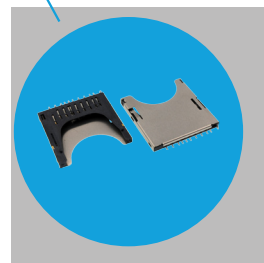
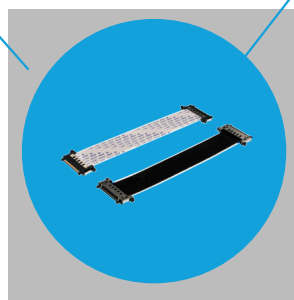
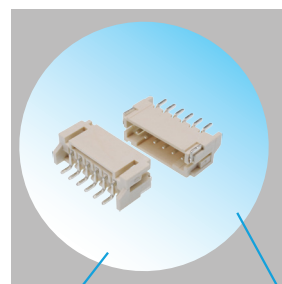
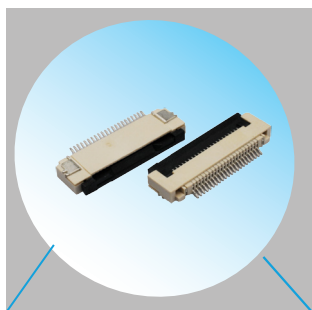


QWYCONN[®]

Professional
Connector
Manufacturer

深圳市启威源电子有限公司

SHENZHEN QIWEIYUAN ELECTRONIC CO.,LTD.



RoHS

所有生产工艺及原材料均
符合欧盟 RoHS 环保指令

PRODUCTION WORKSHOP 生产车间





Quadratic machine



Punch



Reflow Soldering



Projector



FFC cable machine



Injection molding machine



Automatic assembly machine

PRODUCTION
EQUIPMENT 生产设备

BUSINESS CERTIFICATE 企业证书

SGS

Test Report No. SX2EC190278306 Date: 11 Mar 2019 Page 1 of 5

SHENZHEN DERUI ELECTRONIC CO., LTD
NO.485,SONGKANG GUANGSHEN ROAD,BAGAN DISTRICT,SHENZHEN CITY
CHINA

The following sample(s) were submitted and identified on behalf of the clients as : LCP natural

SGS Job No.: RP19-002607 - SZ
Date of Sample Received: 28 Feb 2019
Testing Period: 28 Feb 2019 - 09 Mar 2019
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to next page(s).
Test Results: Please refer to next page(s).
Conclusion: Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polychlorinated biphenyls (PCBs), Polychlorinated diphenyl ethers (PCDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Diethyl phthalate (DEP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Sunny
Approved Signatory

SGS

Test Report No. SX2EC190278301 Date: 11 Mar 2019 Page 1 of 4

SHENZHEN DERUI ELECTRONIC CO., LTD
NO.485,SONGKANG GUANGSHEN ROAD,BAGAN DISTRICT,SHENZHEN CITY
CHINA

The following sample(s) were submitted and identified on behalf of the clients as : Brass C260

SGS Job No.: RP19-002607 - SZ
Date of Sample Received: 28 Feb 2019
Testing Period: 28 Feb 2019 - 09 Mar 2019
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to next page(s).
Test Results: Please refer to next page(s).
Conclusion: Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Sunny
Approved Signatory

SGS

Test Report (SVHC) No. SX2EC190278307 Date: 11 Mar 2019 Page 1 of 18

SHENZHEN DERUI ELECTRONIC CO., LTD
NO.485,SONGKANG GUANGSHEN ROAD,BAGAN DISTRICT,SHENZHEN CITY
CHINA

The following sample(s) were submitted and identified on behalf of the clients as : FPC CONNECTORS

SGS Job No.: RP19-002607 - SZ
Date of Sample Received: 28 Feb 2019
Testing Period: 28 Feb 2019 - 09 Mar 2019
Test Requested: As requested by client, SVHC screening is performed according to:
(i) One hundred and ninety seven (197) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 15, 2019 regarding Regulation (EC) No 1831/2006 concerning the REACH.
(ii) Additional One (1) Substances of Very High Concern (SVHC) identified by the notification of REACH on Feb 7, 2019.
Please refer to next page(s).

Test Results: According to the specified scope and evaluation screening, the test results of SVHC are **PASS** $\leq 0.1\%$ (wt%) in the submitted sample.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

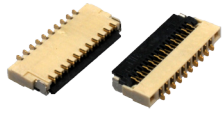
Killy Xu
Approved Signatory



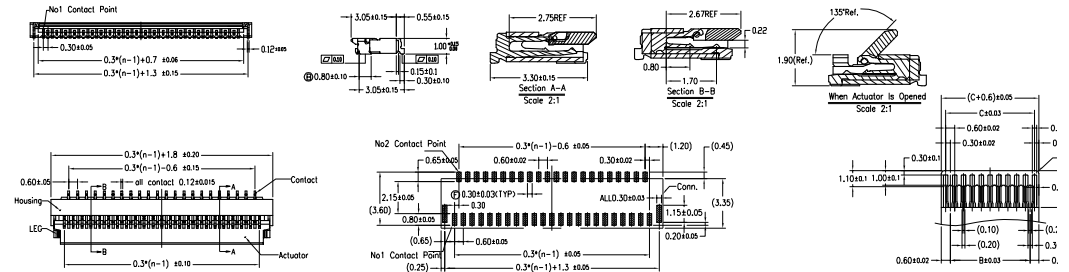
CONTENTS | 目录

● FPC 连接器系列	FPC connector	<u>01</u>
● FFC 排线系列	FFC cable	<u>16</u>
● 贴片针座系列	Wafer connector	<u>18</u>
● 插件针座系列	DIP wafer connector	<u>30</u>
● LVDS 系列	LVDS connector	<u>32</u>
● 板对板	Board to board connector	<u>33</u>
● 卡座	Card connector	<u>34</u>
● USB 系列	USB connector	<u>37</u>
● 排针排母	Pin header and female header	<u>38</u>

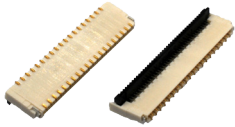
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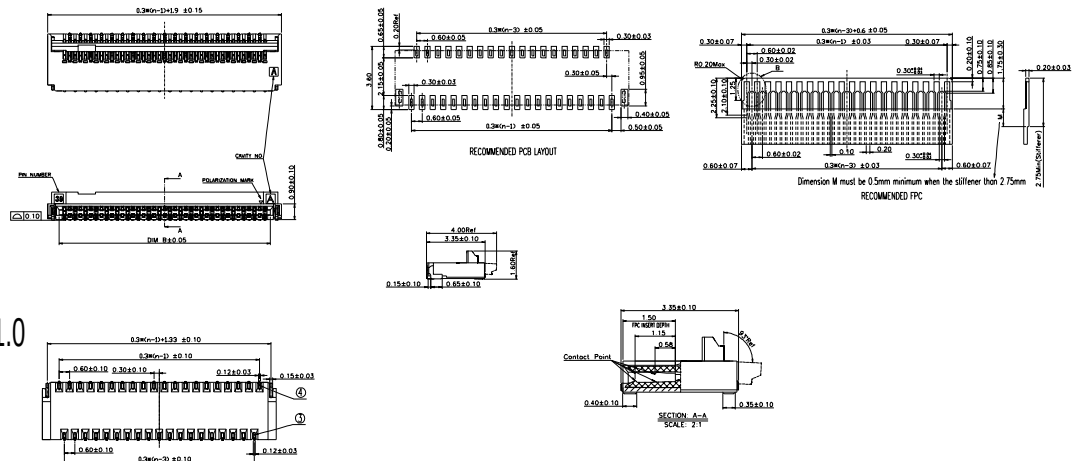
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0310-nRL-GF



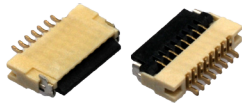
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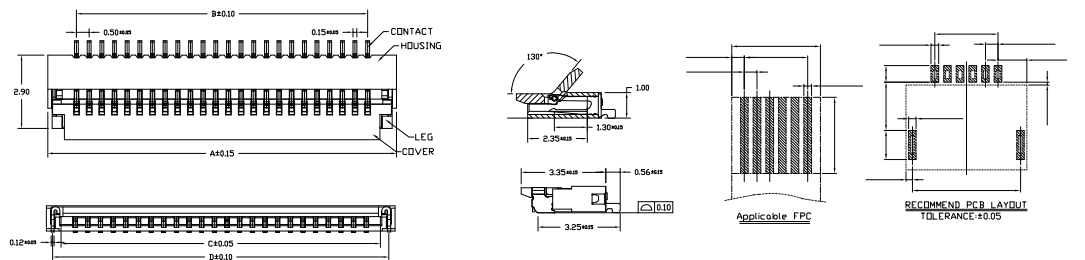
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0310-GX-nPWB



03



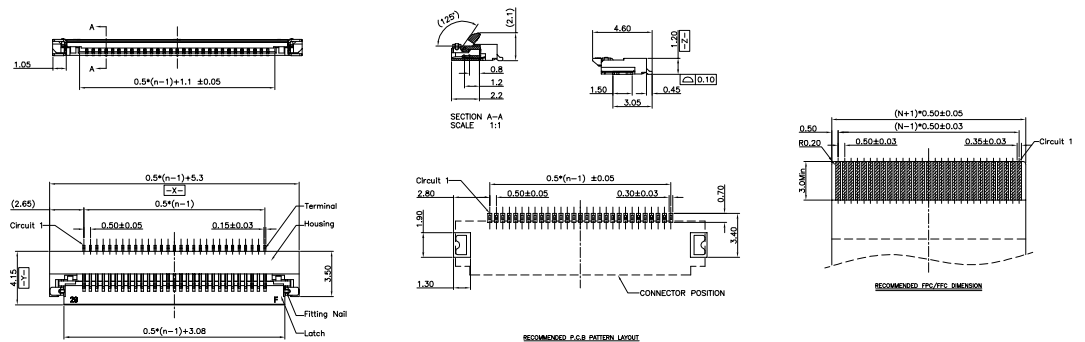
0.5 Flip-lock Type, H1.0
0510-nRL-GF



04



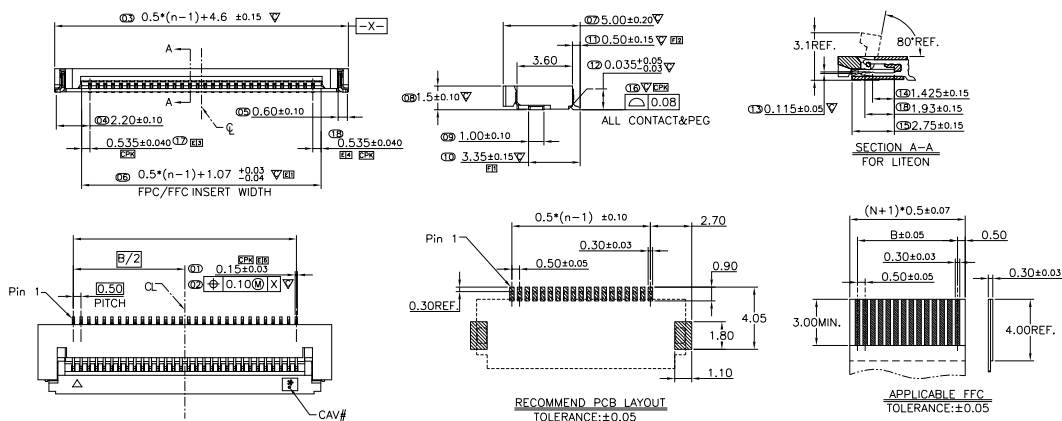
0.5 Flip-lock Type, H1.2
0512-DX-nPWB



05



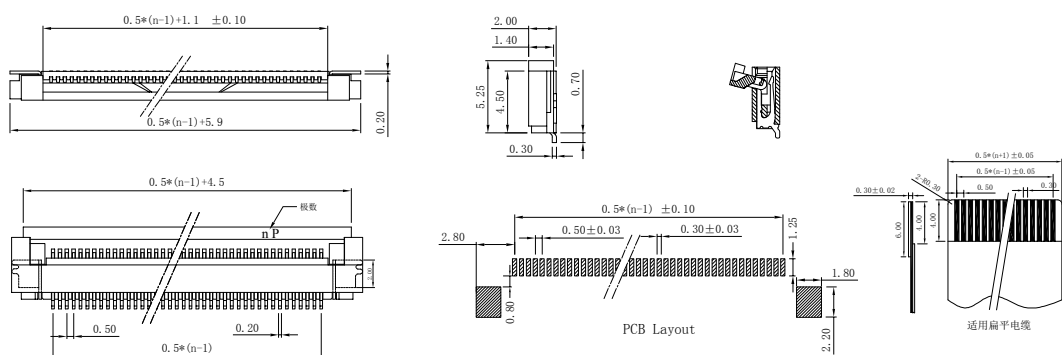
0.5 Flip-lock Type,H1.5
0515-nCL-SN



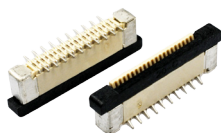
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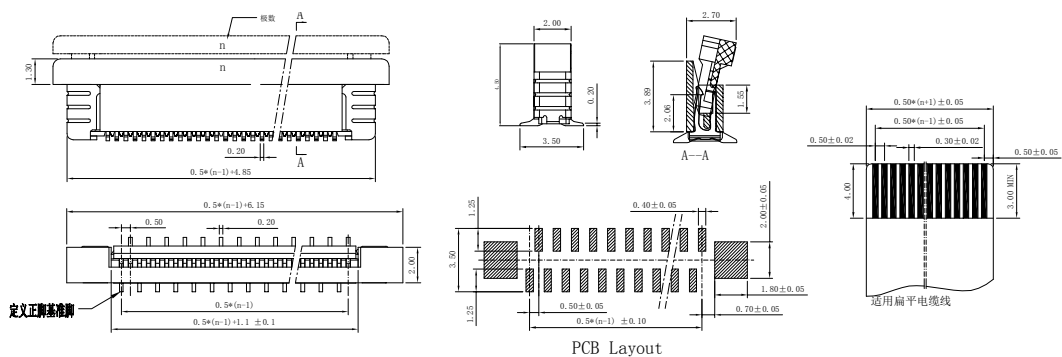
0.5 Flip-lock Type, H2.0
0.5K-DX-nPWB



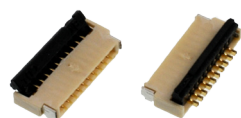
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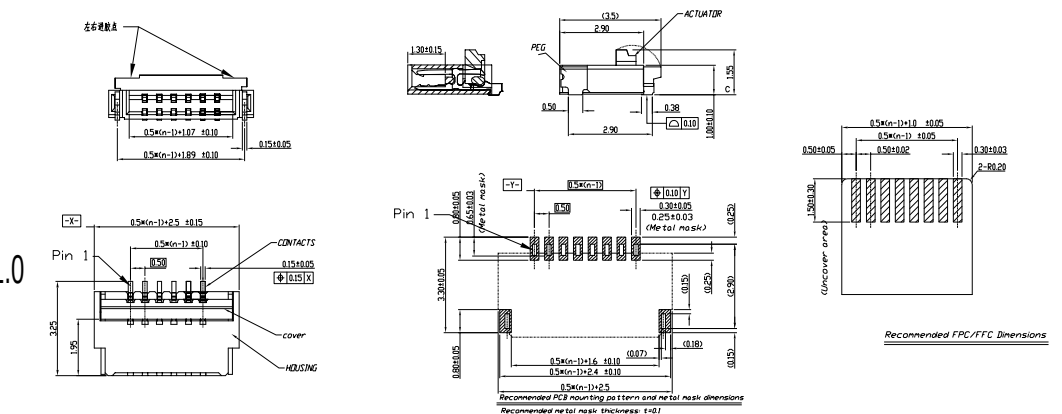
0.5 Vertical Type
0.5K-A-nPB



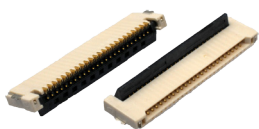
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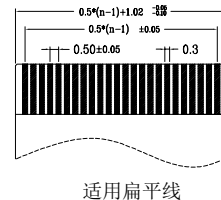
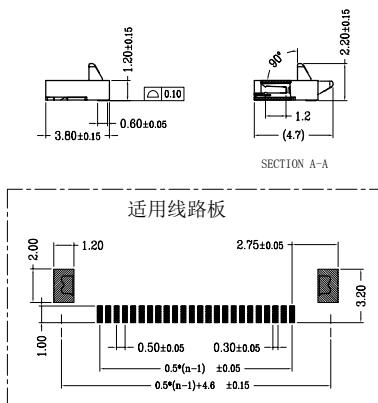
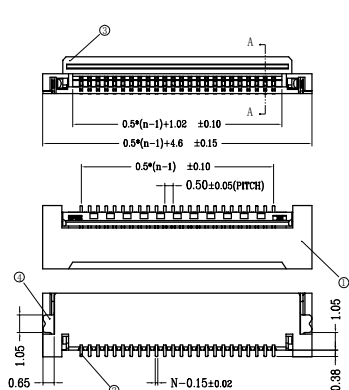
0.5 Back Flip-lock Type,H1.0 0510-GX-nPWB



9



0.5 Back Flip-lock Type, H1.2
0512-GX-nPWB

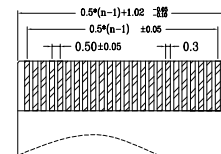
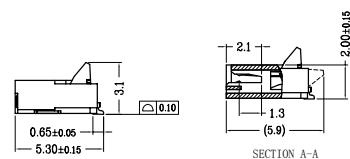
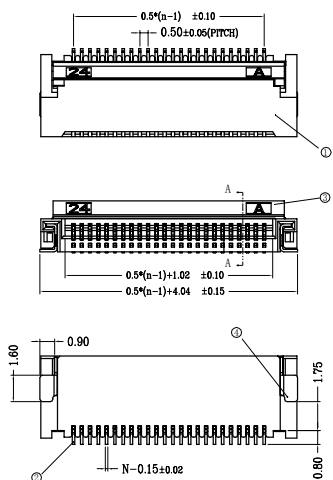


