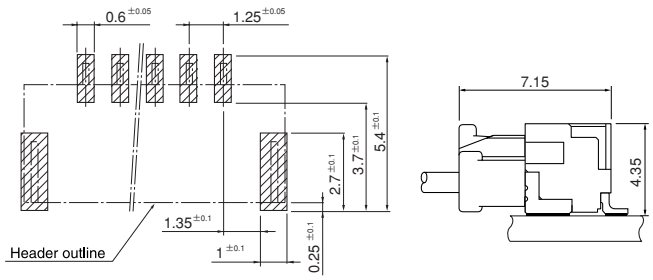
Recognized E60389

PC board layout and Assembly layout

Top entry type

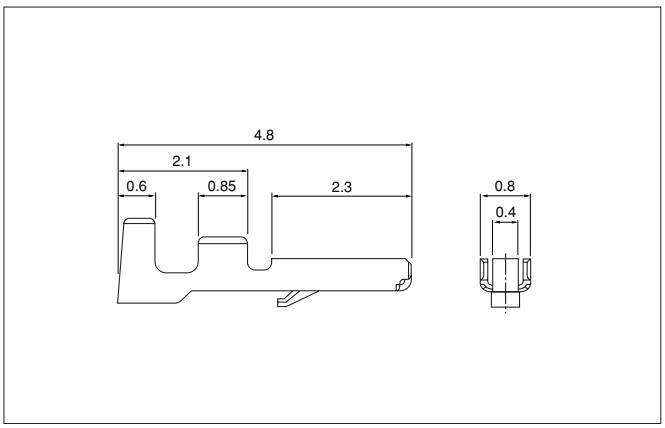


Side entry type



Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
3. The dimensions above should serve as a guideline. Contact JST for details.

Contact



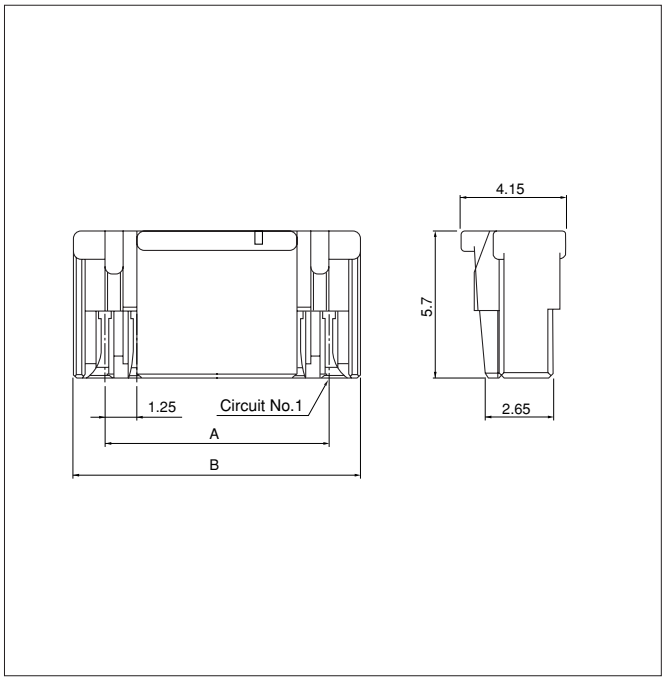
Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm²	AWG#		
SSHL-002T-P0.2	0.05～0.13	30～26	0.76～1.0	35,000

Material and Finish
Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance
Note: 1. Contact JST for gold-plated product.
2. This contact can be applied only for the GH connector.
SSHL-003( )-P0.2 cannot be applied for the GH connector.

