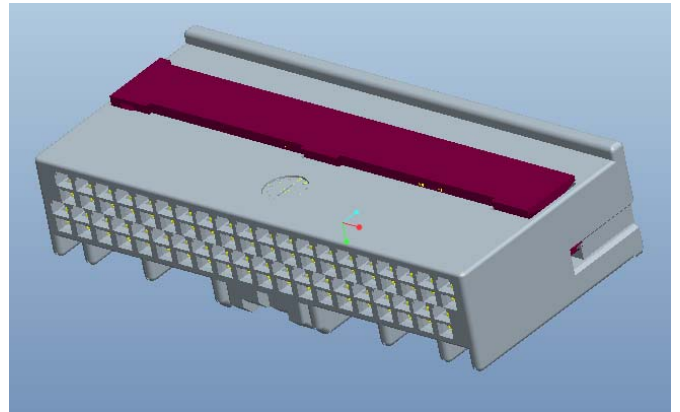
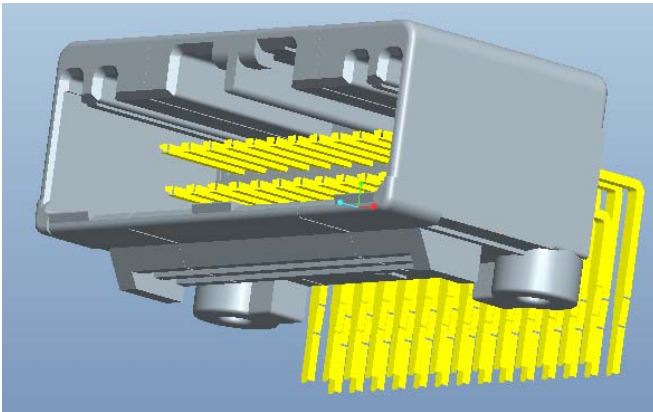


HJBRIGHT®

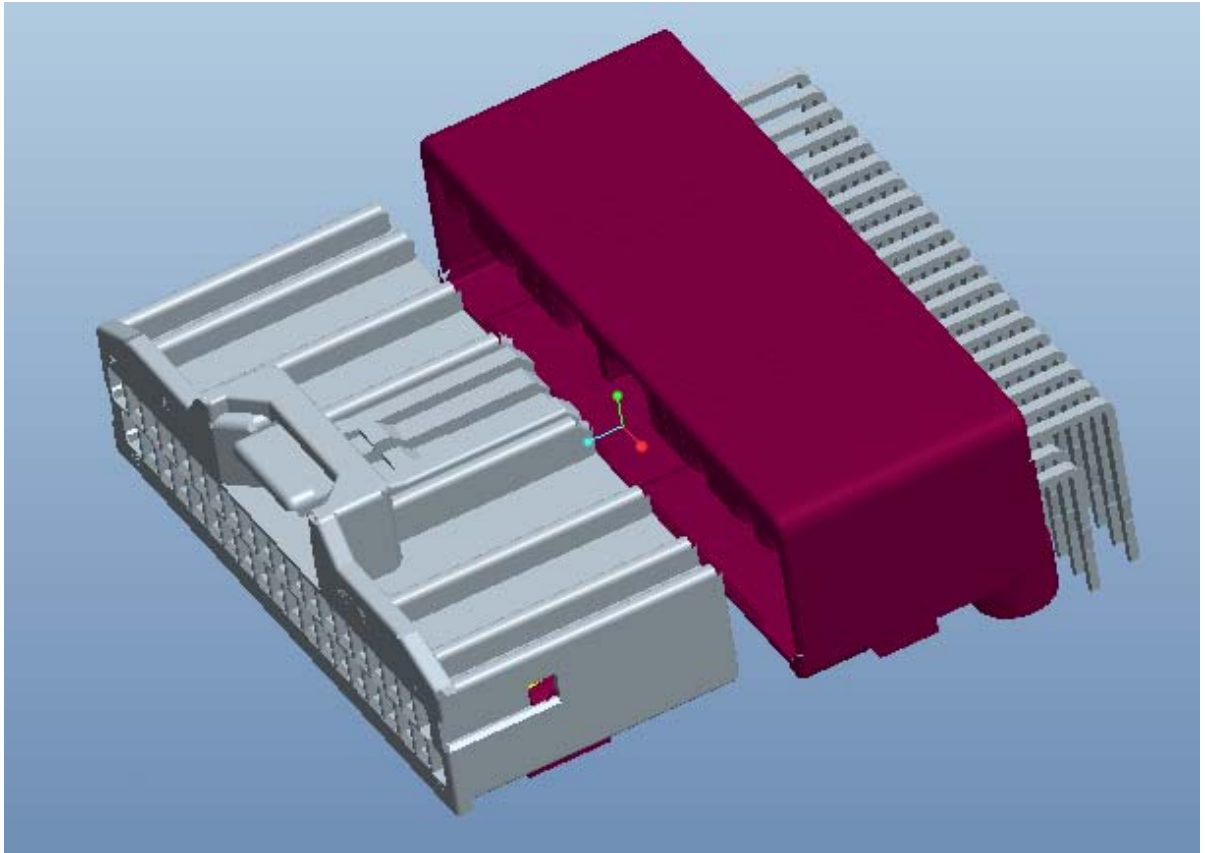
Compact Automotive Connector with 0.64mm Size Terminal