适用扁平线

10

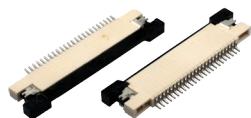


0.5 Back Flip-lock Type, H2.0
05K-GX-nPWB

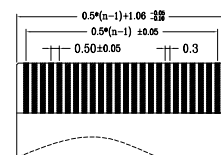
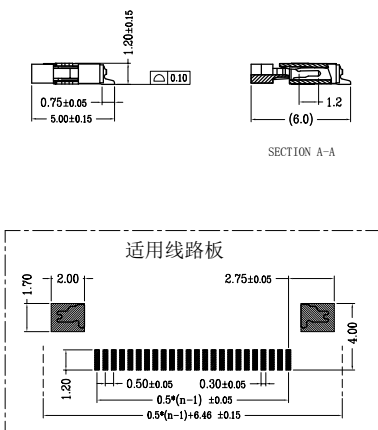
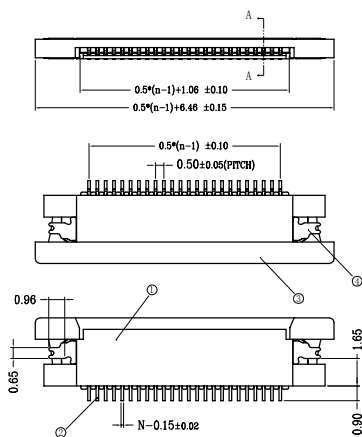


适用扁平线

11

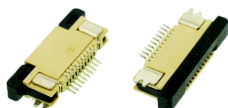


0.5 Top Contact, H1.2
0512-nRU-SN

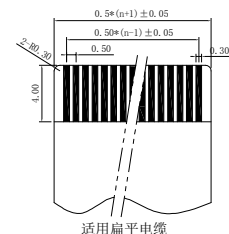
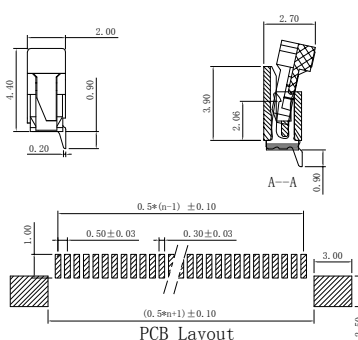
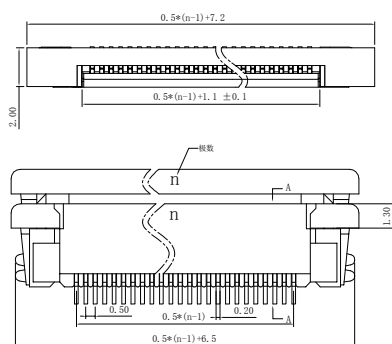


适用扁平线

12



0.5 Half Coverage
Top Contact, H2.0
05K-BS-nPWB

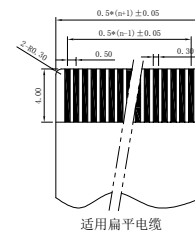
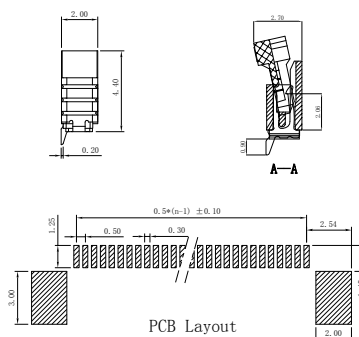
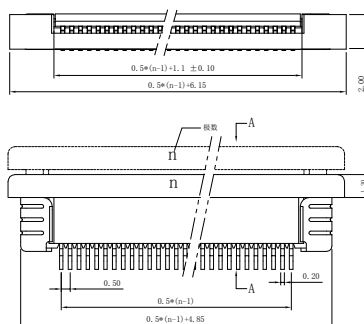


适用扁平电缆

13

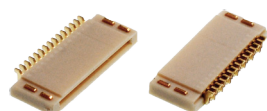


0.5 Top Contact, H2.0
0.5K-AS-nPWB

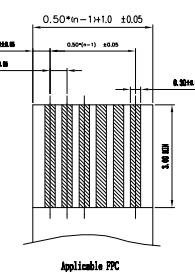
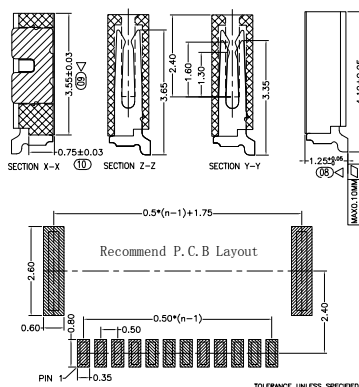
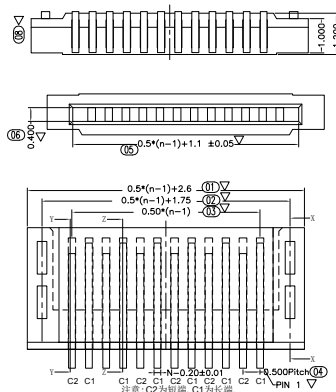


适用扁平电缆

14



0.5 Dual Contact
Horizontal Type, H1.2
0512-nR-GF

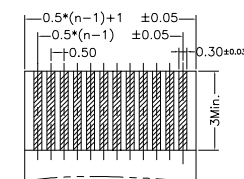
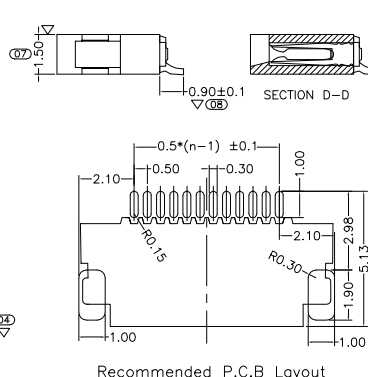
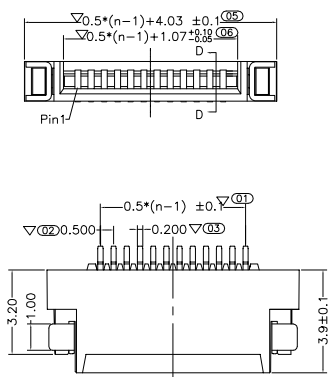


Applicable FPC

15

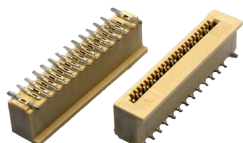


0.5 Dual Contact
Horizontal Type, H1.5
0515-nR-SN

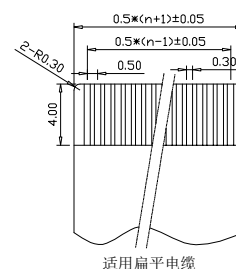
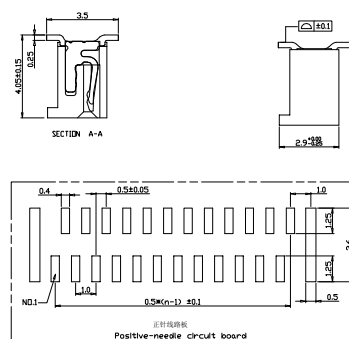
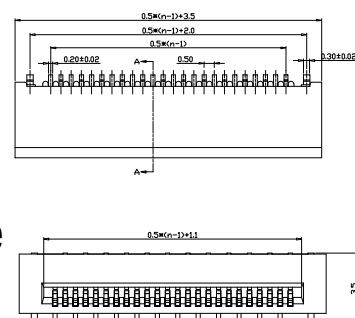


Applicable FPC

16



0.5 NON-ZIF Vertical Type
0.5-E-nPB

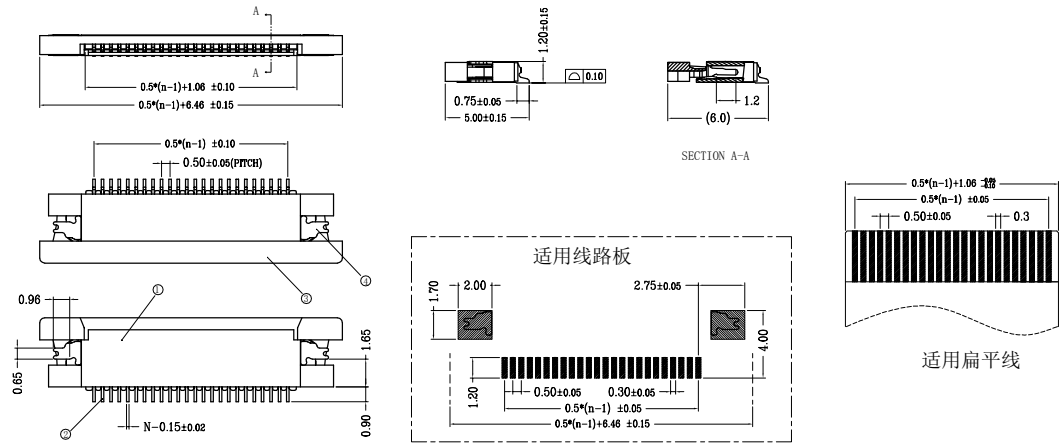


适用扁平电缆

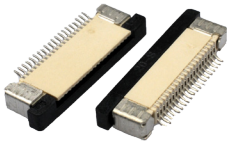
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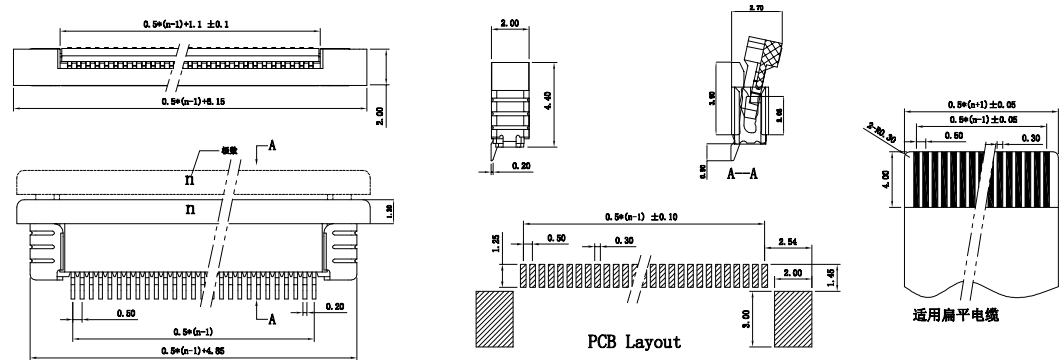
0.5 Bottom Contact, H1.2
0512-nRL-SN



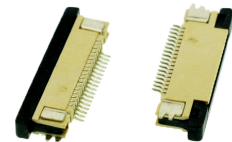
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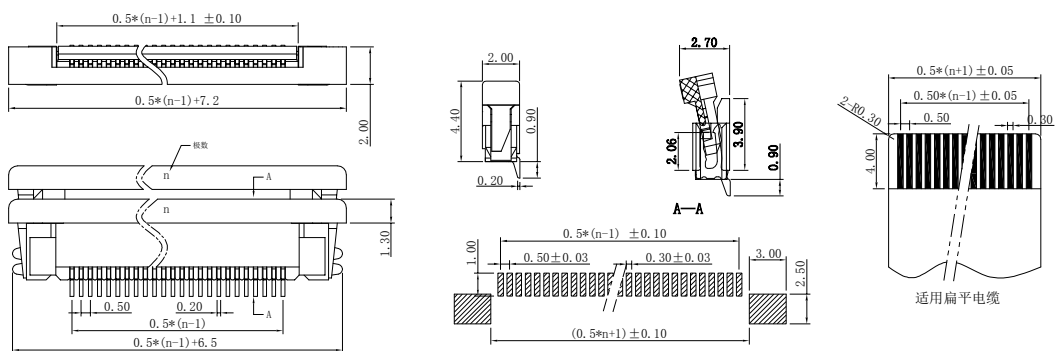
0.5 Bottom Contact, H2.0
05K-AX-nPWB



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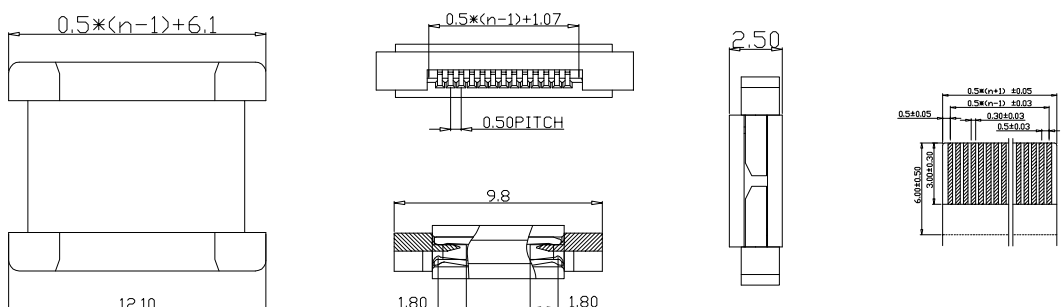
0.5 Half Coverage
Bottom Contact, H2.0
05K-BX-nPWB



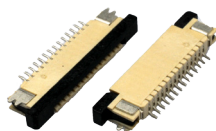
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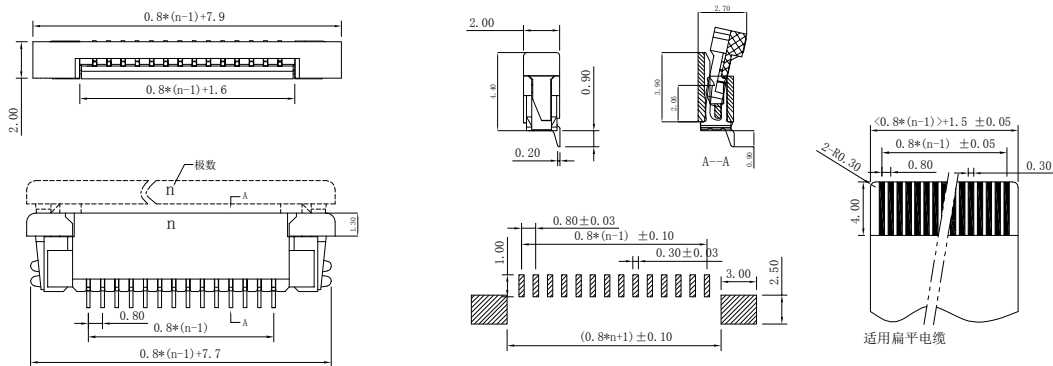
0.5 Adapter, H2.5



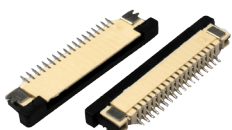
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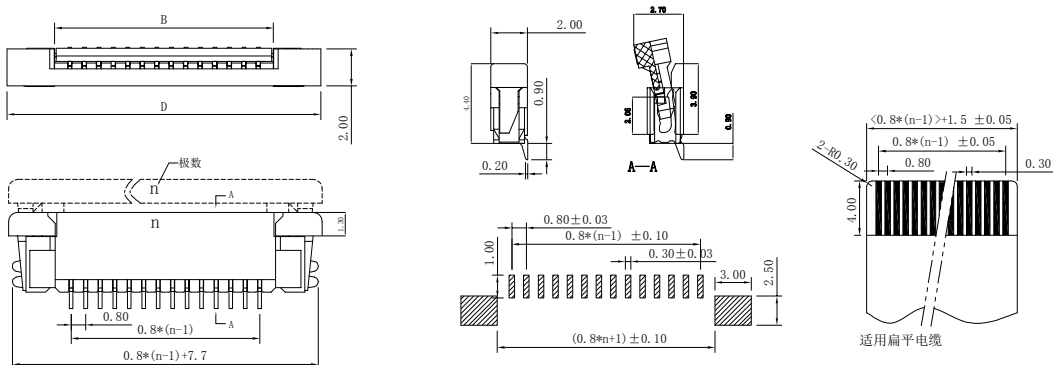
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Top Contact, H2.0
0.8K-AS-nPWB



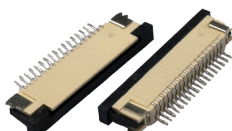
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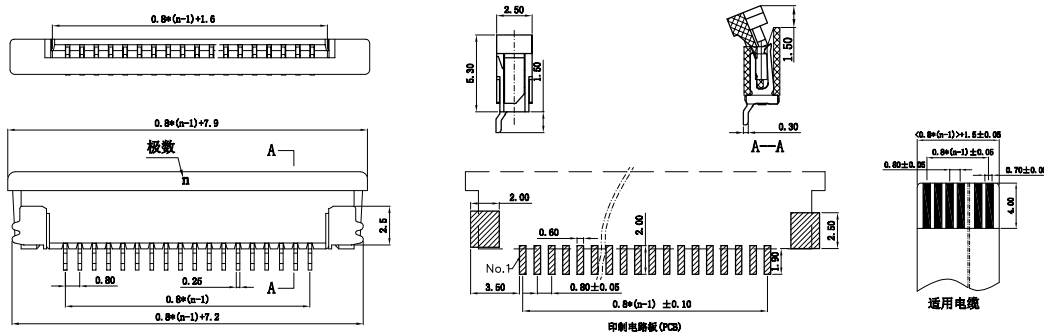
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Bottom Contact, H2.0
0.8K-AX-nPWB



