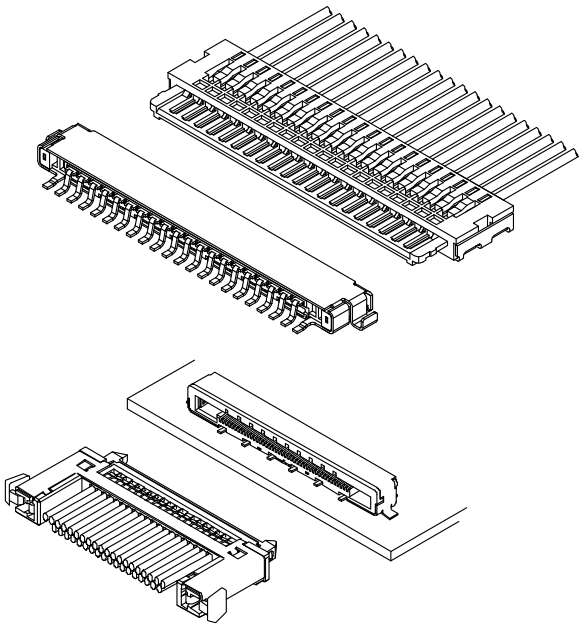
A1001 FI-X CONNECTOR

1.00mm Pitch/Disconnectable Crimp style connectors



- The LVDS crimp style connector.It is used to connect the display screen to the
- main board. Height of 1.65 mm
- Compact, low profile design.

E529482

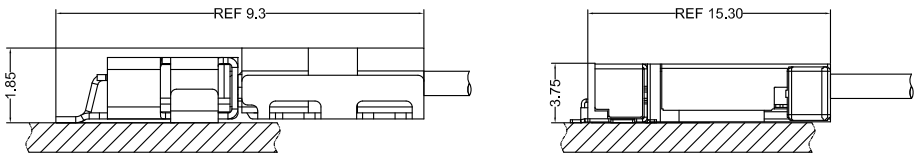
Specifications:

- Current rating: 1.0 A AC,DC (AWG #28)
- Voltage rating: 200 V AC/DC
- Temperature range: -40℃～+105℃
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 40mΩ max
  After environmental testing/ 40mΩ max
- Insulation resistance: 100 MΩ min
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG#36 to #28
  Insulation O.D./ 0.3 to 0.5 mm

* Compliant with RoHS2/ HF/ REACH
* In using the products, refer to "Handling Precautions for Terminals and Connectors "described on our website (Technical documents of Product information page).
* Contact CSG for details

Material:

Housing: PA66,UL94-V0;Color:Natural/ Black
Terminal: Phosphor/ Gold-Plated
Wafer Housing: LCP,UL94-V0;Color:Gray/ Black
Wafer Pin: Phosphor/ Gold-plated/3U"/ 5U"
Wafer Shell: Brass/ Tin-plated



Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.08 mm for all centers.
3.The dimensions above should serve as a guideline.Contact CSG for details.

CSG

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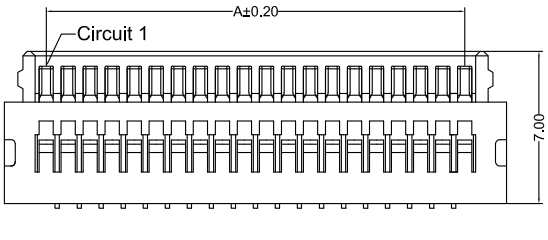
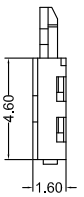
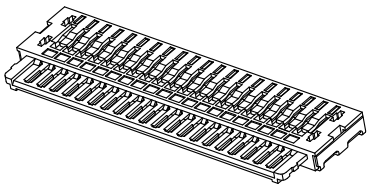
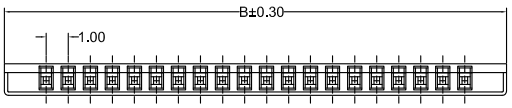
A1001 FI-X