2.2mm Connectors



东莞市华晶电子有限公司
<http://www.hjbright.com>

HJBRIGHT®



Professional connector and wiring harness manufacturer

东莞市华晶电子有限公司

地址:广东省东莞市常平镇黄泥塘禾石路1号3栋

DDR:Building 3, No. 1 Heshi Road, Huangnitang, Changping Town, Dongguan, Guangdong

BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

DDR:Rm. 1105, Lippo Centre Tower 1, 89 Queensway, Admiralty, Hong Kong.

地址: 香港金钟道89号力宝中心第一座11楼1105室

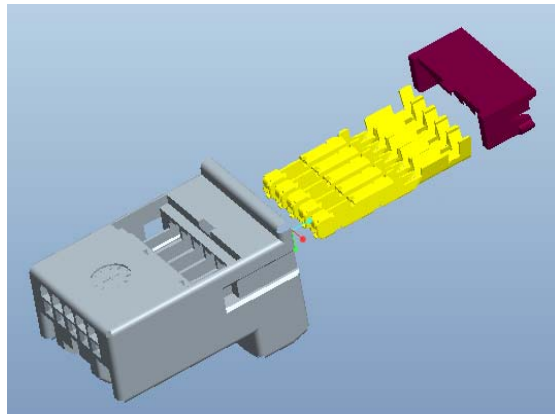
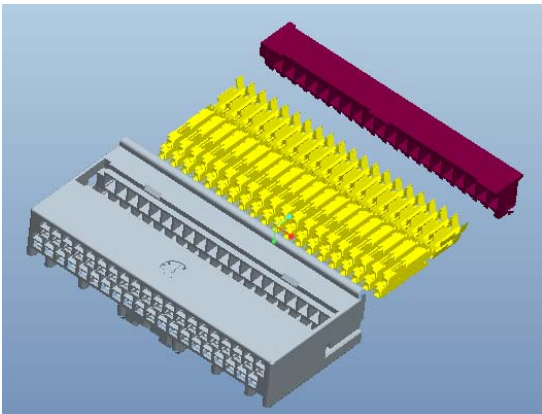
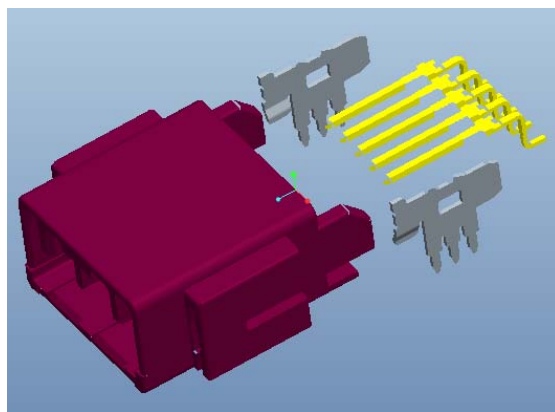
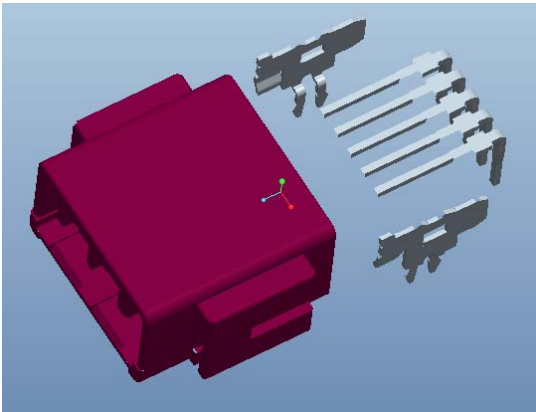
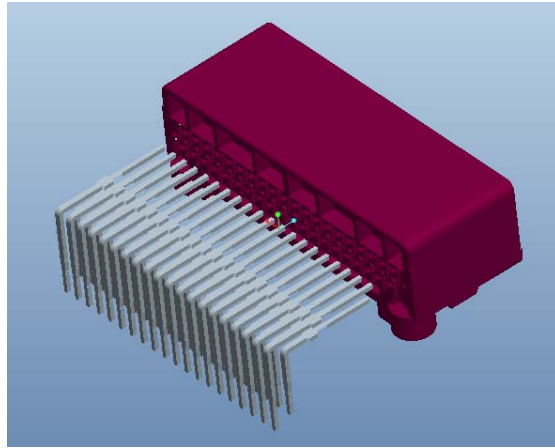
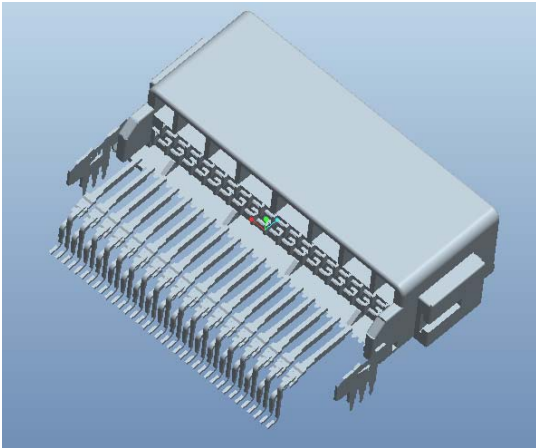
E-mail:billy@hjbright.com