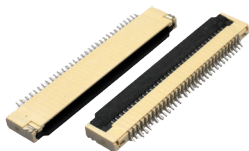
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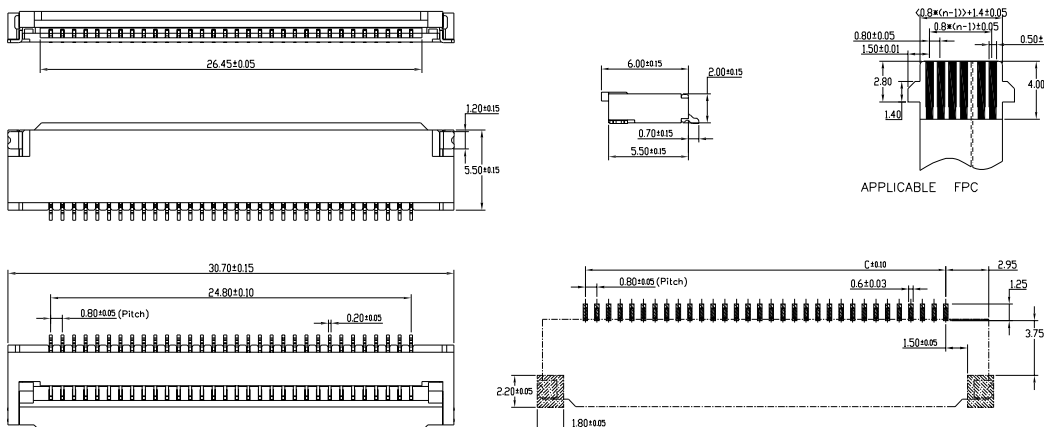
0.8 Half Coverage
Top Contact, H2.5
0.8K-BS-nPWB



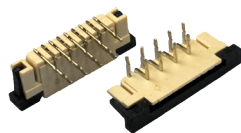
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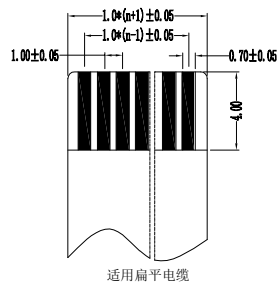
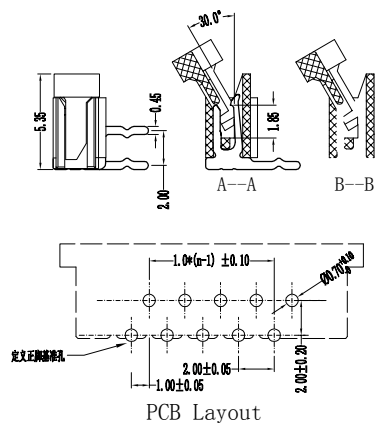
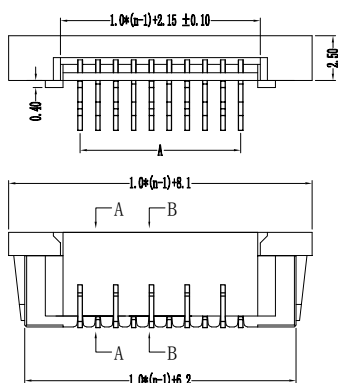
0.8 Flip-lock Type 32P
with Buckle
0820-32CL-SN



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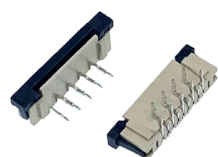


1.0 DIP 90° ZIF
1.0K-J-nPW

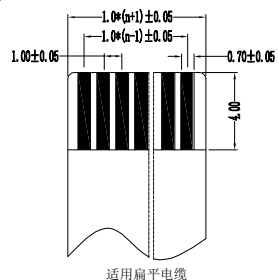
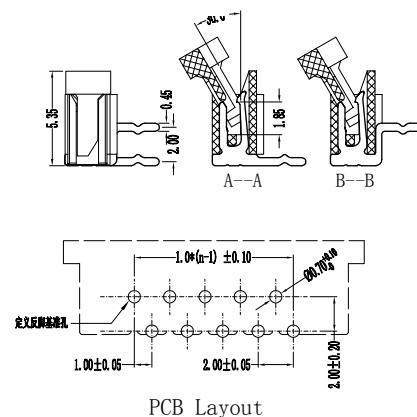
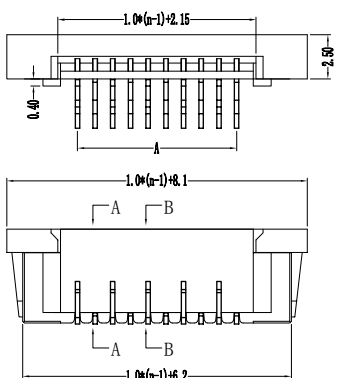


适用扁平电缆

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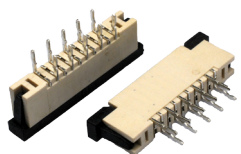


1.0 DIP 90° ZIF
Opposite Position
1.0K-J-nPWF

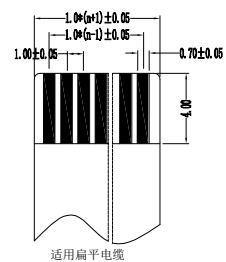
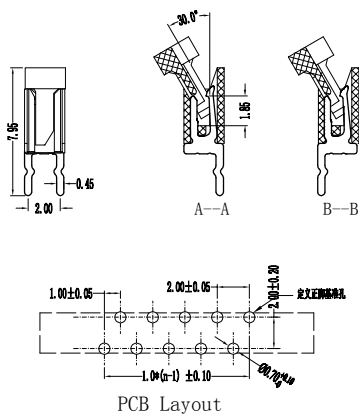
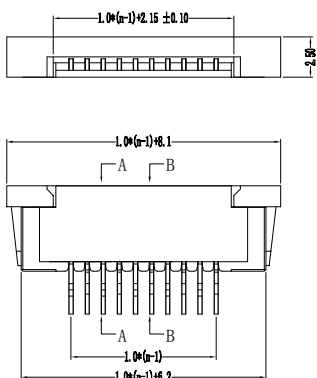


适用扁平电缆

27

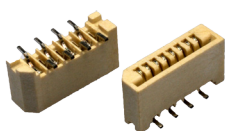


1.0 DIP 180° ZIF
1.0K-H-nP



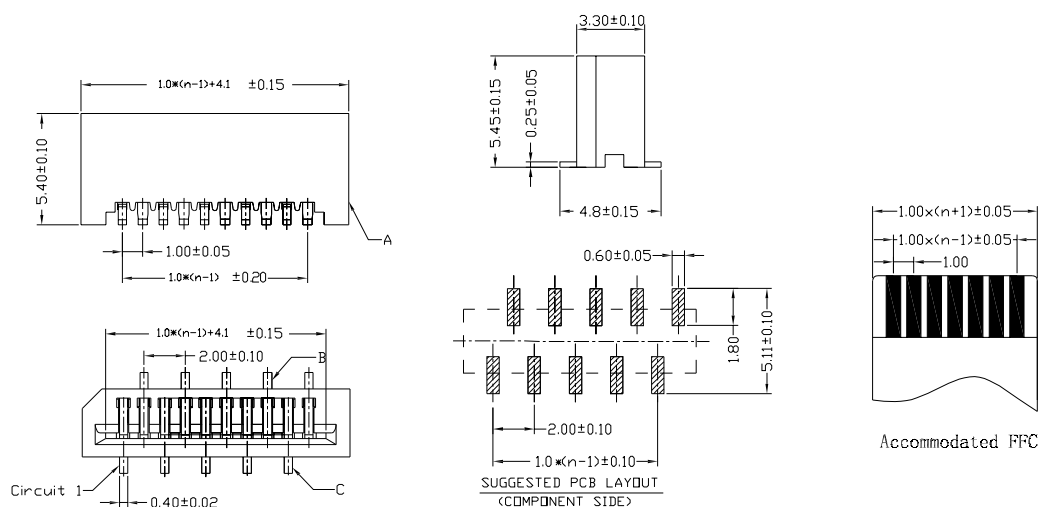
适用扁平电缆

28

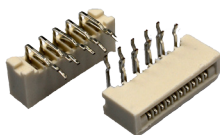


1.0 Single Side Vertical Type

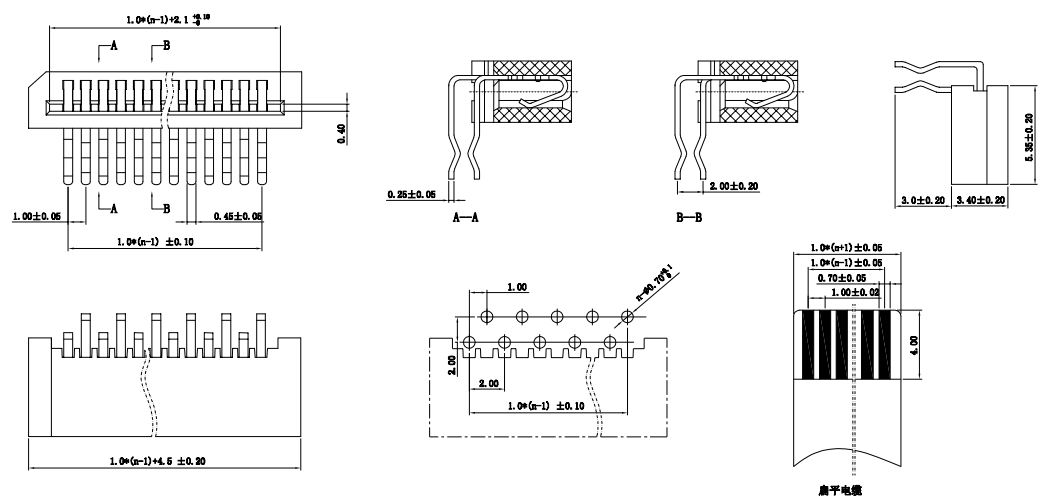
1.0-A-nPLT



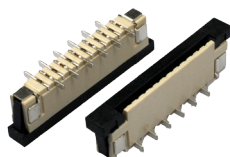
29



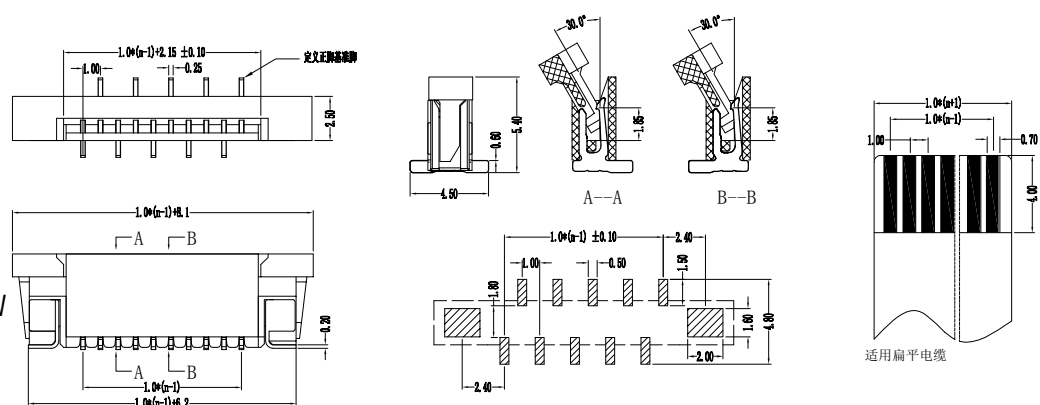
1.0 Single Side DIP 90°
1.0-A-nPW



30



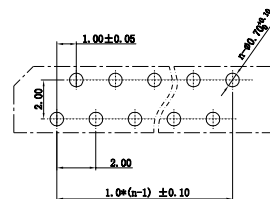
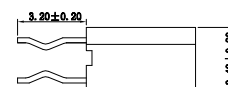
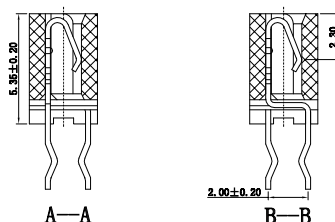
1.0 Vertical Type Double Row
1.0K-GL-nPB



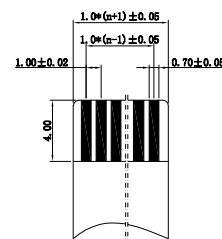


Technical drawing of a 12-pin connector. The drawing shows a top view and a side view. The top view shows a rectangular connector with 12 pins. The pins are arranged in two rows of 6. The dimensions are as follows:

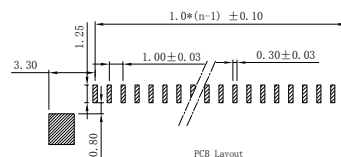
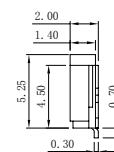
- Overall width: 1.00 ± 0.05
- Pin pitch (center-to-center distance): 1.00 ± 0.10
- Pin diameter: 0.45 ± 0.05
- Overall length: $1.00(n-1) \pm 0.20$
- Pin length: $1.00(n-1) \pm 2.1$



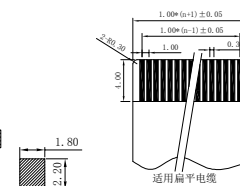
安装开孔
未注公差: $\pm 0.05\text{mm}$



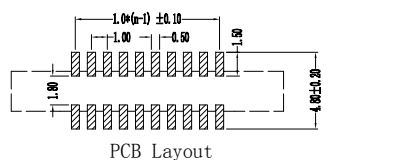
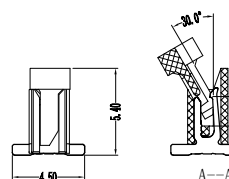
減價扁平電腦

[illegible]

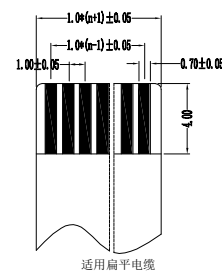
PCB Layout



活用扁平电缆

[illegible]

PCB Layout



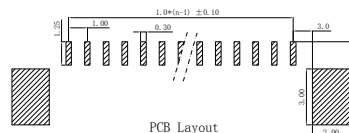
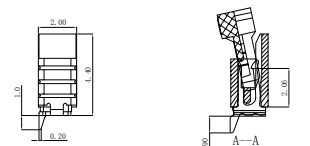
适用扁平电缆



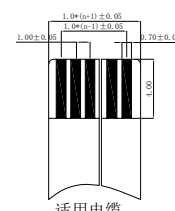
Technical drawing of a multi-layer printed circuit board (PCB) showing a cross-section and a top view.

The cross-section (top) shows a central core with a thickness of 1.0 ± 0.10 mm, surrounded by prepreg layers with a thickness of $0.08(n-1) \pm 0.15$ mm.

The top view (bottom) shows a rectangular board with a central rectangular area labeled "II" and a dashed line indicating a section line A-A. Dimensions include a width of 1.00 mm, a spacing of 0.20 mm, and a length of $0.08(n-1)$ mm.