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

Housing



Circuits	Model No.	Dimensions (mm)		Q'ty/ bag
		A	B	
2	**GHR-02V-S**	1.25	3.75	3,000
3	**GHR-03V-S**	2.50	5.00	3,000
4	**GHR-04V-S**	3.75	6.25	3,000
5	**GHR-05V-S**	5.00	7.50	3,000
6	**GHR-06V-S**	6.25	8.75	3,000
7	**GHR-07V-S**	7.50	10.00	3,000
8	**GHR-08V-S**	8.75	11.25	3,000
9	**GHR-09V-S**	10.00	12.50	3,000
10	**GHR-10V-S**	11.25	13.75	3,000
11	**GHR-11V-S**	12.50	15.00	3,000
12	**GHR-12V-S**	13.75	16.25	3,000
13	**GHR-13V-S**	15.00	17.50	3,000
14	**GHR-14V-S**	16.25	18.75	3,000
15	**GHR-15V-S**	17.50	20.00	3,000

Material
PBT, UL94V-0, natural (white)

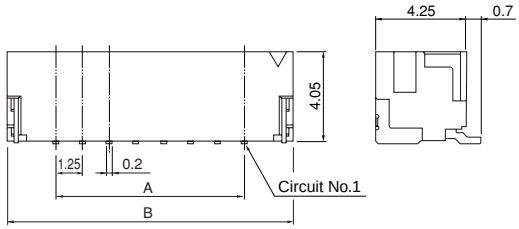
RoHS compliance

<For reference> As the color identification,
the following alphabet shall be put in the underlined part.
For availability, delivery and minimum order quantity, contact JST.

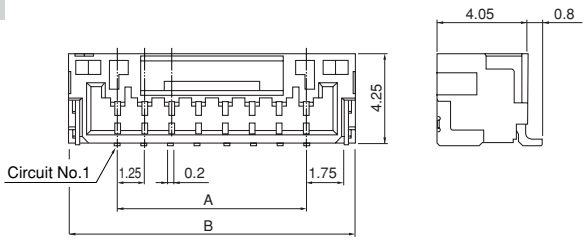
ex. **GHR-04V-S**
S…natural (white) LE…light blue TR…tomato red K…black
E…blue O…orange L…lemon yellow MG…moss green
DPK…dark pink

Shrouded header

Top entry type



Side entry type



Circuits	Model No.		Dimensions (mm)		Q'ty/ reel
	Top entry type	Side entry type	A	B	
2	**BM02B-GHS-TBT**	**SM02B-GHS-TB**	1.25	5.75	2,500
3	**BM03B-GHS-TBT**	**SM03B-GHS-TB**	2.50	7.00	2,500
4	**BM04B-GHS-TBT**	**SM04B-GHS-TB**	3.75	8.25	2,500
5	**BM05B-GHS-TBT**	**SM05B-GHS-TB**	5.00	9.50	2,500
6	**BM06B-GHS-TBT**	**SM06B-GHS-TB**	6.25	10.75	2,500
7	**BM07B-GHS-TBT**	**SM07B-GHS-TB**	7.50	12.00	2,500
8	**BM08B-GHS-TBT**	**SM08B-GHS-TB**	8.75	13.25	2,500
9	**BM09B-GHS-TBT**	**SM09B-GHS-TB**	10.00	14.50	2,500
10	**BM10B-GHS-TBT**	**SM10B-GHS-TB**	11.25	15.75	2,500
11	**BM11B-GHS-TBT**	**SM11B-GHS-TB**	12.50	17.00	2,500
12	**BM12B-GHS-TBT**	**SM12B-GHS-TB**	13.75	18.25	2,500
13	**BM13B-GHS-TBT**	**SM13B-GHS-TB**	15.00	19.50	2,500
14	**BM14B-GHS-TBT**	**SM14B-GHS-TB**	16.25	20.75	2,500
15	**BM15B-GHS-TBT**	**SM15B-GHS-TB**	17.50	22.00	2,500

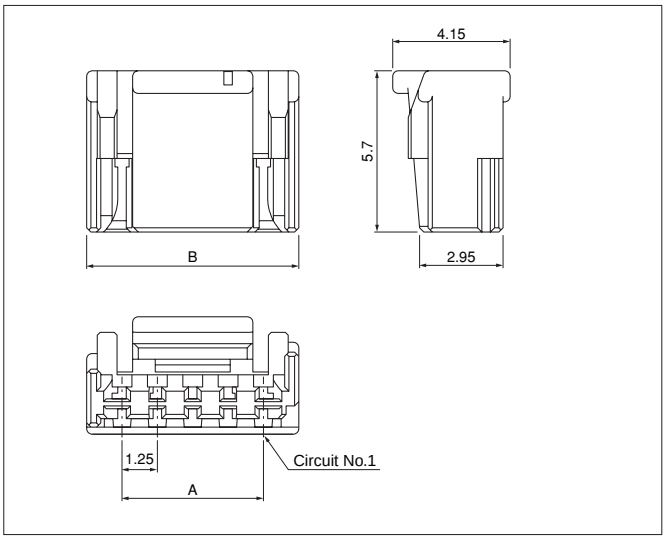
Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) Housing: PA 9T, UL94V-0, natural (ivory) Reinforcement: Brass, copper-undercoated, tin-plated