PHONE:18819764786

TEL:0769-81089582

FAX:0769-81089581

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东莞市华晶电子有限公司

地址:广东省东莞市常平镇黄泥塘禾石路1号3栋

DDR:Building 3, No. 1 Heshi Road, Huangnitang, Changping Town, Dongguan, Guangdong

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地址: 香港金钟道89号力宝中心第一座11楼1105室

E-mail:billy@hjbright.com

PHONE:18819764786

TEL:0769-81089582

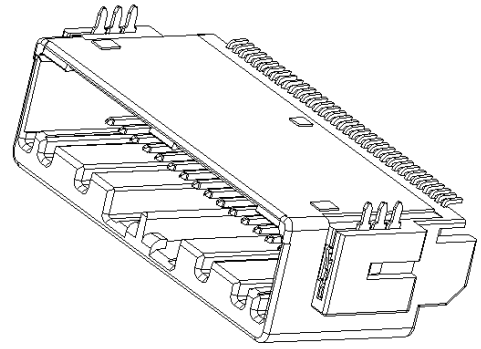
FAX:0769-81089581

2.20mm Pitch Wafer Double Row SMT

Specifications:
 Material And Finish:
 Insulator: PPS UL94V-0 Color:Black
 Contact: Brass
 Plated:See Ordering Information

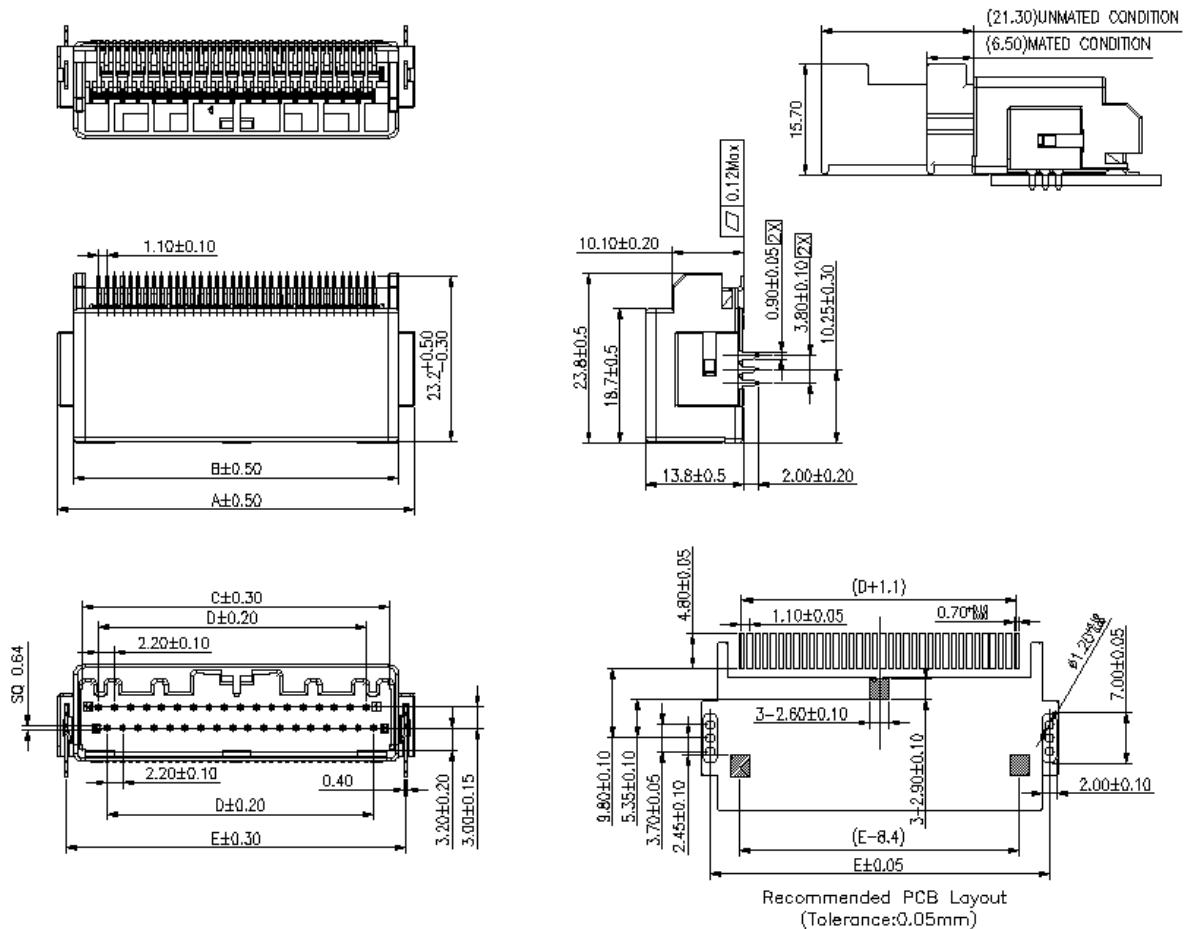
Rating:
 Current Rating: 3.0 Amp
 Voltage Rating:125V AC/DC
 Operating Temperature Range:-40°~+125°C