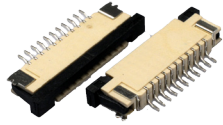


PCB Layout

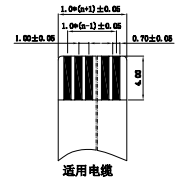
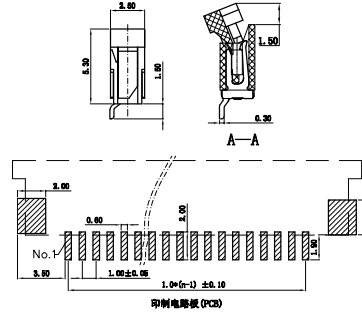
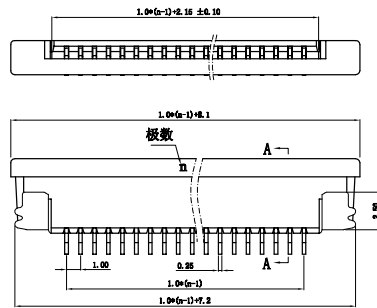


适用电缆

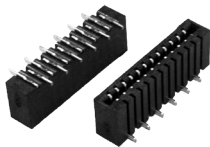
36



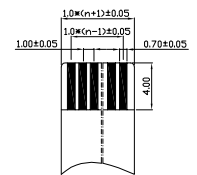
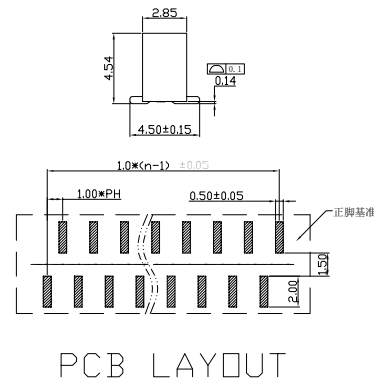
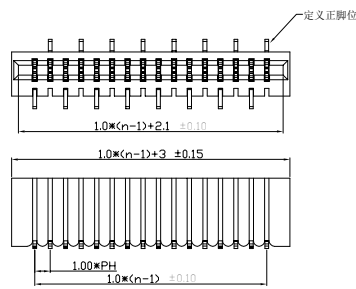
1.0 Top Contact, H2.5
1.0K-ES-nPWB



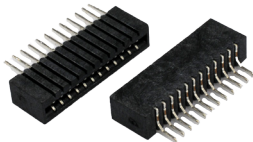
37



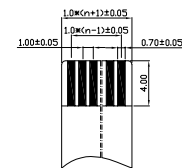
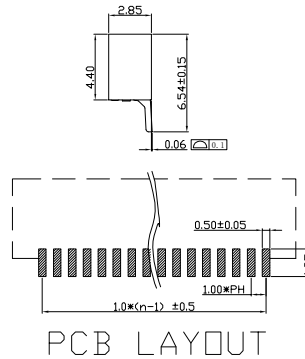
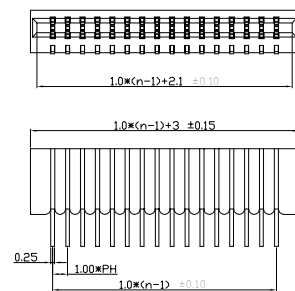
1.0 Dual Contact
Vertical Type
1.0-B-nPB



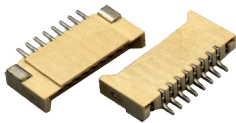
38



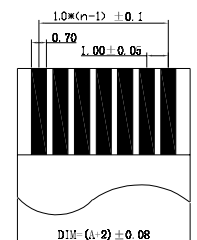
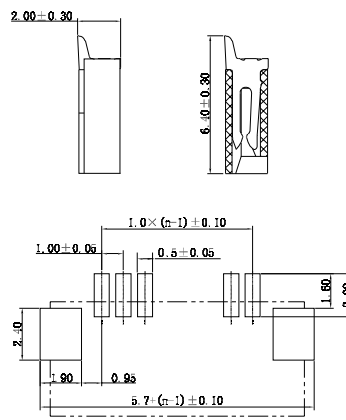
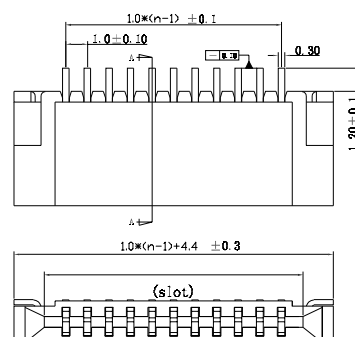
1.0 Dual Contact
Horizontal Type
1.0-B-nPWB



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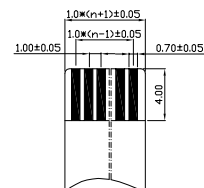
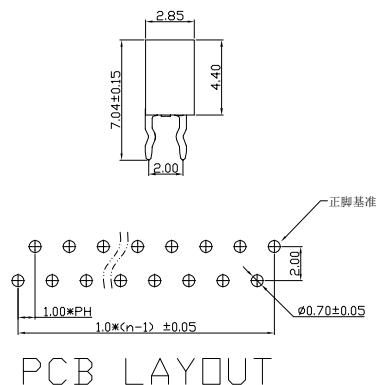
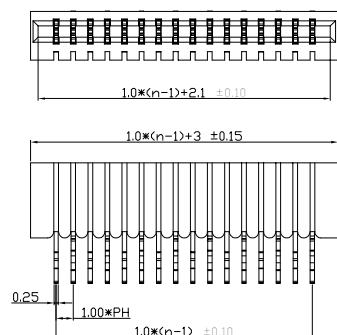
1.0 Dual Contact Horizontal
Type with Fitting Nail
1.0-CB-nPWB



PC BOARD LAYOUT

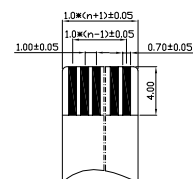
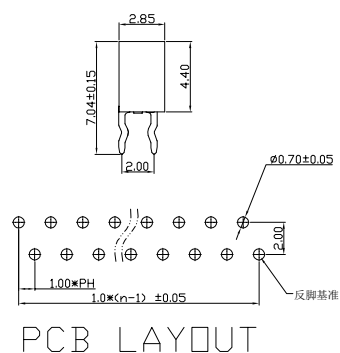
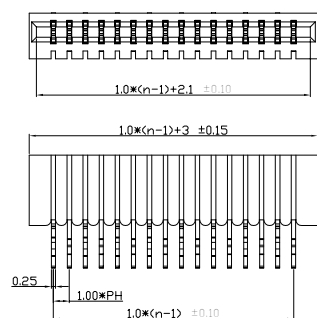
40

1.0 Dual Contact DIP 180°
1.0-B-nP



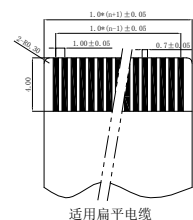
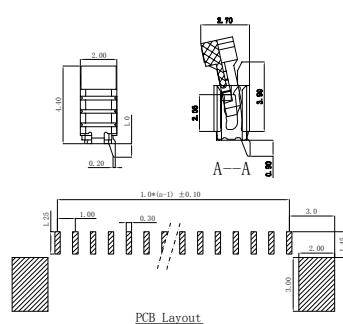
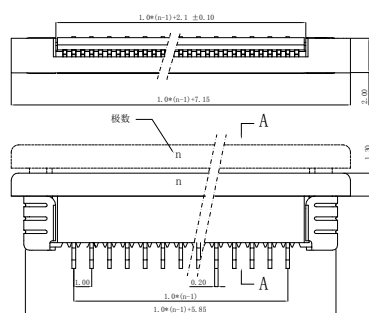
41

1.0 Dual Contact DIP 180°
Opposite Position
1.0-B-nPF



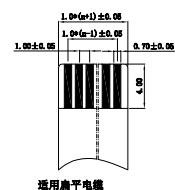
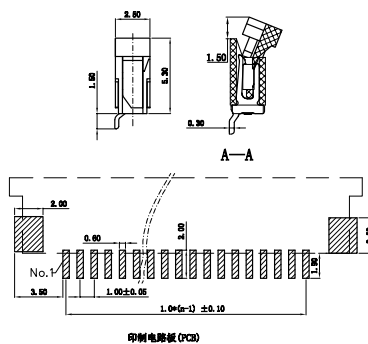
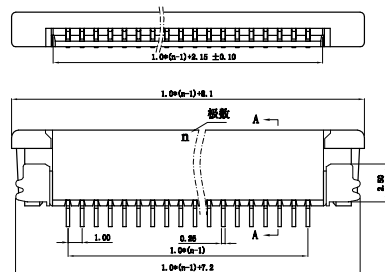
42

1.0 Bottom Contact, H2.0
1.0K-MX-nPWB

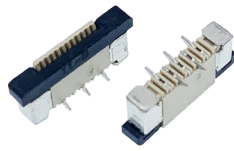


43

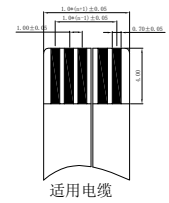
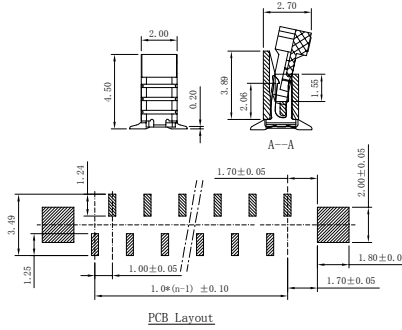
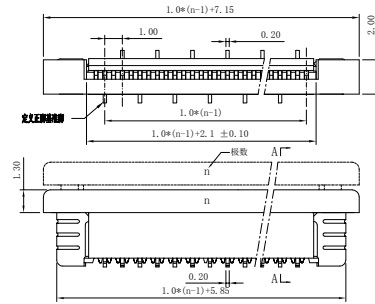
1.0 Bottom Contact, H2.5
1.0K-FX-nPWB



44

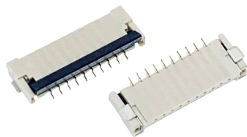


1.0 N Type Vertical Type
1.0-N-nPB

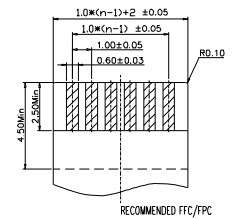
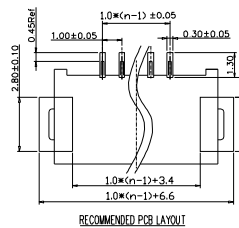
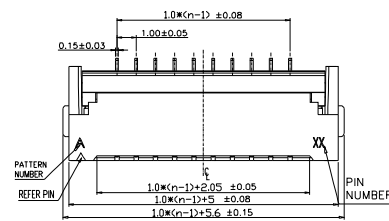
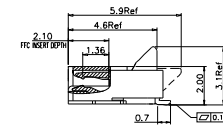
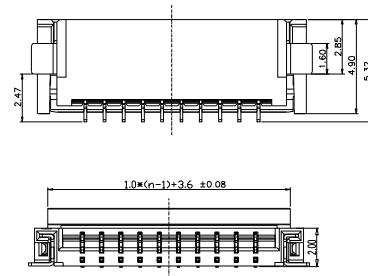


适用电缆

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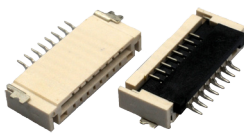


1.0 Back Flip-lock, H2.0
1020-GX-nPWB

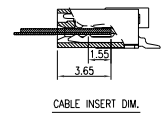
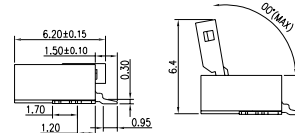
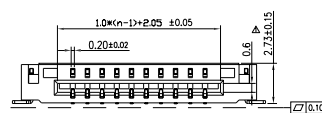


RECOMMENDED FFC/FFC

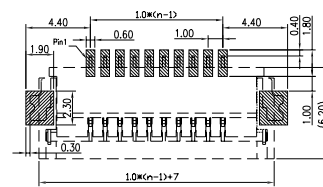
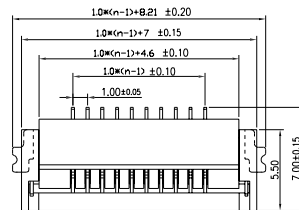
46



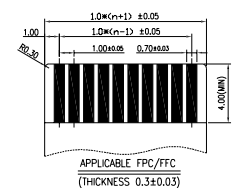
1.0 Back Flip-lock, H2.73
10273-GX-nPWB



CABLE INSERT DIM.

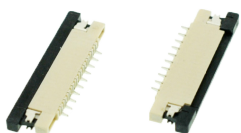


RECOMMENDED PCB PATTERN DIM.
TOLERANCE : ±0.05

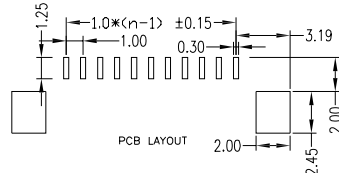
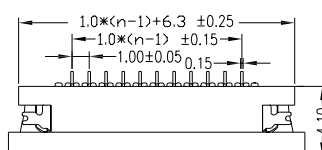
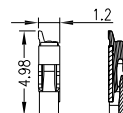
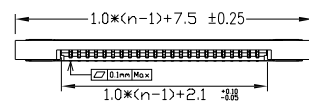


APPLICABLE FFC/FFC
(THICKNESS 0.3±0.03)

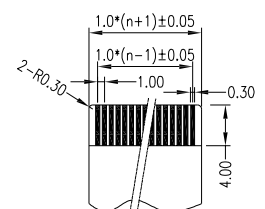
47



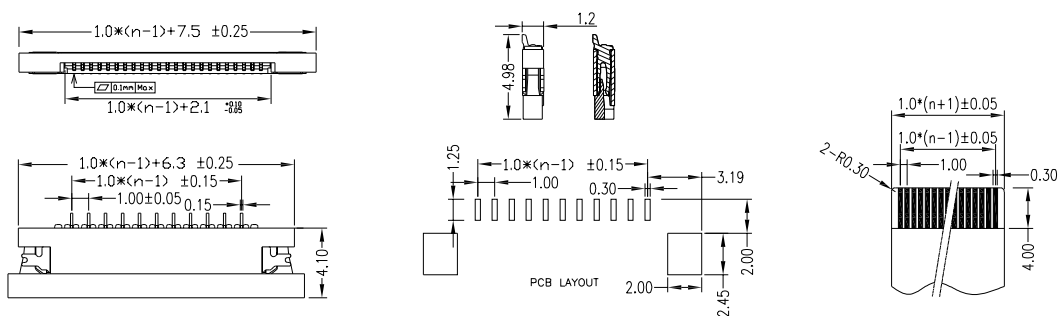
1.0 Bottom Contact, H1.2
1012-nRL-SN



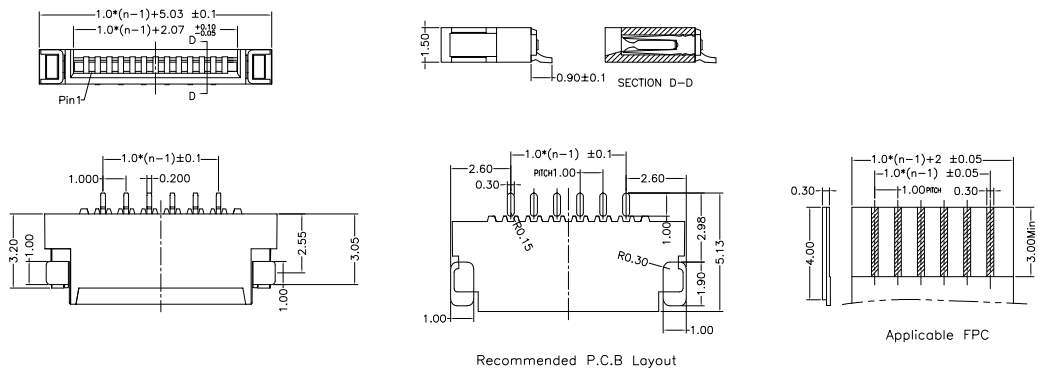
PCB LAYOUT



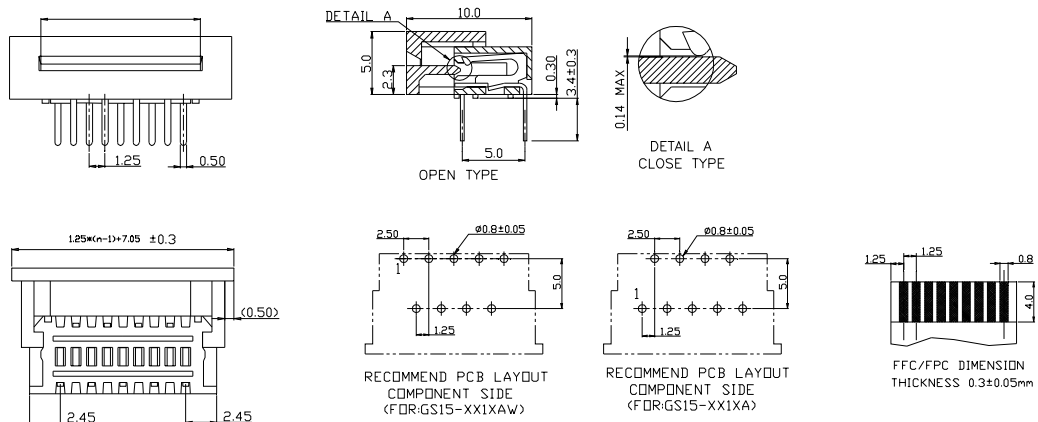
48



49



50



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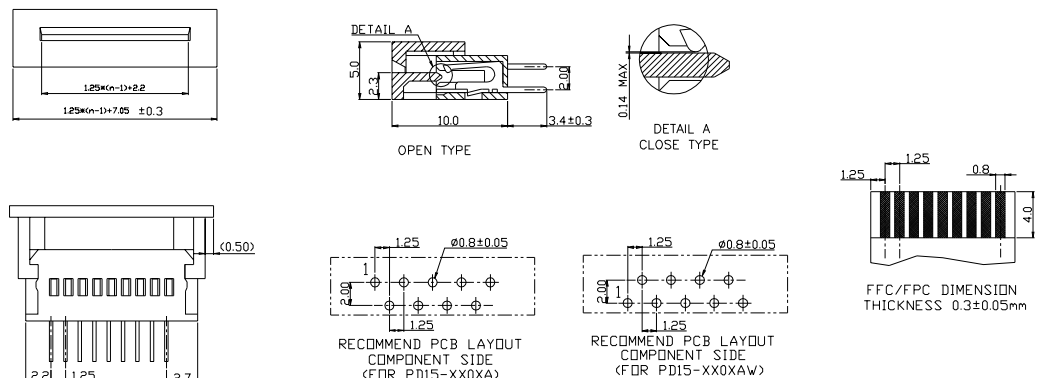
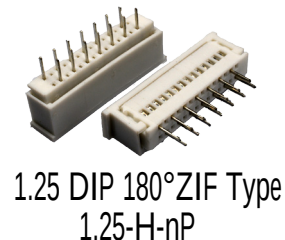
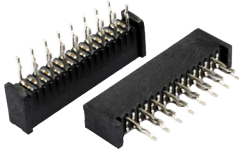




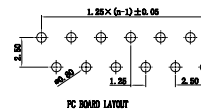
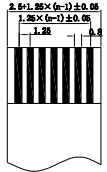
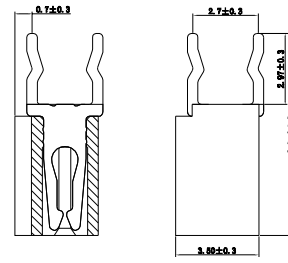
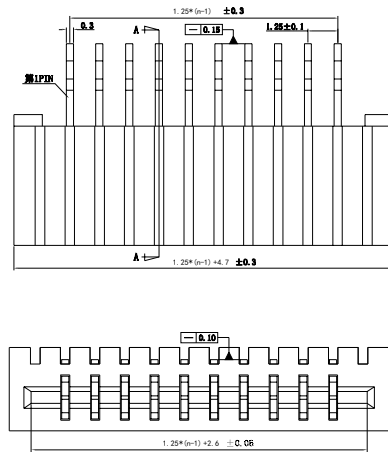
Figure 1: Dimensions and PCB layout of the cable. The figure includes four sub-diagrams: 1. Top view of the cable assembly showing dimensions 1.425(13'') ± 0.2, 1.80, 1.25*(n-1) + 4.8, and 0.15. 2. Cross-section A-A showing a 2.50 width and a 0.60 gap. 3. Cross-section B-B showing a 0.60 gap and a 0.25 width. 4. PCB layout showing dimensions 1.25*(n-1) ± 0.10, 1.25*(n-1) ± 0.05, 1.25, 0.50, 0.25, 0.50, 0.55, and 7.50. A note indicates "适用扁平电缆 (PROPER CABLE)".