RoHS compliance *This product displays (LF)(SN) on a label.*
Note: Contact JST for gold-plated product.

<For reference> As the color identification,
the following alphabet shall be put in the underlined part.
For availability, delivery and minimum order quantity, contact JST.

ex. **BM04B-GHS-TBT**
S…natural (ivory) LE…light blue TR…tomato red K …black
E…blue O…orange L…lemon yellow MG…moss green
DPK…dark pink

Housing (Keying pattern A)



Circuits	Model No.	Dimensions (mm)		Q'ty/ bag
		A	B	
2	**GHR-02V-2P**	1.25	3.75	3,000
4	**GHR-04V-2P**	3.75	6.25	3,000
5	**GHR-05V-2P**	5.00	7.50	3,000

Material
PBT, UL94V-0, purple

RoHS compliance

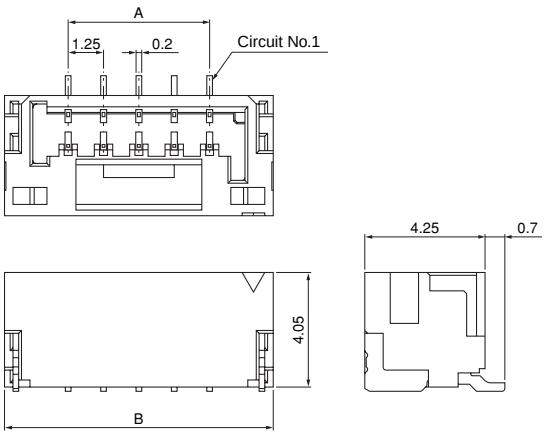
<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. **GHR-04V-2P**

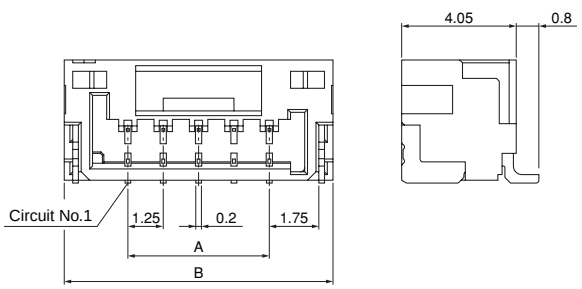
P…purple (for keying pattern A)
HD…dark gray (for keying pattern B)

Shrouded header (Keying pattern A)

Top entry type



Side entry type



Circuits	Model No.		Dimensions (mm)		Q'ty/ reel
	Top entry type	Side entry type	A	B	
2	**BM02B-GHP-A-TBT**	**SM02B-GHP-A-TB**	1.25	5.75	2,500
4	**BM04B-GHP-A-TBT**	**SM04B-GHP-A-TB**	3.75	8.25	2,500
5	**BM05B-GHP-A-TBT**	**SM05B-GHP-A-TB**	5.00	9.50	2,500

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) Housing: PA 9T, UL94V-0, purple Reinforcement: Brass, copper-undercoated, tin-plated