Electrical:
 Contact resistance: 20m Ohm Max
 Insulator resistance: 500M ohm min.
 Withstanding Voltage: 250V AC/Minute

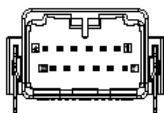


Ordering Information
 A22001H-XXS-01-C
 1 2 3 4 5

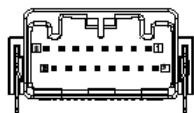
- 1: — Series No.
- 2: — H:Horizontal SMT Type
- 3: — No. of Positions
- 4: — S: Matte Tin Plated
- 5: — C: In Tray



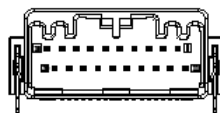
2.20mm Pitch Wafer Double Row SMT



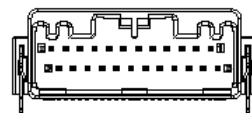
12P



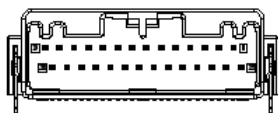
16P



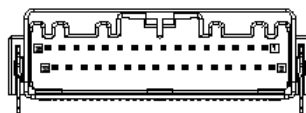
20P



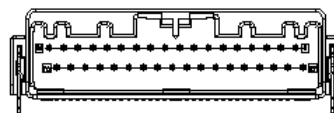
24P



28P



32P



36P

Pin	Dimension				
	A	B	C	D	E
12P	23.70	19.10	16.70	11.00	21.10
16P	28.10	23.50	21.10	15.40	25.50
20P	32.50	27.90	25.50	19.80	29.90
24P	36.90	32.30	29.90	24.20	34.30
28P	41.30	36.70	34.30	28.60	38.70
32P	45.70	41.10	38.70	33.00	43.10
36P	50.10	45.50	43.10	37.40	47.50

2.20mm Pitch Wafer Double Row R/A

Specifications:

Material And Finish:

Insulator: PPS UL94V-0 Color:Black

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 3.0 Amp

Voltage Rating:125V AC/DC

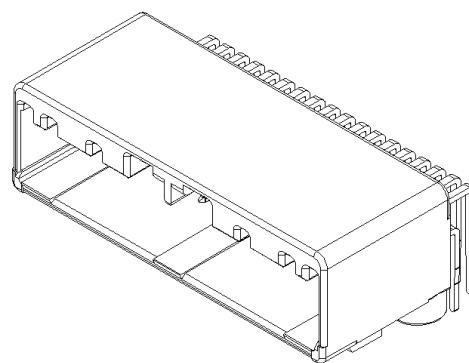
Operating Temperature Range: $-40^{\circ}\sim+125^{\circ}\text{C}$

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance: 500M ohm min.