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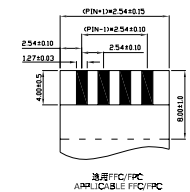
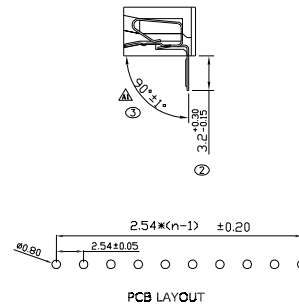
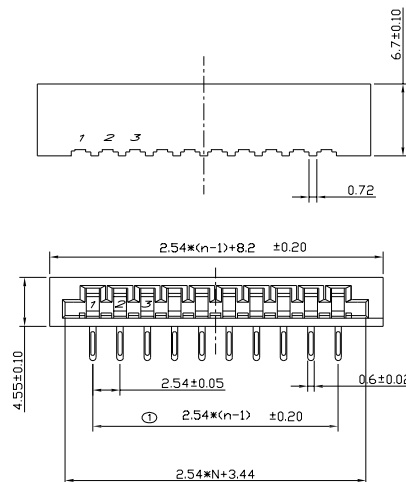
1.25 Dual Contact DIP 180°
1.25-B-nP



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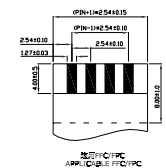
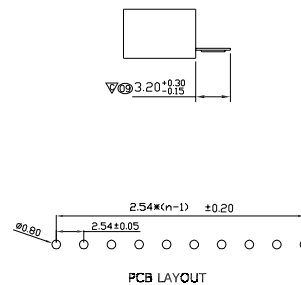
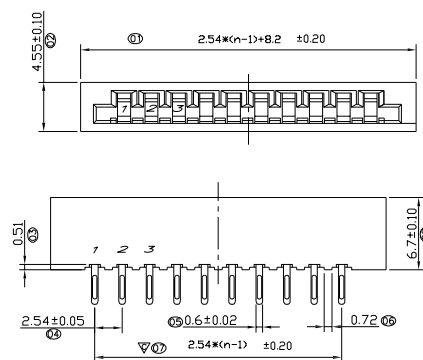
2.54 Dual Contact
Film Type DIP 90°
2.54-A-nPW

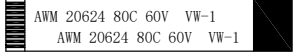
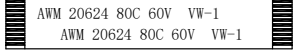
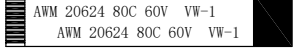
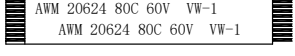
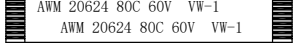
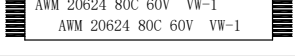
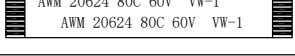
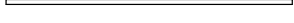
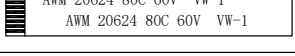
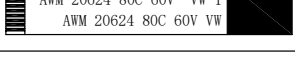
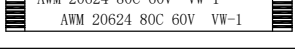
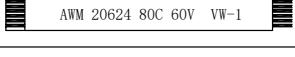
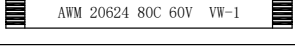
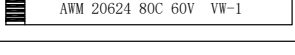
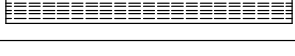
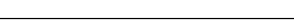
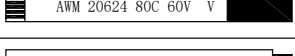
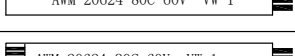
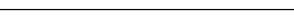
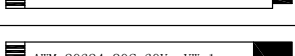
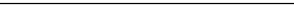
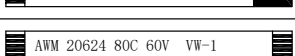
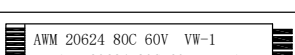
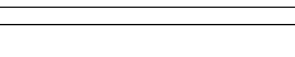
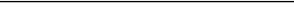


58



2.54 Dual Contact
Film Type DIP 180°
2.54-A-nP

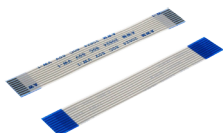


类型 Type	型号结构 Pattern Structure		简易描述 Simple Description
	正面 Front	反面 Back	
A			两端接插且补强板同侧粘贴在绝缘膜上 Both side connecting and supporting tape stick on the insulation film
B			补强板交叉反向直接粘贴在绝缘膜上 supporting tape is crossed and direct stick on the insulation film
C			补强板直接粘贴在导体上 supporting tape is direct stick on the Conductor
D			补强板交叉反向直接粘贴在导体上 supporting tape is crossed and direct stick on the Conductor
E			一端连接，另一端直接焊接 One end connecting the other end soldering
F			两端连接，补强板一半粘贴在绝缘膜上 Both side connecting and half supporting tape stick on the insulation film
G			两端直接焊接 Both and soldering
H			相同于型号A，无补强板 The same as A type without Supporting tape
I			相同于型号B，无补强板 The same as B type without Supporting tape
J			补强板交叉且两端补强板一半粘贴在绝缘膜上 supporting tape is crossed and both side half stick on the insulation film
K			一端插接另一端补强板的一半粘贴在绝缘膜上 One end connecting the other end half supporting tape stick on the insulation film
L			一端补强板贴导体，另一端直接焊接 supporting tape direct on the conductor the other end soldering
M			相同于型号A，一端无补强板 The same as A type with one and no Supporting tape
N			相同于型号B，一端无补强板 The same as B type with one and no Supporting tape
O			无线口，无补强板 No conductor bare and no Supporting tape
P			补强板交叉，有一端补强板一半粘贴在绝缘膜上 supporting tape is crossed, have one half supporting tape stick on the insulation film
Q			相同于型号G，一端无线口 The same as G type without conductor bare
R			相同于型号E，无补强板 The same as E type with one and no Supporting tape
S			相同于型号B，一端补强板直接粘贴导体 The same as B type, one end supporting tape is direct stick on the Conductor
T			相同于型号A，一端补强板直接粘贴导体 The same as A type, one end supporting tape is direct stick on the Conductor
U			相同于型号E，补强板半粘 The same as E type with one and no half Supporting tape stick on the insulation film

FFC CABLE SPECIFICATION

Pitch	Conductor(Thickness*Width MM)			Insulation film (Thickness MM)			Reinforeing tape(Thickness MM) Length 3-20MM				Length
0.5	0.035*0.3	0.05*0.3	0.1*0.3	0.043	0.06	0.1	0.16	0.225	0.25	0.28	20MM or More
0.8	0.035*3	0.05*0.5									
1.0	0.035*0.65	0.05*0.65	0.1*0.65								
1.25	0.05*0.8	0.1*0.8									
2.0	0.1*0.8	0.05*0.65									
2.54	0.1*0.8	0.1*1.27									

59



Same Side Contact (A type)

60



Opposite Contact (B type)

61



LVSD 41P 51P

62



With Acetate cloth

63



With Conductive cloth

64



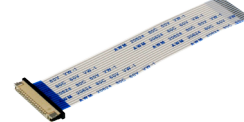
Sub-Cable with Acetate cloth

65



0.5 LVDS 30P 40P

66



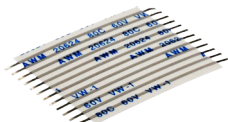
FFC Cable with FPC Connector

67



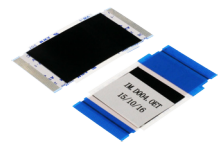
1.0 LVDS

68



G Type Welding

69



Punching Type Gold
Plated Shielded Type

70



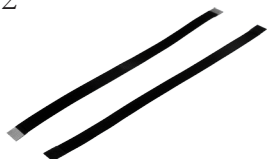
Punching Type

71



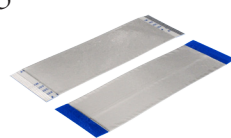
Multiprogram Type

72



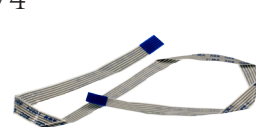
Black Insulation film Type

73



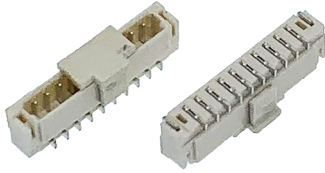
Punching Type Gold
Plated Shielded Type

74

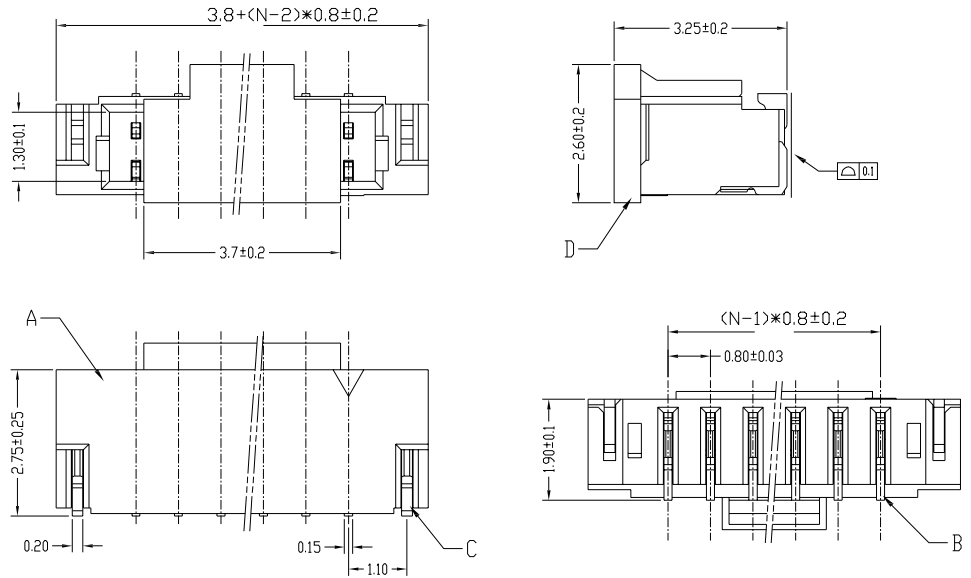


Folding Type

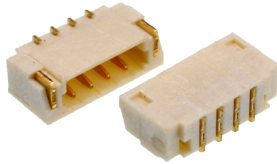
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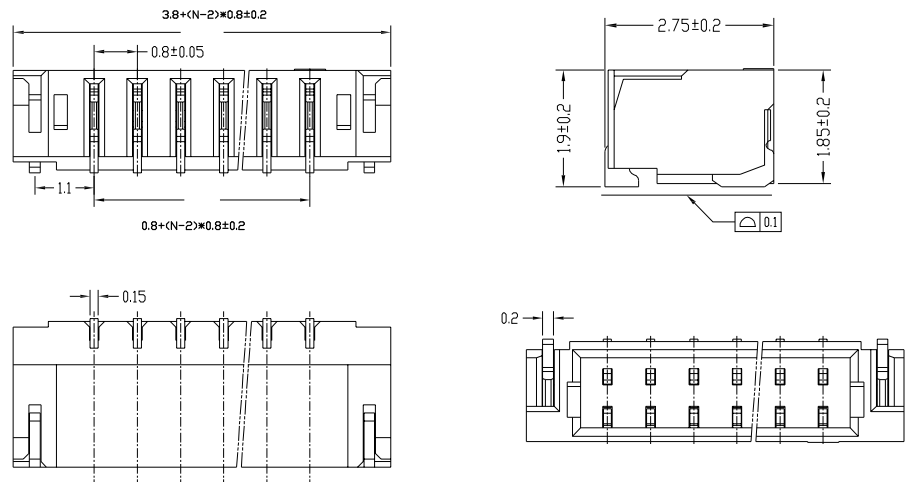
0.8 Vertical Type
A0800WV-S-nP



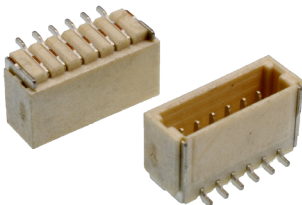
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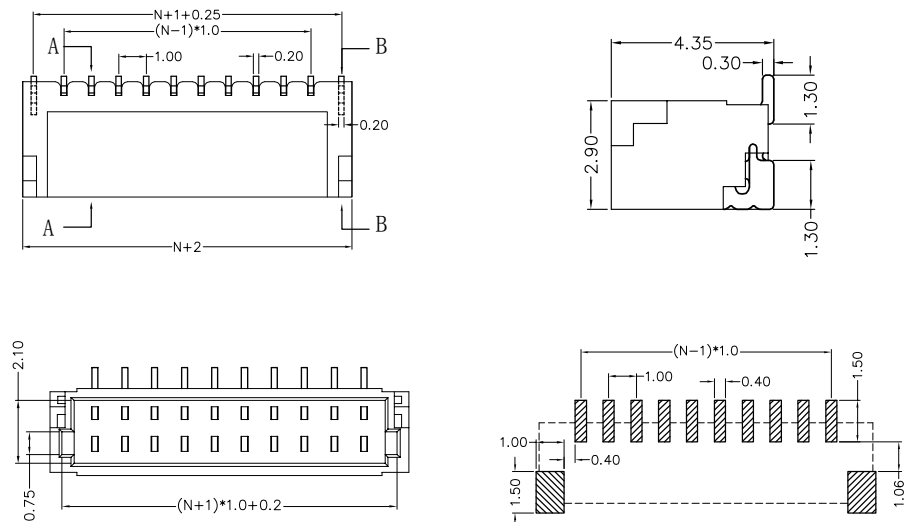
0.8 Horizontal Type
A0800WR-S-nP

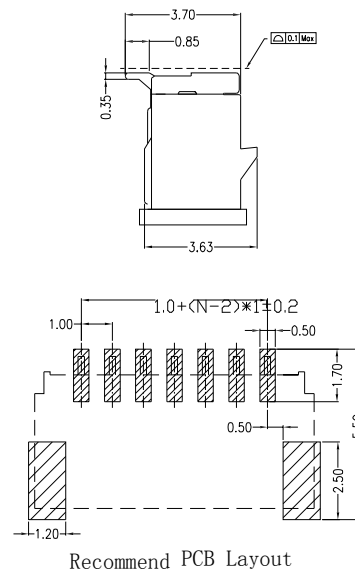


77



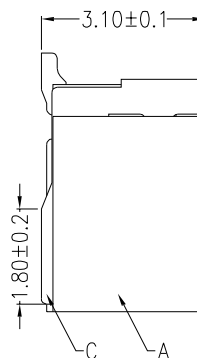
SH1.0 Vertical Type
1.0-P-nPB





Technical drawings of the components:

- Top View:** Shows a rectangular component with a width of $1.0 + (N-2) \times 1$ and a height of 4.90 ± 0.2 . The distance between the centers of the mounting holes is 1.00 ± 0.02 . The mounting holes are located at a distance of 0.20 ± 0.02 from the top edge.
- Front View:** Shows a rectangular component with a width of $4.0 + (N-2) \times 1 \pm 0.15$ and a height of 4.30 ± 0.2 . The mounting holes are located at a distance of $2.5 + (N-2) \times 1 \pm 0.2$ from the left edge. The mounting holes are located at a distance of 2.16 ± 0.1 from the bottom edge.



Technical drawing of a rectangular plate with 6 holes, showing top and side views with dimensions.