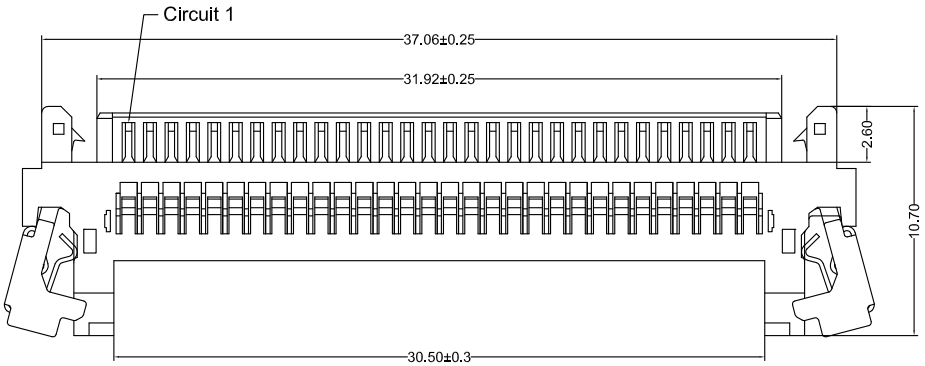


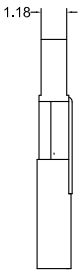


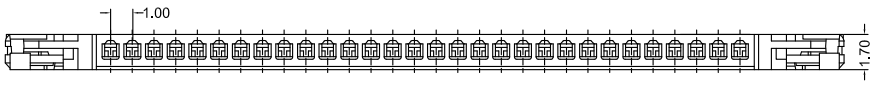


A1001HF 0XX AA P6 A 001
- PIN: 002=2PINS
- SPECIAL: AA=NO Special
- Material: P6=PA66 94V-0
- Code: 001
- Color: A=Natural

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A1001HF020AAP4A001	19.00	23.30	1000PCS
A1001HF030AAP4A001	29.00	33.30	1000PCS







A1001HF 030 AJ P6 A 001
- PIN: 030=30PINS
- SPECIAL: AJ=With hook
- Material: P6=PA66 94V-0
- Code: 001
- Color: A=Natural

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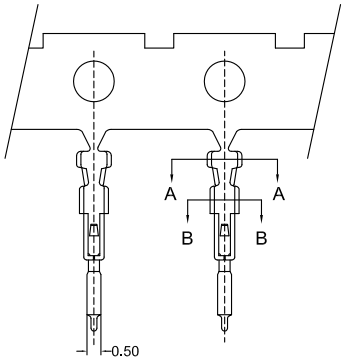
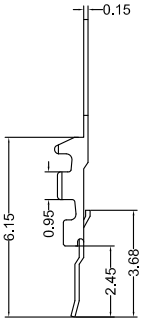
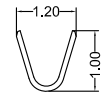
A1001 FI-X