Withstanding Voltage: 250V AC/Minute



Ordering Information

A22001R-XXS-01-C

 $\overline{1} \quad \overline{2} \quad \overline{3} \quad \overline{4} \quad \overline{6}$

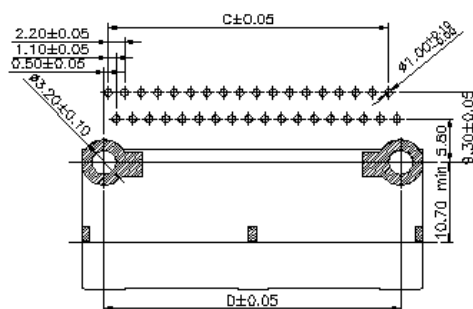
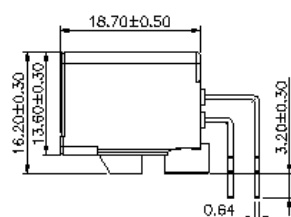
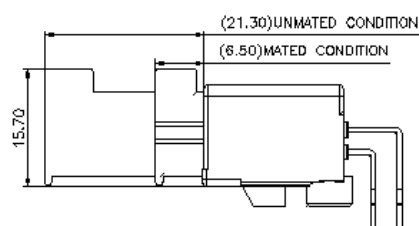
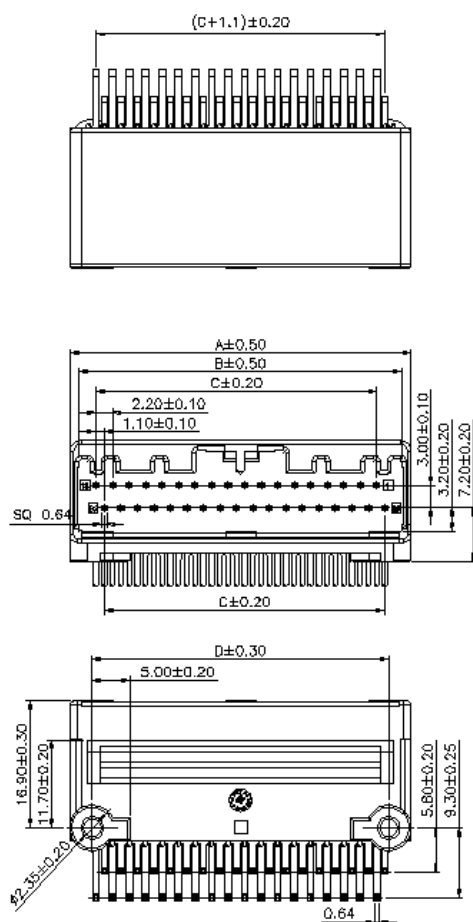
1: — Series No.

2:—R:R/A Type

3:—No. of Positions

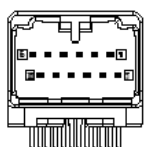
4:—S: Matte Tin Plated

5:—C: In Tray

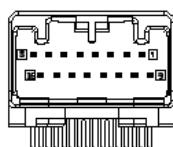


Recommended PCB Layout
(Tolerance:0.05mm)

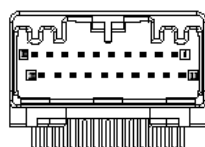
2.20mm Pitch Wafer Double Row R/A



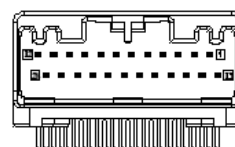
12P



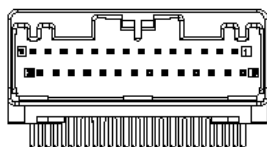
16P



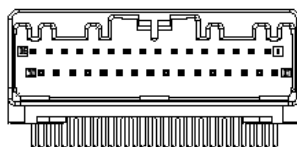
20P



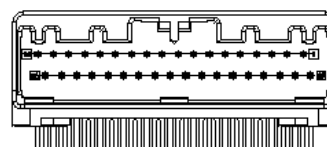
24P



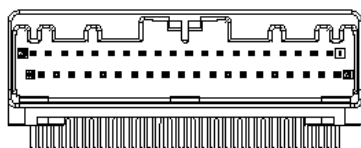
28P



32P



36P



40P

Pin	Dimension			
	A	B	C	D
12P	19.10	16.70	11.00	13.10
16P	23.50	21.10	15.40	17.50
20P	27.90	25.50	19.80	21.90
24P	32.30	29.90	24.20	26.30
28P	36.70	34.30	28.60	30.70
32P	41.10	38.70	33.00	35.10
36P	45.50	43.10	37.40	39.50
40P	49.90	47.50	41.80	43.90

2.20mm Pitch Wafer Single Row SMT

Specifications:

Material And Finish:

Insulator: PPS UL94V-0 Color:Black

Contact: Brass

Plated:See Ordering Information

Rating:

Current Rating: 3.0 Amp

Voltage Rating:125V AC/DC

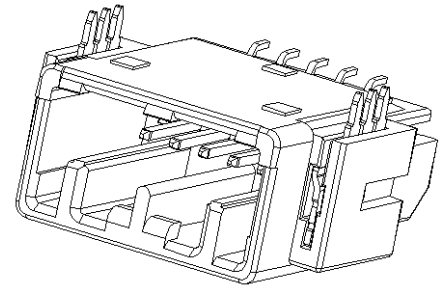
Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance: 500M ohm min.