Top View Dimensions:

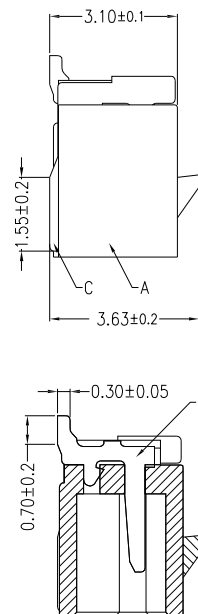
- Overall width: 4.00 ± 0.05
- Overall height: 4.90 ± 0.2
- Distance from top edge to hole center line: 0.20 ± 0.02
- Distance between hole center lines: $1.0 + (N-2) * 1 \pm 0.2$
- Distance from hole center line to right edge: 1.00 ± 0.05

Side View Dimensions:

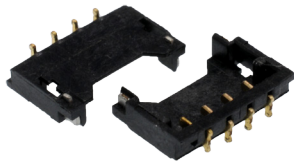
- Overall height: 4.30 ± 0.2
- Distance from top edge to hole center line: 0.40
- Distance between hole center lines: $2.55 + (N-2) * 1 \pm 0.2$
- Distance from hole center line to right edge: 2.16 ± 0.1
- Overall width: $4.0 + (N-2) * 1 \pm 0.15$

Surface Finish:

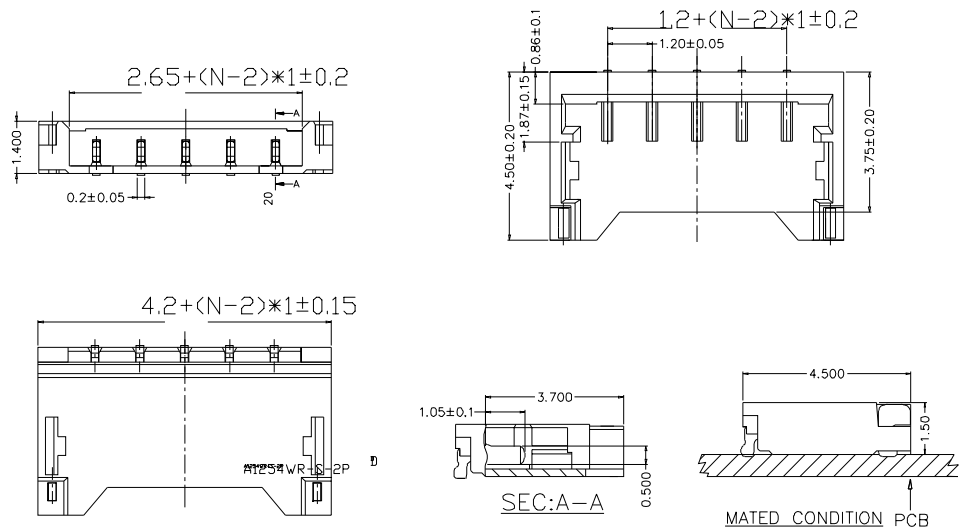
- Surface finish symbol: $\sqrt{0.1 \text{ MAX}}$



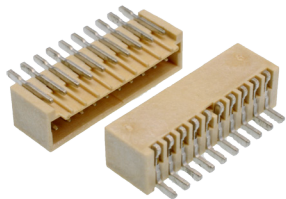
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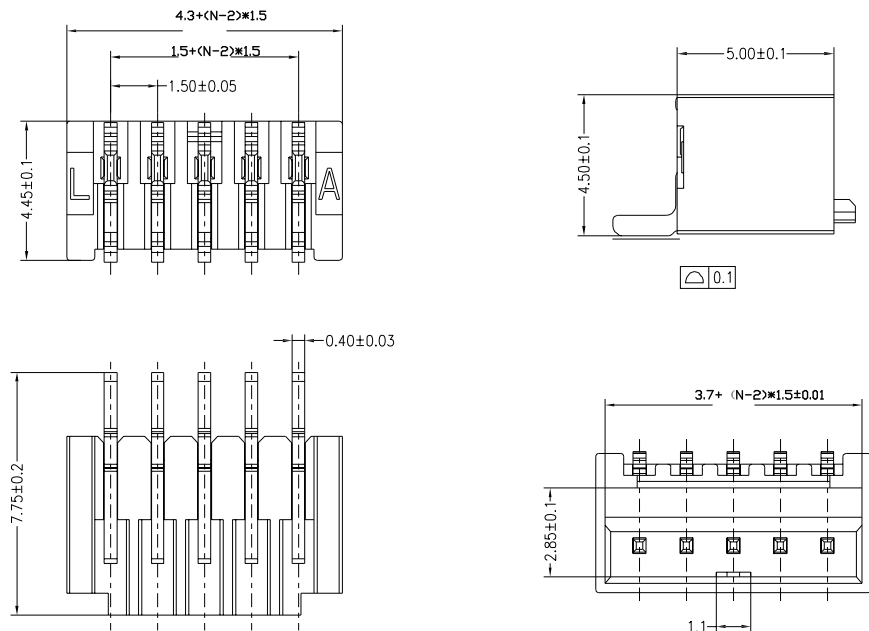
1.2 Horizontal Type
A1201WV-S-XP



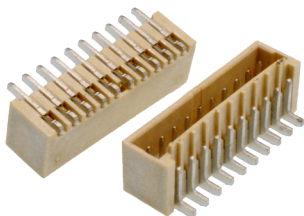
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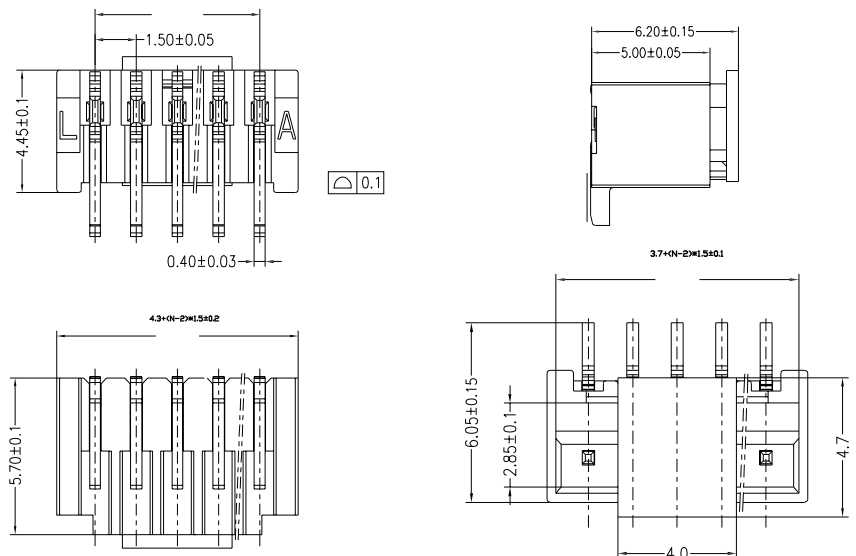
1.5 Special Horizontal Type
A1504AWR-xx



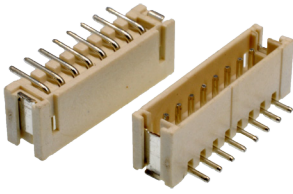
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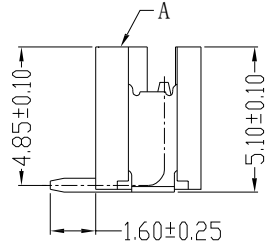
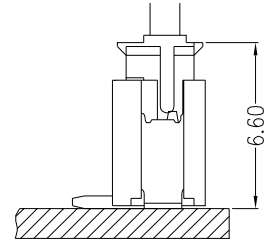
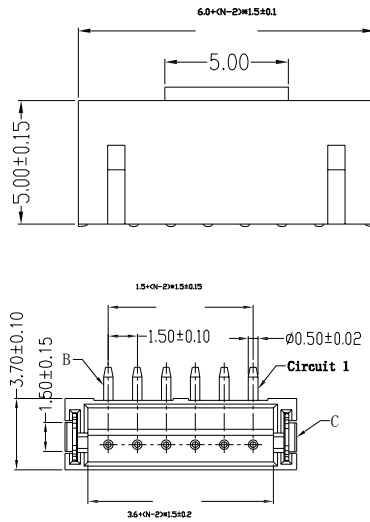
1.5 Special Vertical Type
A1504AWV-xx



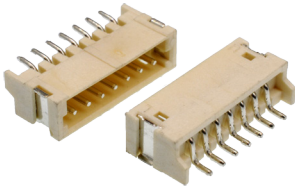
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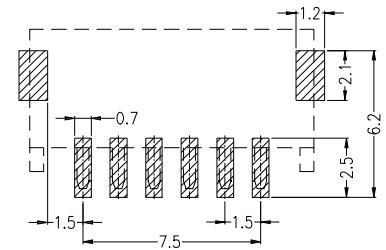
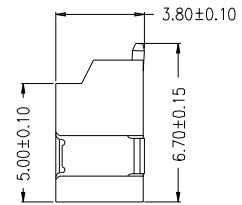
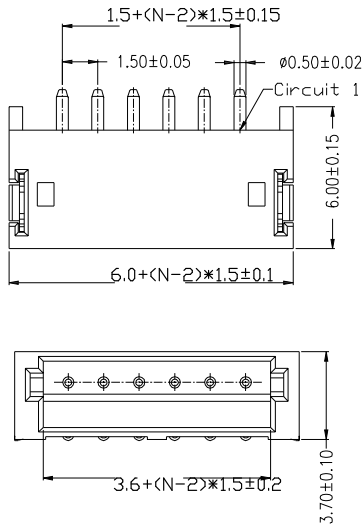
ZH1.5 Vertical Type
ZH1.5-nAB



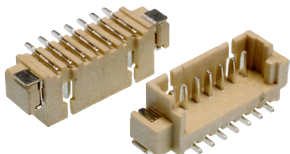
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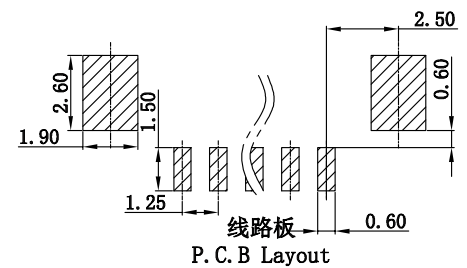
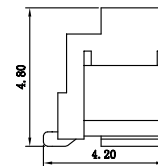
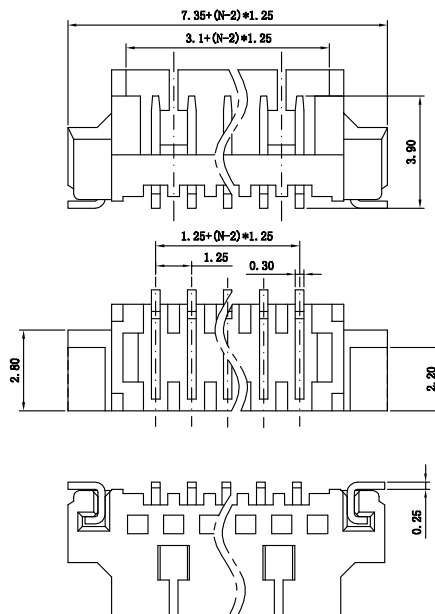
ZH1.5 Horizontal Type
ZH1.5-nAWB



86



MX1.25 Vertical Type
1.25-C-nPB

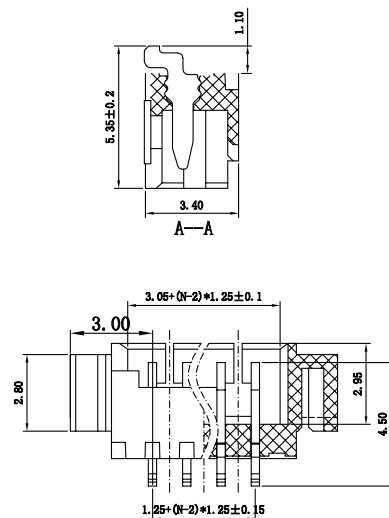
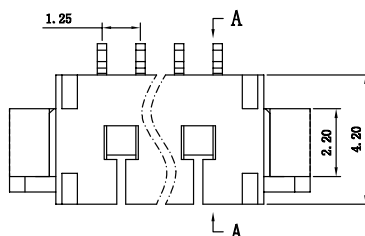


模号

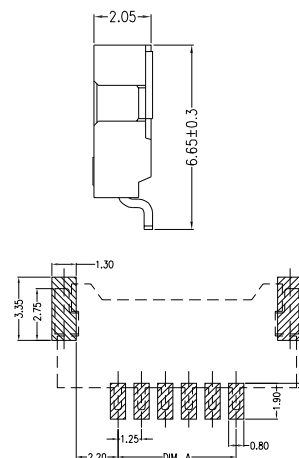
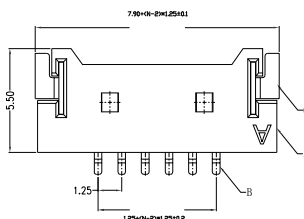
7.25 + (N-2) * 1.25 ± 0.2

0.30

0.25



Two yellow plastic electrical connectors with metal pins, likely for a power supply or control circuit.



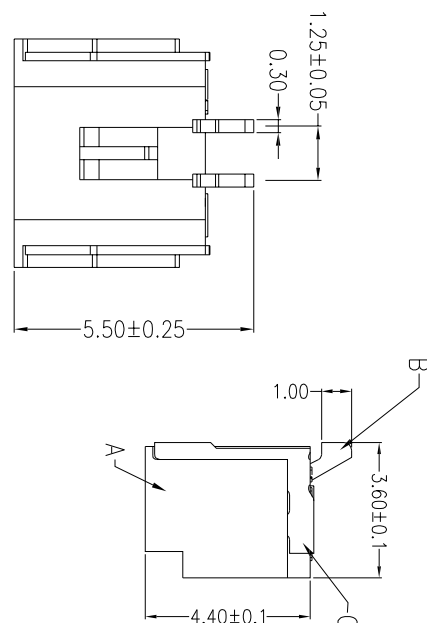
Two beige plastic electrical connectors with metal pins. One connector is shown from a side-on perspective, highlighting its rectangular shape and the arrangement of pins. The other connector is shown from a more angled perspective, revealing its internal structure and the way the pins are housed within the plastic body.

Technical drawing of a mechanical part (Fig. 10.10) showing a cross-section with dimensions and a detail view.

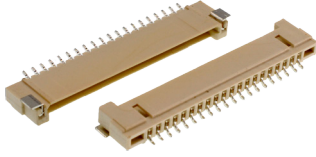
Dimensions:

- Overall height: 5.25 ± 0.2
- Internal height: 3.00 ± 0.2
- Internal width: 2.40 ± 0.2
- Overall width: 3.50 ± 0.1

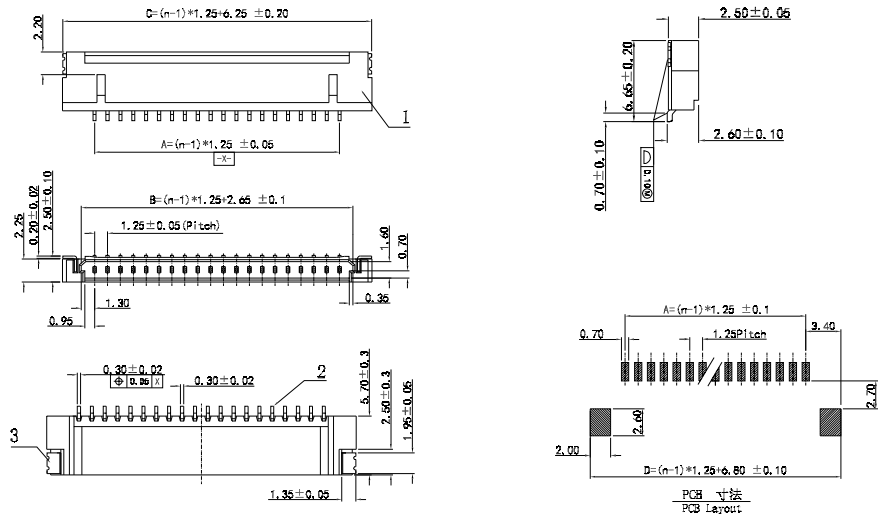
Detail view (10.10a) shows a cross-section of a hole with a diameter of $\varnothing 0.12$ and a maximum depth of Max .



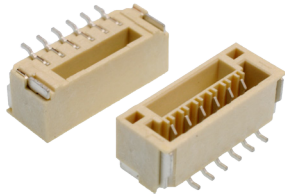
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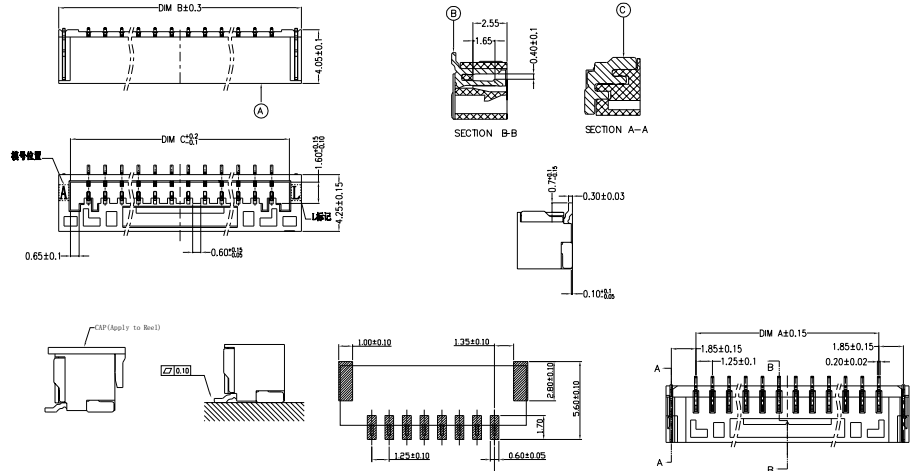
DF14-1.25 Horizontal Type
A1253-WRA-S-XP



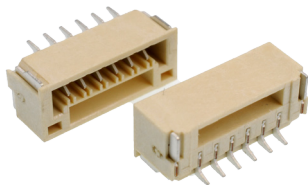
91



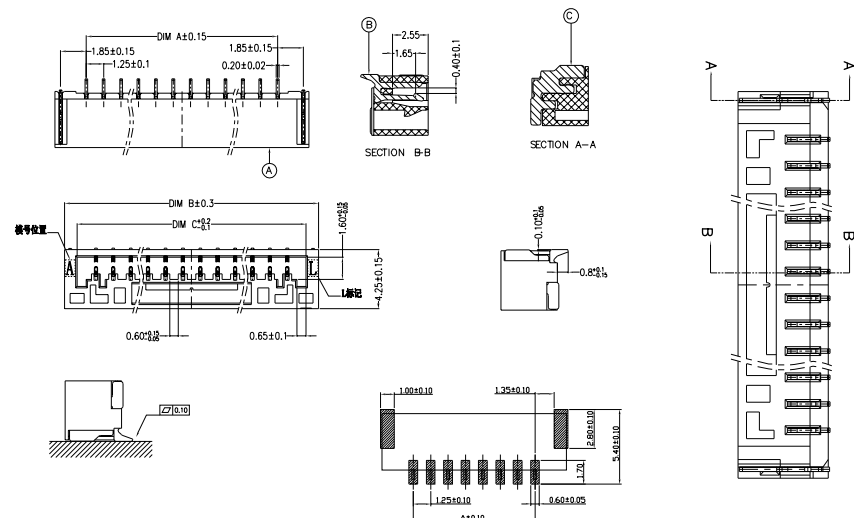
GH1.25 Vertical Type
GH1.25-nAB



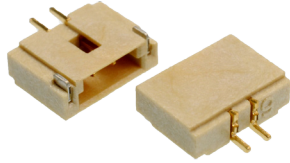
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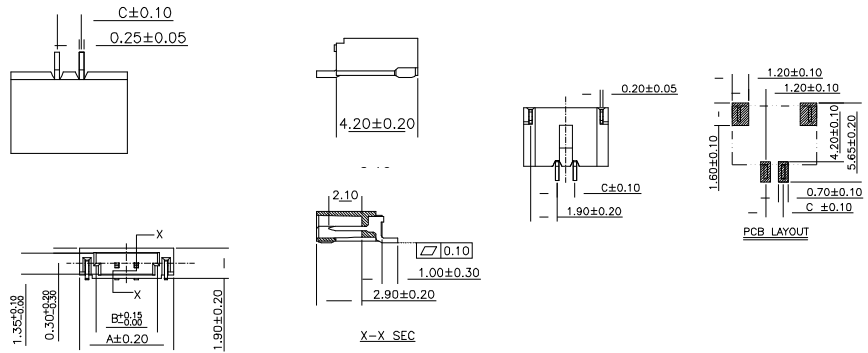
GH1.25 Horizontal Type
GH1.25-nPWB