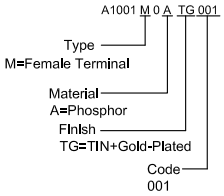




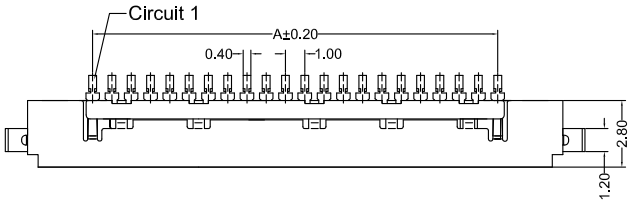
SECTION A-A

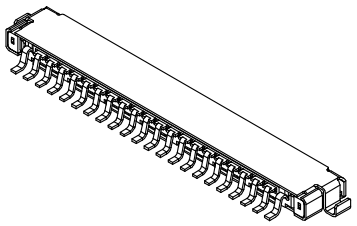


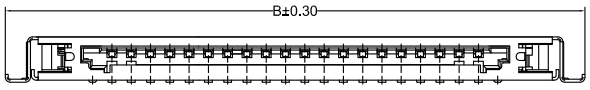
SECTION B-B

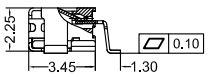


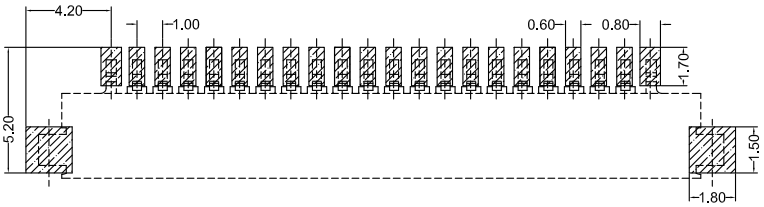
CSG PART NO.	Wire Range	Insulation O.D.	Q'ty/Reel
A1001M0ATG001	AWG#28~#32	0.60mm(max)	25000PCS



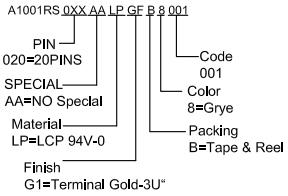








Recommended P.C.B Layout
General Tolerance±0.05



CSG PART NO.	Dimension mm		Q'ty/Reel
	A	B	
A1001RS020AALPG1B8001	21.00	30.05	2600PCS
A1001RS030AALPG1B8001	31.00	40.05	2600PCS

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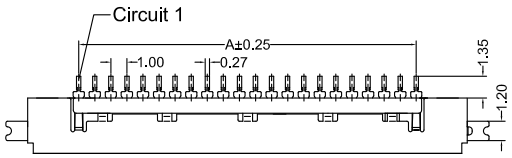
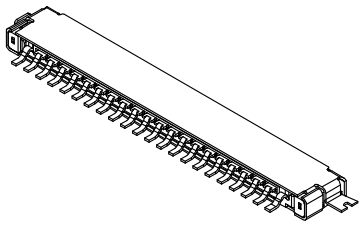
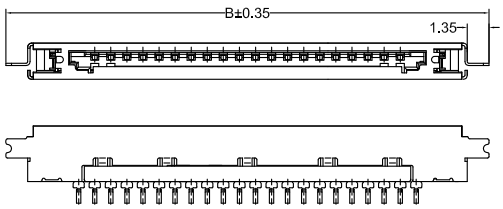
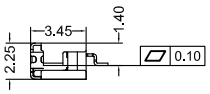
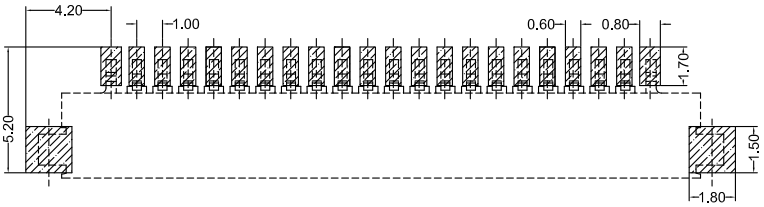
A1001 FI-X









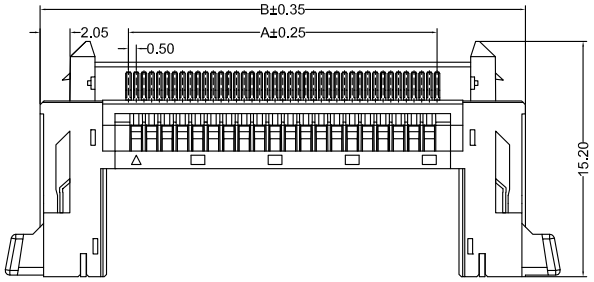


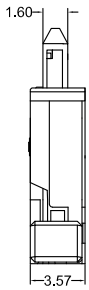
Recommended P.C.B Layout
General Tolerance±0.05