Withstanding Voltage: 250V AC/Minute



Ordering Information

A2201H-XXS-02-C

1 2 3 4 5

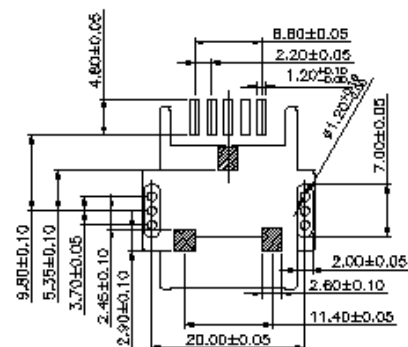
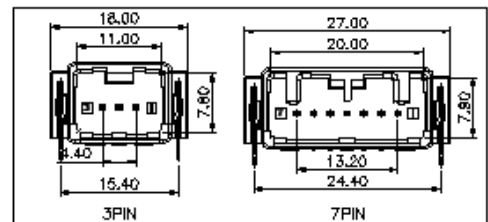
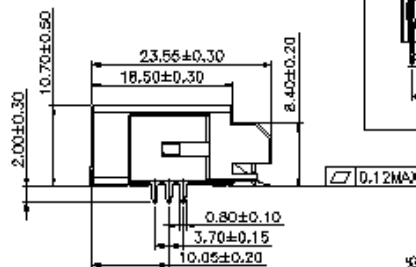
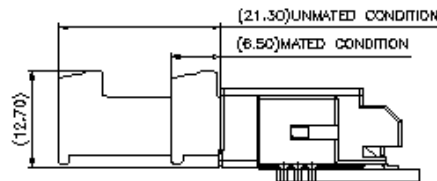
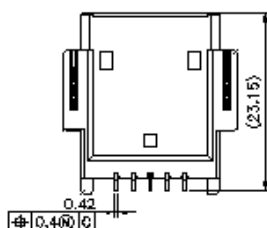
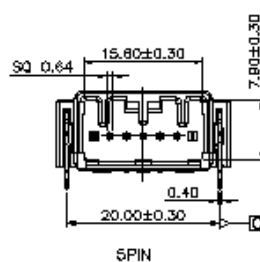
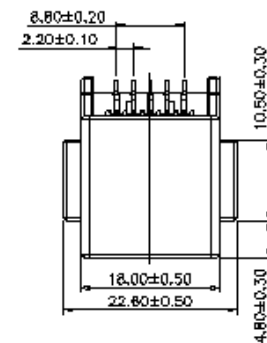
1: — Series No.

2: — H:Horizontal SMT Type

3: — No. of Positions

4: — S: Matte Tin Plated

5: — C: In Tray



Recommended PCB Layout
(Tolerance:0.05mm)

2.20mm Pitch Wafer Single Row

Specifications:

Material And Finish:

Insulator: PPS UL94V-0 Color:Black

Contact: Brass

Plated:See Ordering Information

Rating:

Current Rating: 3.0 Amp

Voltage Rating:125V AC/DC

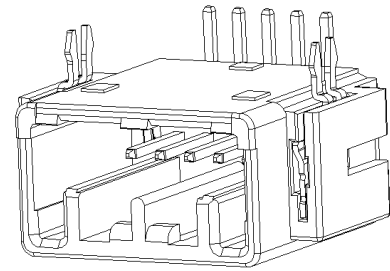
Operating Temperature Range: -40°~+125°C

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance: 500M ohm min.

Withstanding Voltage: 250V AC/Minute



Ordering Information

A2201R-XXS-02-C

1 2 3 4 5

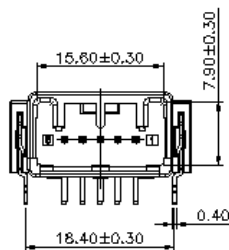
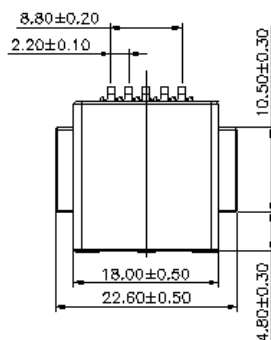
1: — Series No.