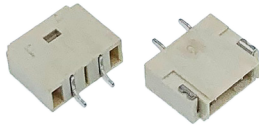
93



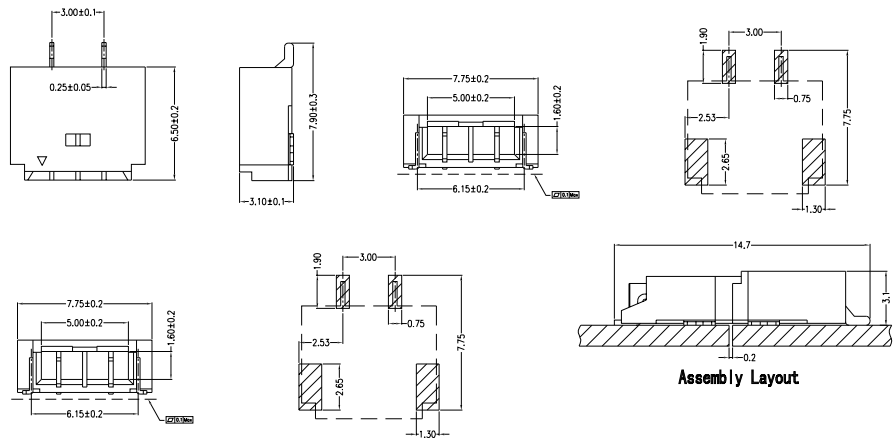
JAE1.25 Horizontal Type
A1255WR-S-XP



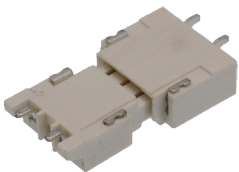
94



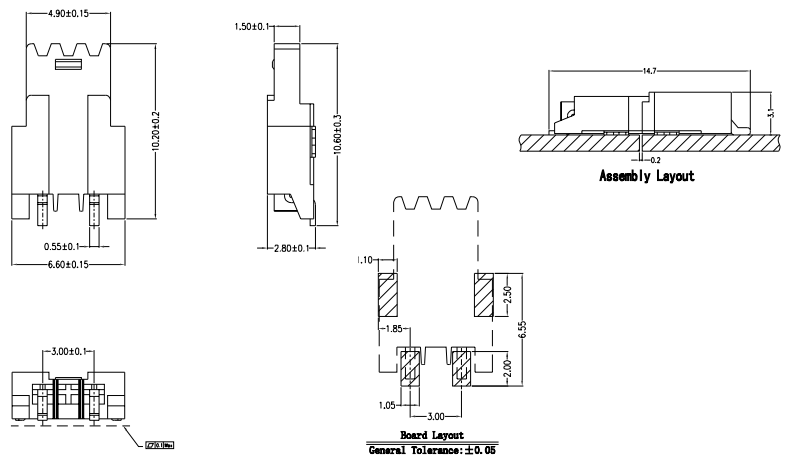
3.0-2P Female Horizontal Type



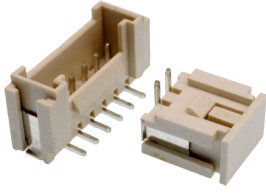
95



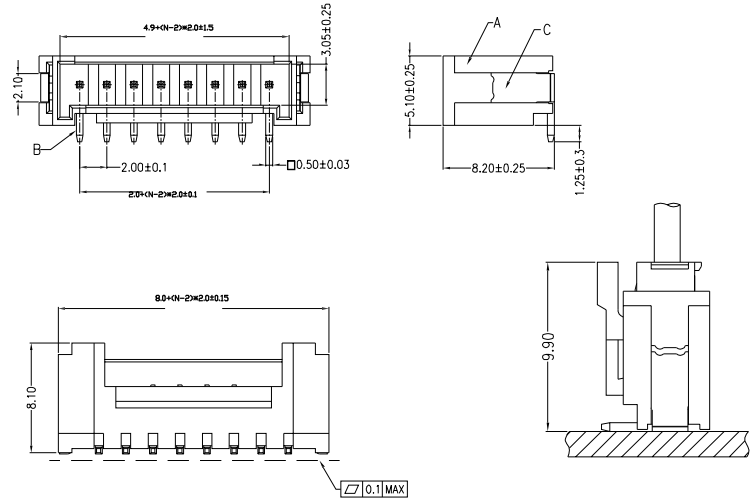
3.0-2P Male Horizontal Type



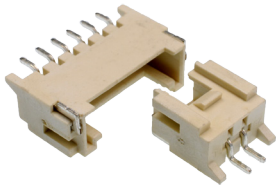
96



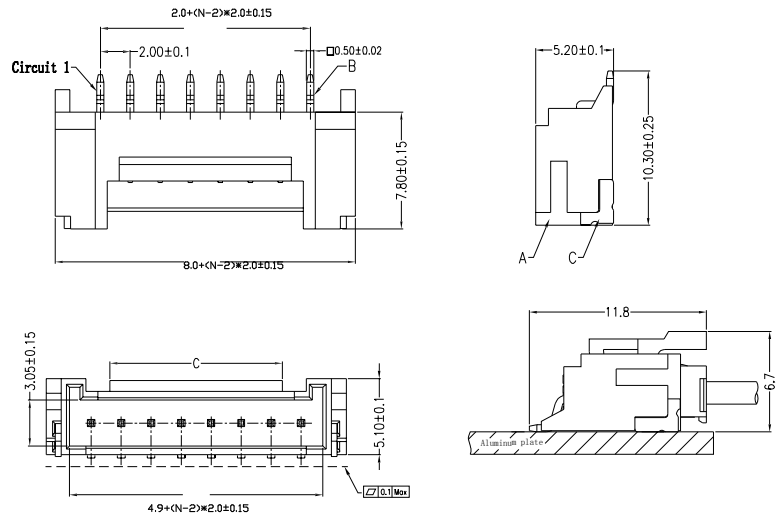
HY2.0 Vertical Type
HY2.0-nAB



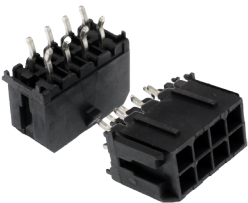
97



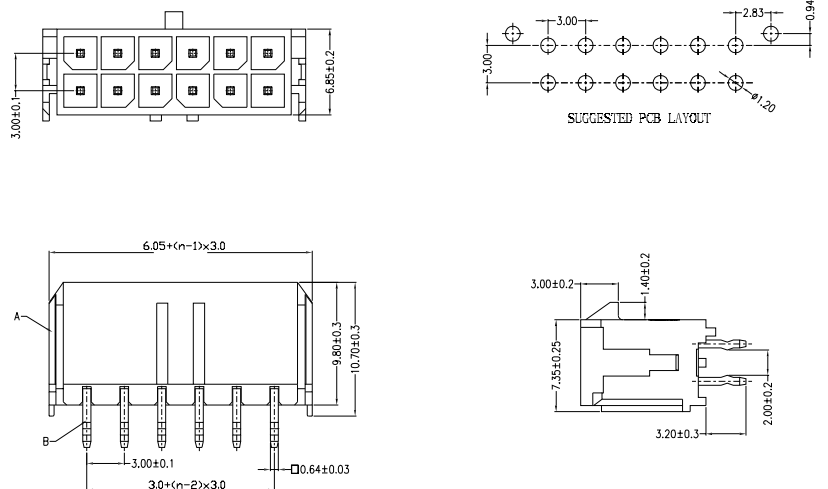
HY2.0 Horizontal Type
HY2.0-nAWB



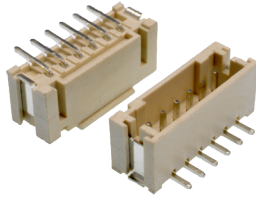
98



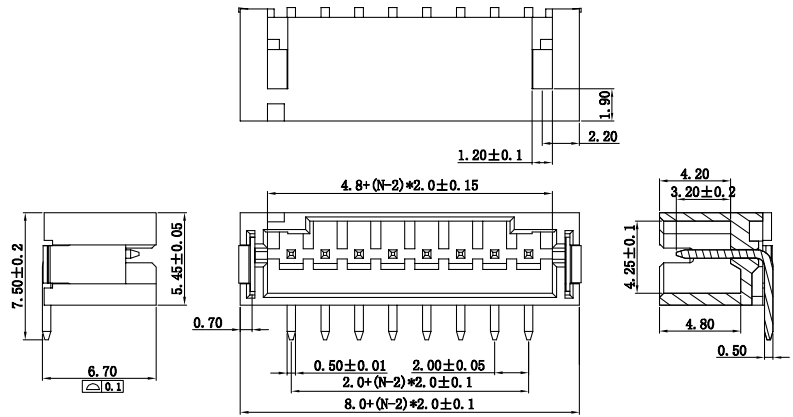
MX3.0 DIP Double Row



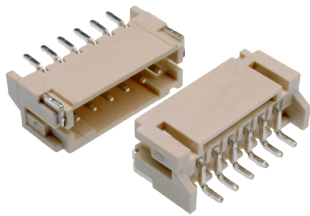
99



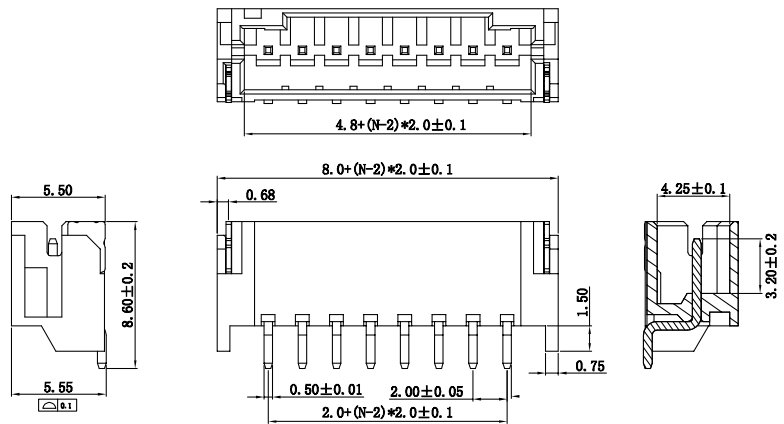
PH2.0 Vertical Type
2.0-B-nPB



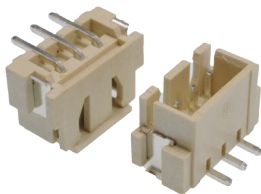
100



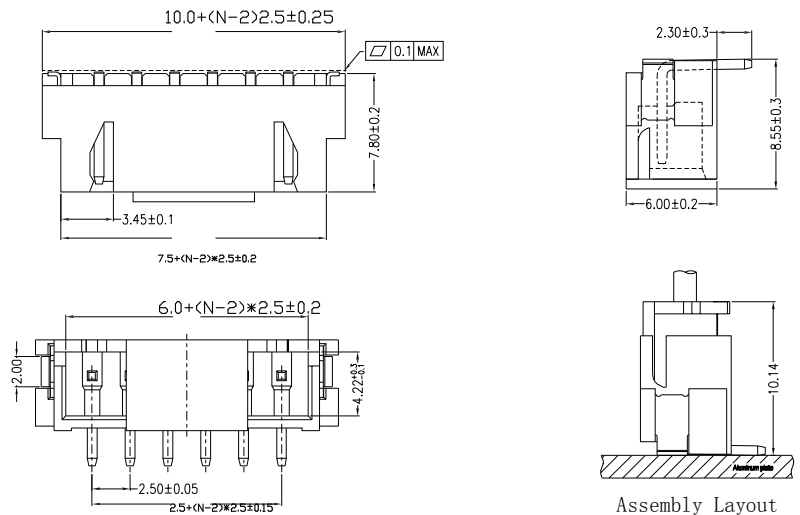
PH2.0 Horizontal Type
2.0-A-nPWB



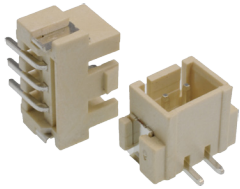
101



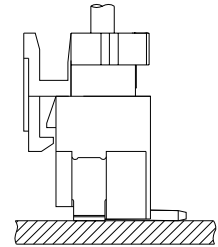
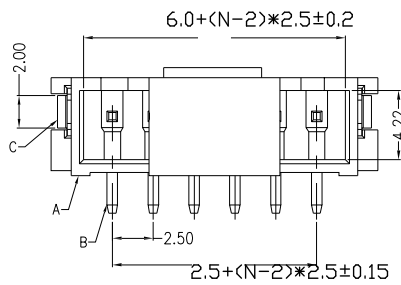
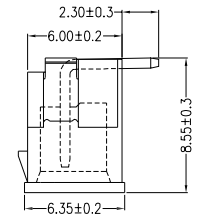
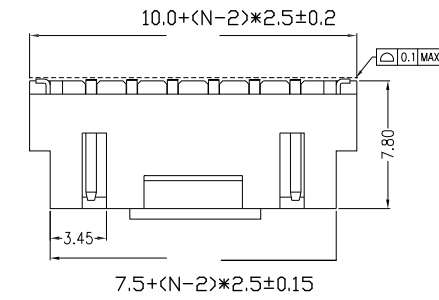
2.54 Vertical Type
XH2.54-nAB



102

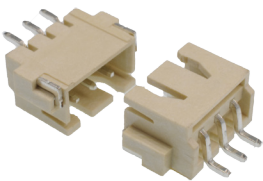


XH2.54 Vertical Type with Buckle
XH2.54-nABK

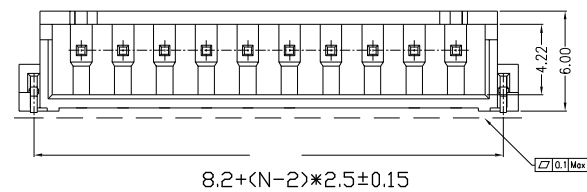
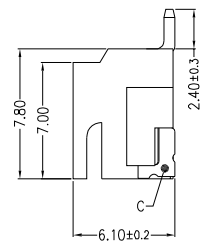
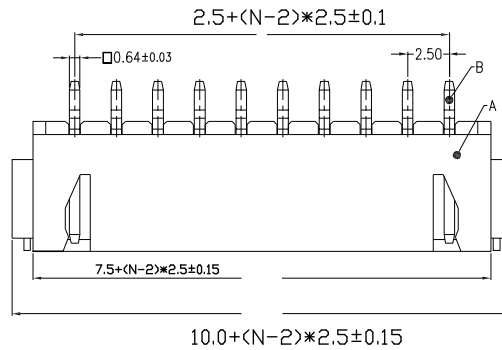


Assembly Layout

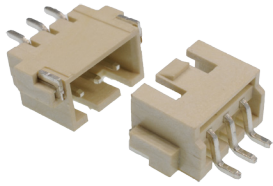
103



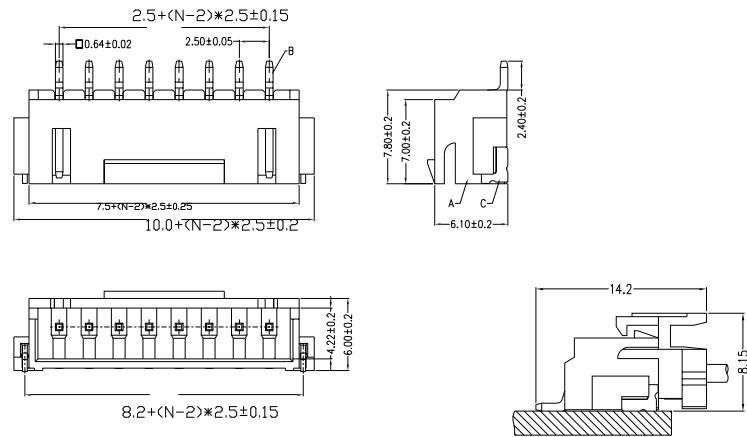
2.54 Horizontal Type
XH2.54-nAWB



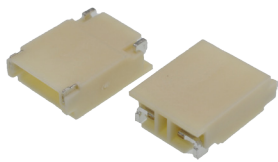
104



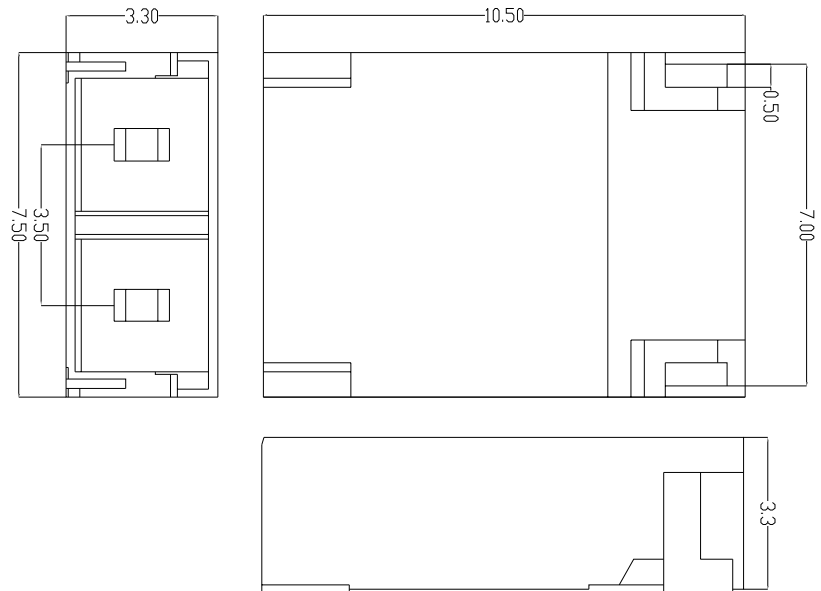
2.54 Horizontal Type with Buckle
XH2.54-nAWBK