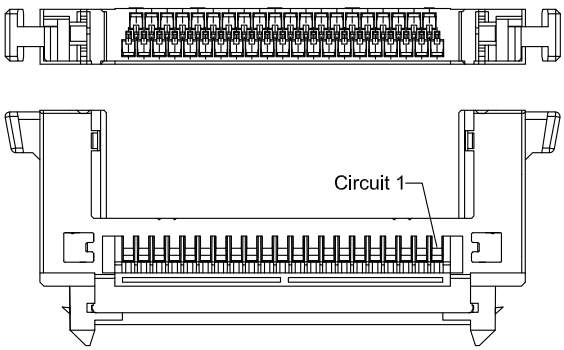
A1001RS 0XX CB LP G1 B 8 001

- PIN: 020=20PINS
- SPECIAL: CB=Sunken plate
- Material: LP=LCP 94V-0
- Finish: G1=Terminal Gold-3U"
- Packing: B=Tape & Reel
- Color: 8=Grye
- Code: 001

CSG PART NO.	Dimension mm		Q'ty/Reel
	A	B	
A1001RS020CBLPG1B8001	19.00	30.05	2600PCS
A1001RS030CBLPG1B8001	29.00	40.05	2600PCS







A1001HF 0XX AJ P6 0 001

- PIN: 041=41PINS
- SPECIAL: AJ=With hook
- Material: P6=PA66 94V-0
- Color: 0=Black
- Code: 001

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A1001HF041AJP60001	20.00	31.50	1000PCS
A1001HF051AJP60001	25.00	36.50	1000PCS

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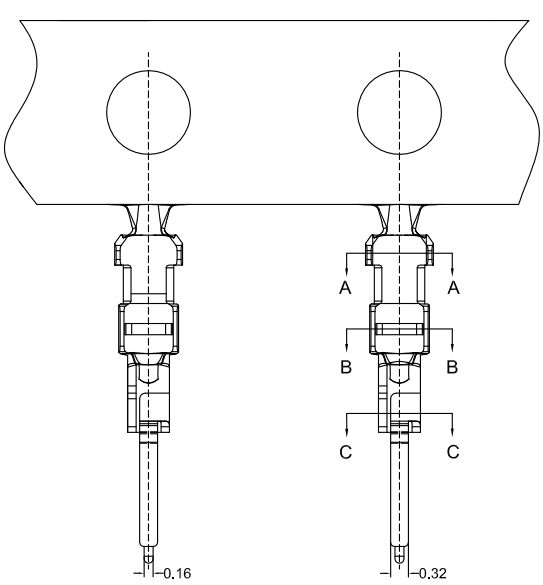
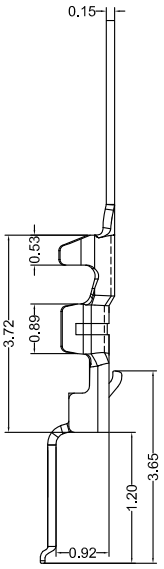
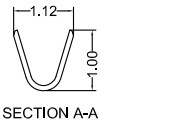
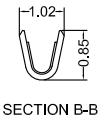
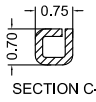
A1001 FI-X