2: — R/R/A Type

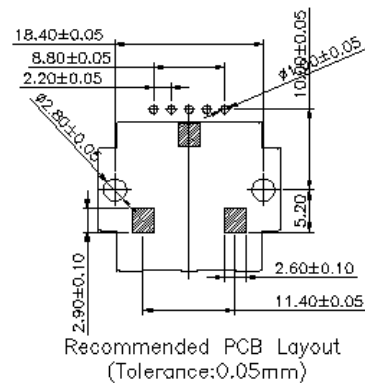
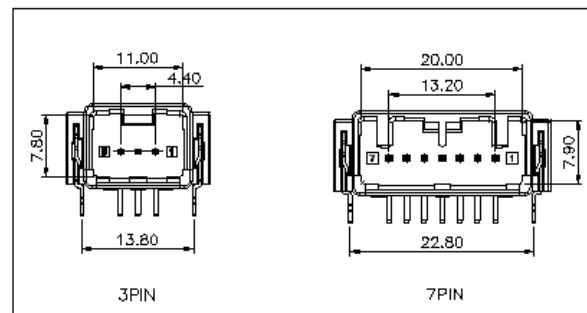
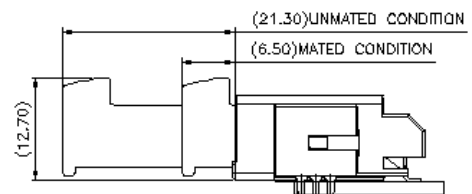
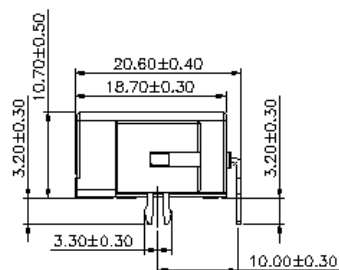
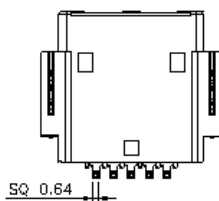
3: — No. of Positions

4: — S: Matte Tin Plated

5: — C: In Tray



5PIN



2.20mm Pitch Housing Double Row

Specifications:

Material And Finish:

Insulator: PPE+PA66 UL94V-0 Color:Gray

Retainer: PPE+PA66 UL94V-0 Color:Black

Contact: High Conductivity Copper Alloy

Plated:See Ordering Information

Rating:

Current Rating: 3.0 Amp

Voltage Rating:125V AC/DC

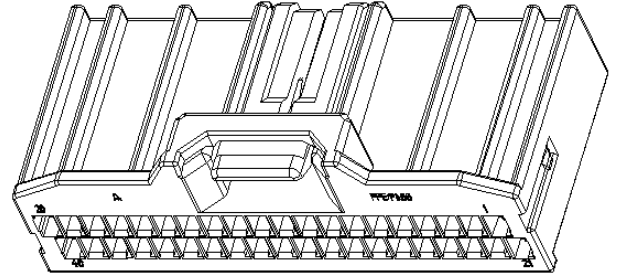
Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance: 500M ohm min.

Withstanding Voltage: 250V AC/Minute

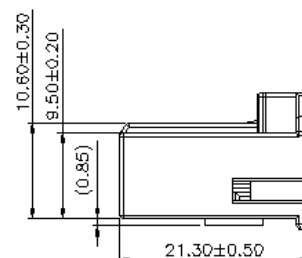
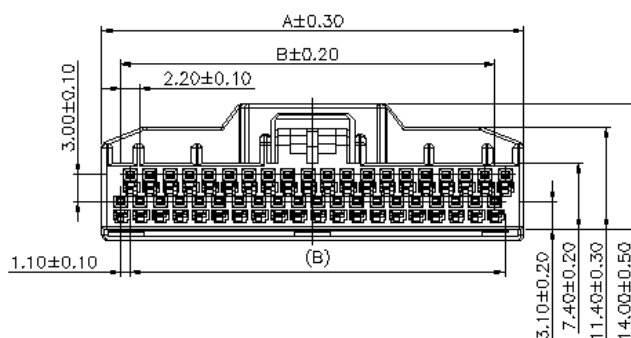
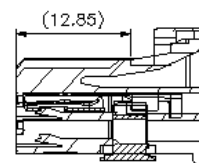
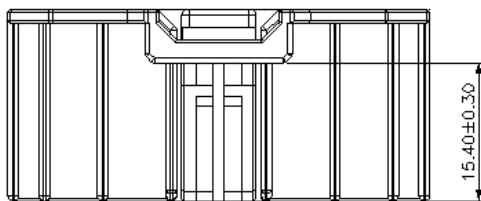
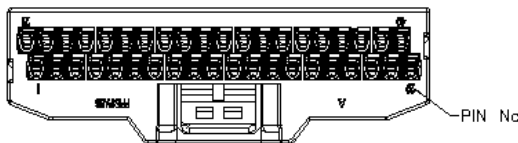