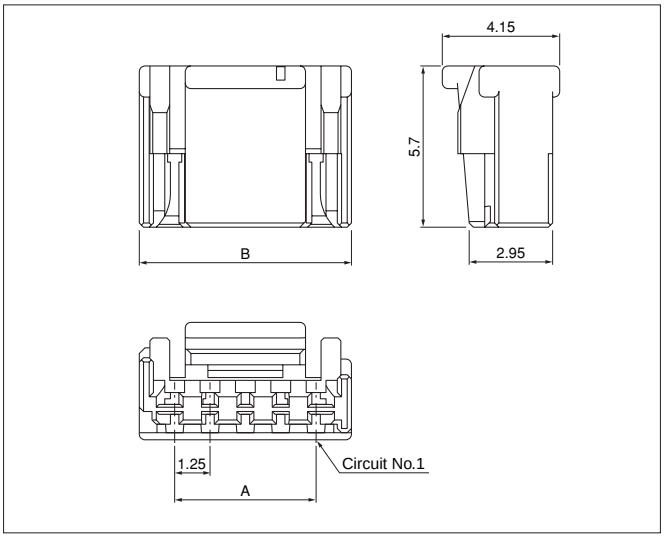
RoHS compliance *This product displays (LF)(SN) on a label.*

<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. **BM04B-GHP-A-TBT**

P…purple (for keying pattern A)
HD…dark gray (for keying pattern B)

Housing (Keying pattern B)



Circuits	Model No.	Dimensions (mm)		Q'ty/ bag
		A	B	
2	**GHR-02V-3HD**	1.25	3.75	3,000
4	**GHR-04V-3HD**	3.75	6.25	3,000
5	**GHR-05V-3HD**	5.00	7.50	3,000

Material
PBT, UL94V-0, dark gray

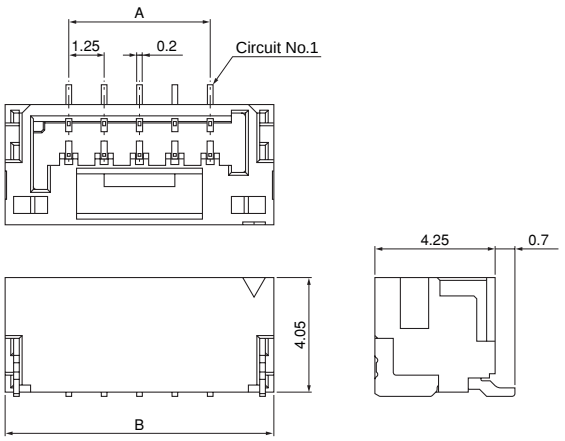
RoHS compliance

<For reference> As the color identification,
the following alphabet shall be put in the underlined part.
For availability, delivery and minimum order quantity, contact JST.

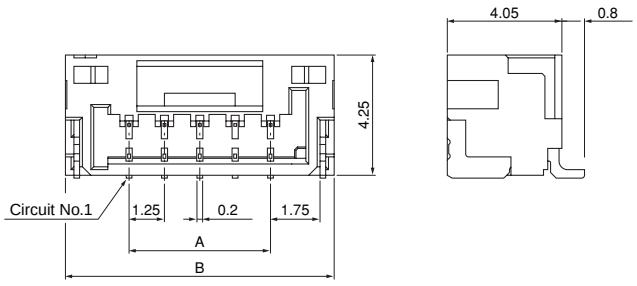
ex. **GHR-02V-3HD**
P…purple (for keying pattern A)
HD…dark gray (for keying pattern B)

Shrouded header (Keying pattern B)

Top entry type



Side entry type



Circuits	Model No.		Dimensions (mm)		Q'ty/ reel
	Top entry type	Side entry type	A	B	
2	**BM02B-GHHD-B-TBT**	**SM02B-GHHD-B-TB**	1.25	5.75	2,500
4	**BM04B-GHHD-B-TBT**	**SM04B-GHHD-B-TB**	3.75	8.25	2,500
5	**BM05B-GHHD-B-TBT**	**SM05B-GHHD-B-TB**	5.00	9.50	2,500

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) Housing: PA 9T, UL94V-0, dark gray Reinforcement: Brass, copper-undercoated, tin-plated

RoHS compliance *This product displays (LF)(SN) on a label.*
Note: Contact JST for gold-plated products.

<For reference> As the color identification,
the following alphabet shall be put in the underlined part.
For availability, delivery and minimum order quantity, contact JST.

ex. **BM04B-GHHD-B-TBT**
P…purple (for keying pattern A)
HD…dark gray (for keying pattern B)

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- Alternative Solution
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