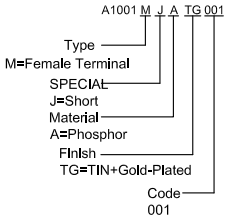




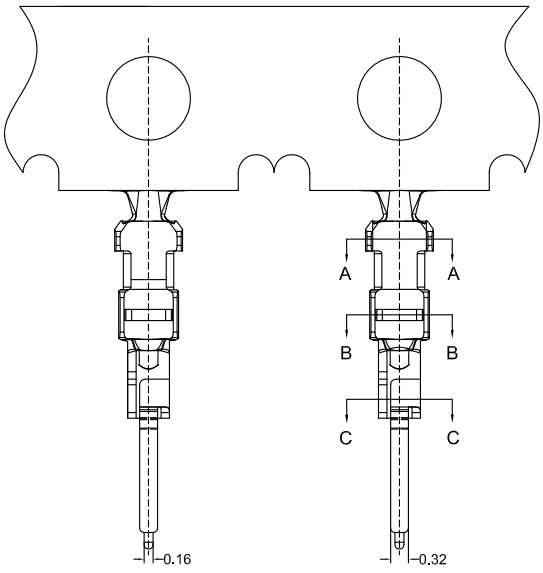


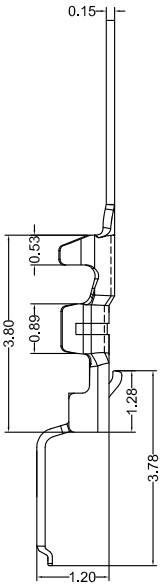


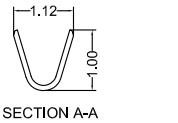


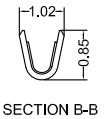


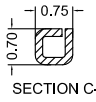
CSG PART NO.	Wire Range	Insulation O.D.	Q'ty/Reel
A1001MJATG001	AWG#28~#32	0.60mm(max)	20000PCS

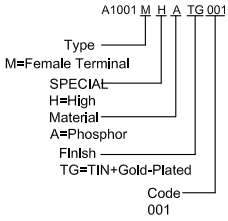












CSG PART NO.	Wire Range	Insulation O.D.	Q'ty/Reel
A1001MHATG001	AWG#28~#32	0.60mm(max)	20000PCS

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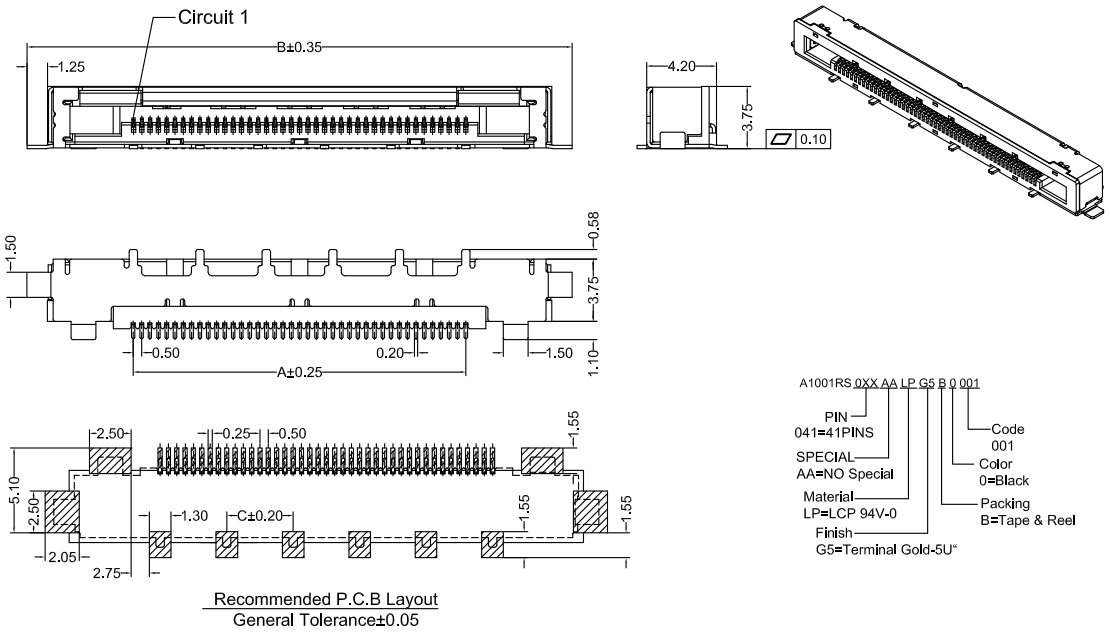

Recommended P.C.B Layout
General Tolerance±0.05

CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A1001RS041AALPG5B0001	20.00	32.85	4.00	1000PCS
A1001RS051AALPG5B0001	25.00	37.85	5.00	1000PCS

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