Ordering Information

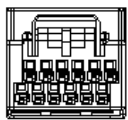
H22001M-XXP-01-XA

1 2 3 4 5

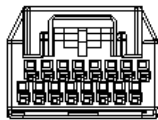
- 1: — Series No.
- 2: — M:Male Housing
- 3: — No. of Positions
- 4: — B:Black
GR:Gray
- 5: — A: In Bag



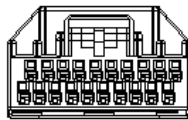
2.54mm Connectors



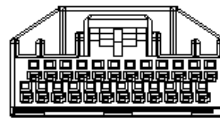
12P



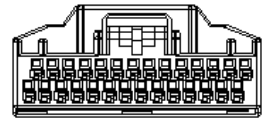
16P



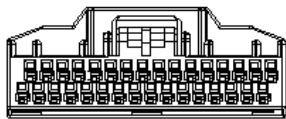
20P



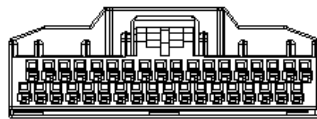
24P



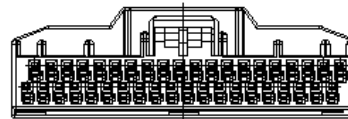
28P



32P



36P



40P

Pin	Dimension	
	A	B
12P	16.30	11.00
16P	20.70	15.40
20P	25.10	19.80
24P	29.50	24.20
28P	33.90	28.60
32P	38.30	33.00
36P	42.70	37.40
40P	47.10	41.80

2.20mm Pitch Housing Single Row

Specifications:

Material And Finish:

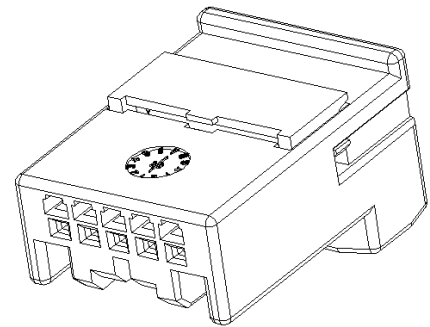
Insulator: PPE+PA66 UL94V-0 Color:Gray
 Retainer: PPE+PA66 UL94V-0 Color:Black
 Contact: High Conductivity Copper Alloy
 Plated:See Ordering Information

Rating:

Current Rating: 3.0 Amp
 Voltage Rating:125V AC/DC
 Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance: 20m Ohm Max
 Insulator resistance: 500M ohm min.
 Withstanding Voltage: 250V AC/Minute

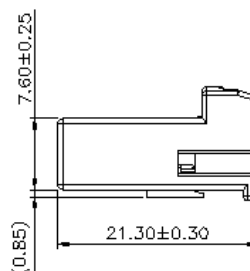
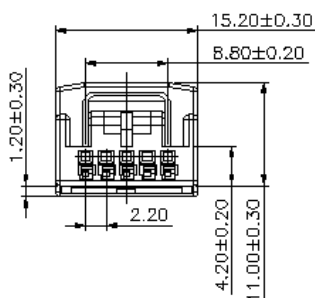
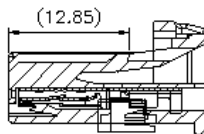
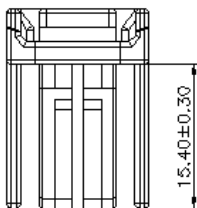
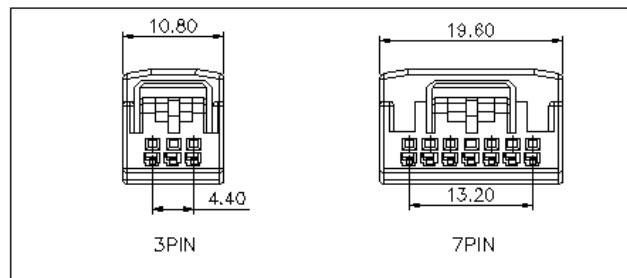
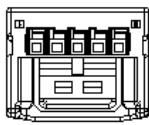


Ordering Information

H22001M-XXP-02-XA

1 2 3 4 5

- 1: — Series No.
- 2: — M:Male Housing
- 3: — No. of Positions
- 4: — B:Black
GR:Gray
- 5: — A: In Bag



2.2mm Pitch Female Terminal

Specifications:
Material:T2
Mating cycles:50

Ordering Information
H22001TF-CX-01
1 2 2

- 1: — Series No.
2: — TF:Female Terminal
3: — AG:Silvering Plated
S:Matte Tin Plated
Q:Tin Plated