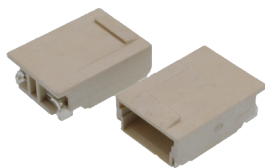
105



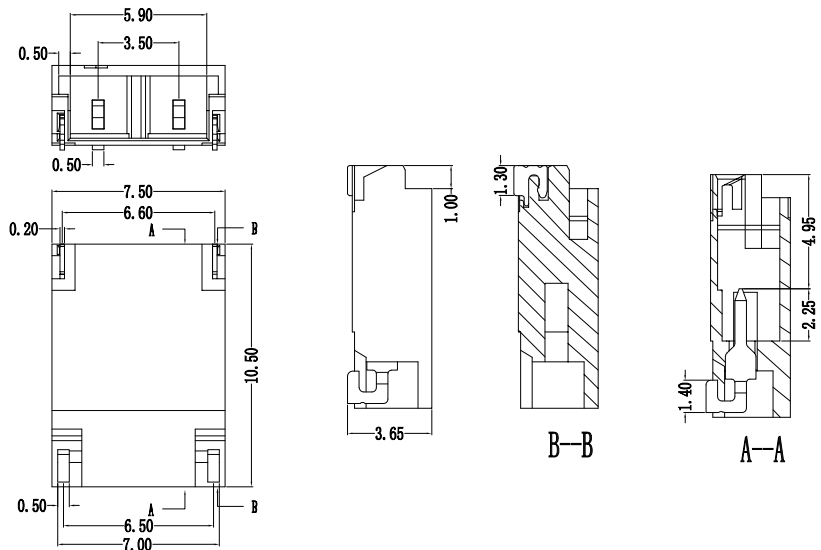
3.5-2P-9T



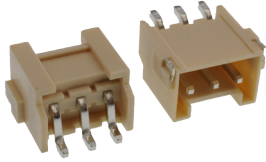
106



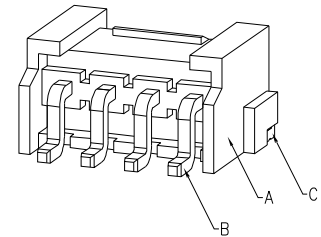
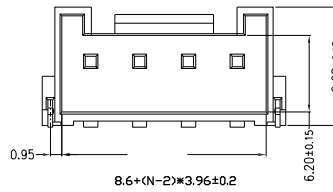
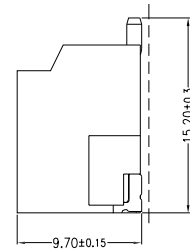
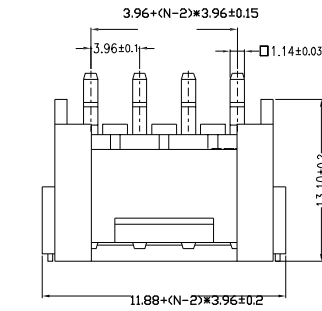
3.5-2P with Buckle



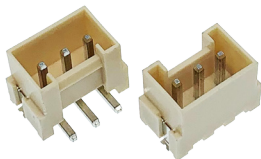
107



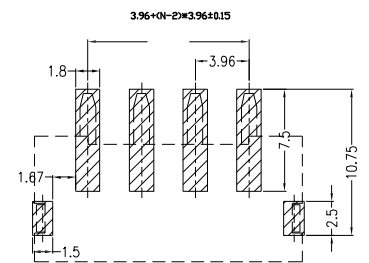
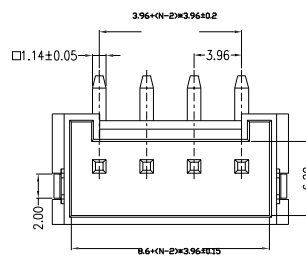
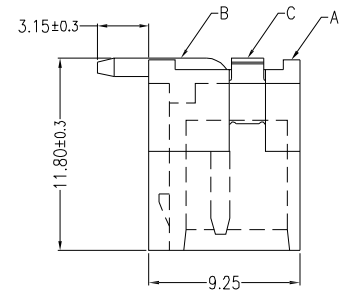
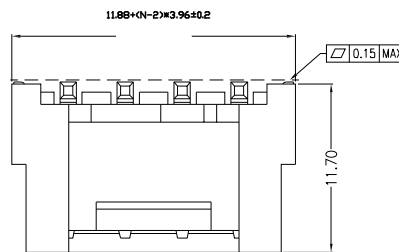
VH3.96 Horizontal Type
VH3.96-nPWB



108

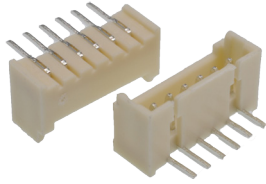


VH3.96 Vertical Type
VH3.96-nPB

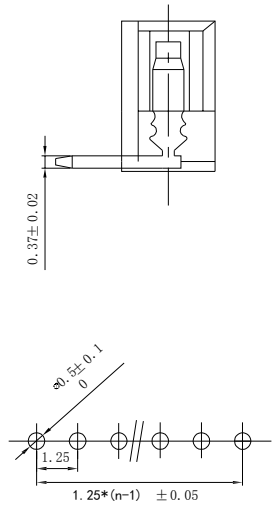
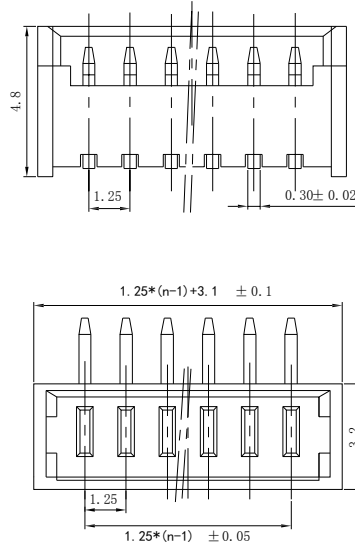


Mating PCB detail

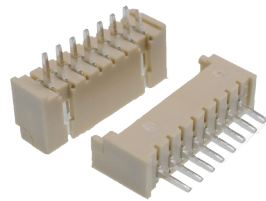
109



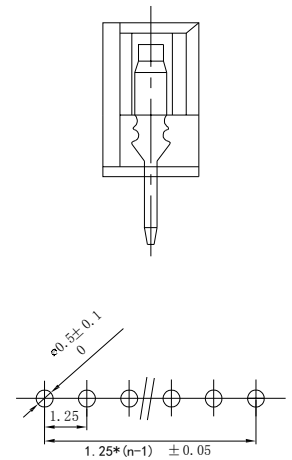
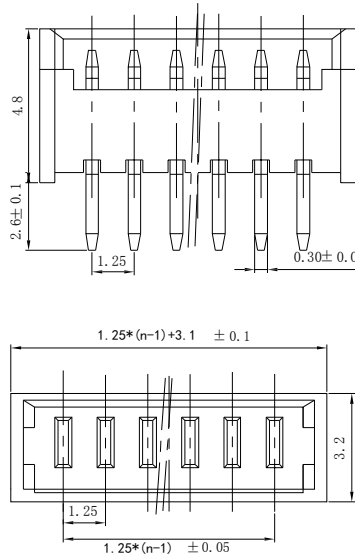
1.25 DIP 90°



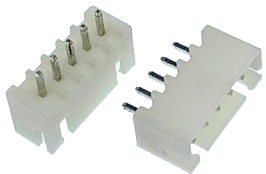
110



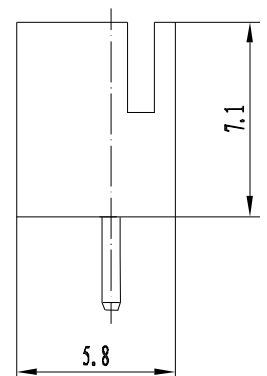
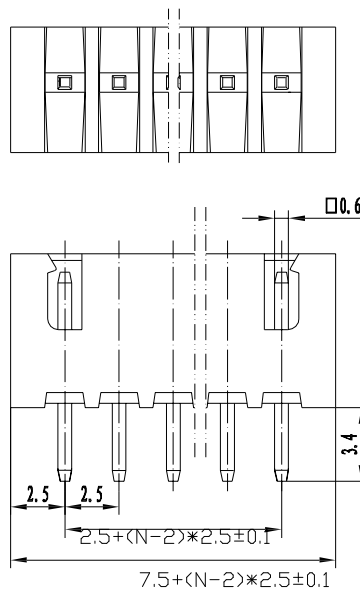
1.25 DIP 180°



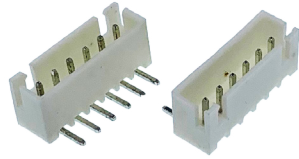
111



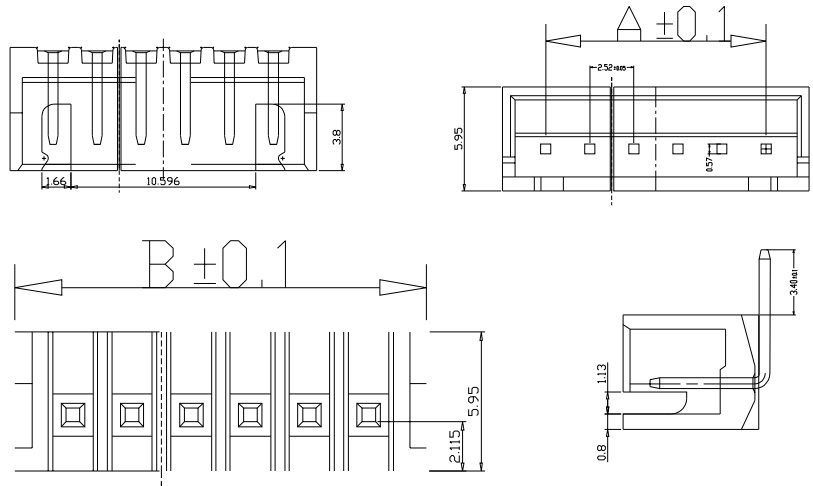
2.54 DIP 180°



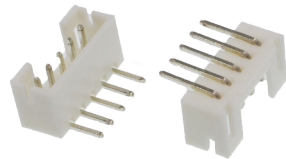
112



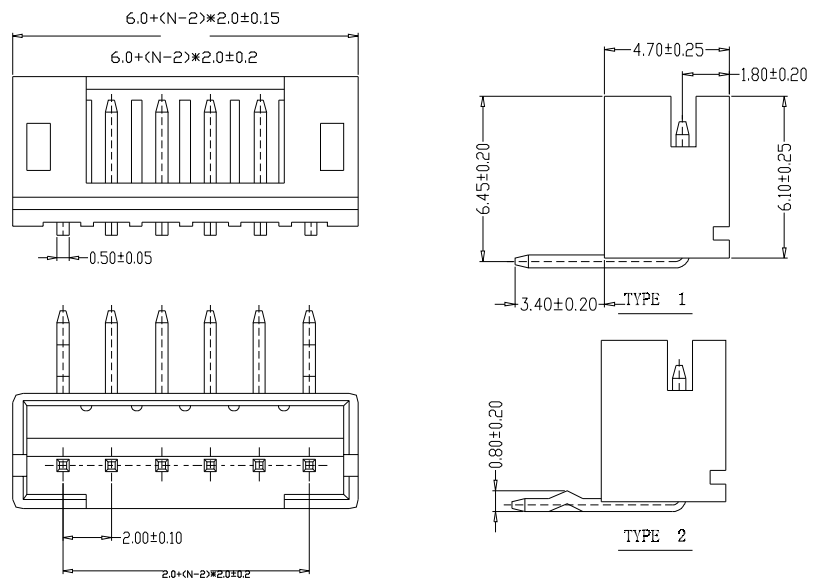
2.54 DIP 90°



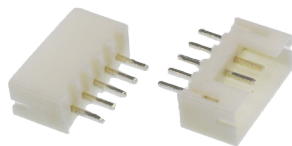
113



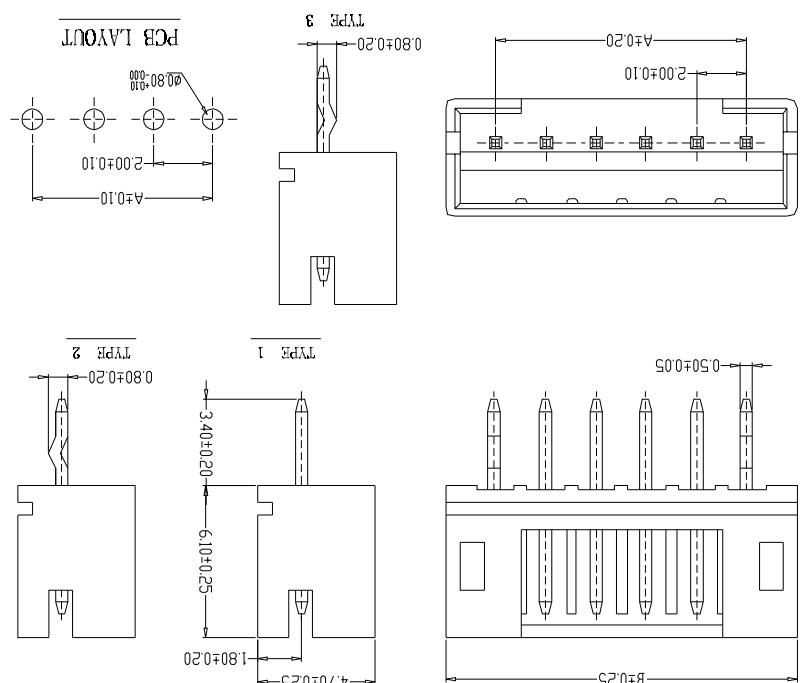
2.0 DIP 90°



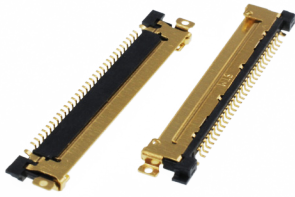
114



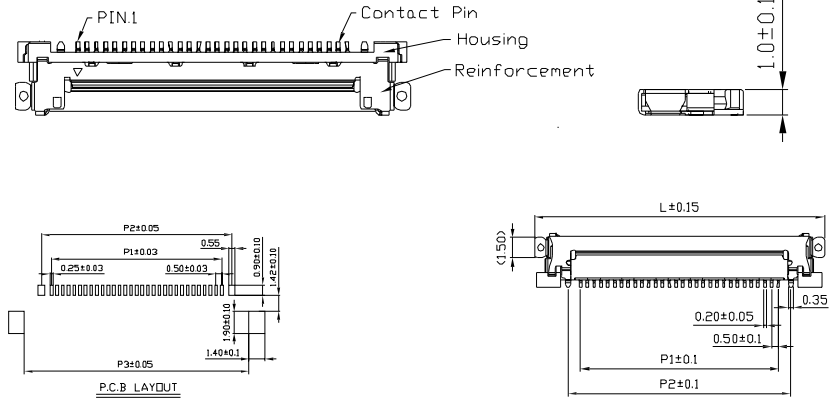
2.0 DIP 180°



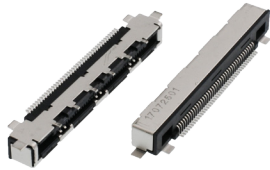
115



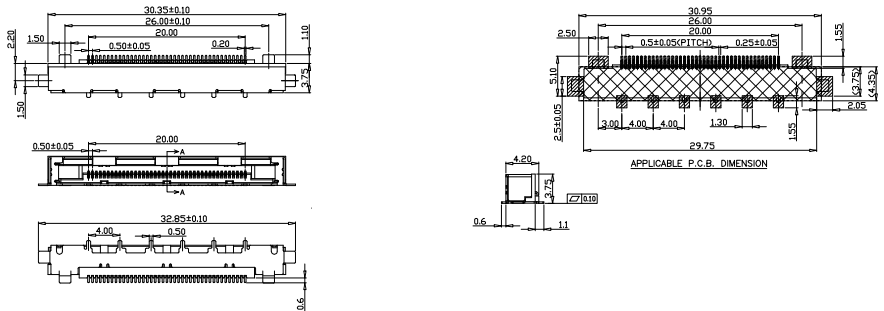
LVDS 0.5-30 40P H=1.00



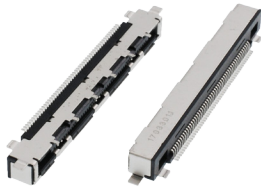
116



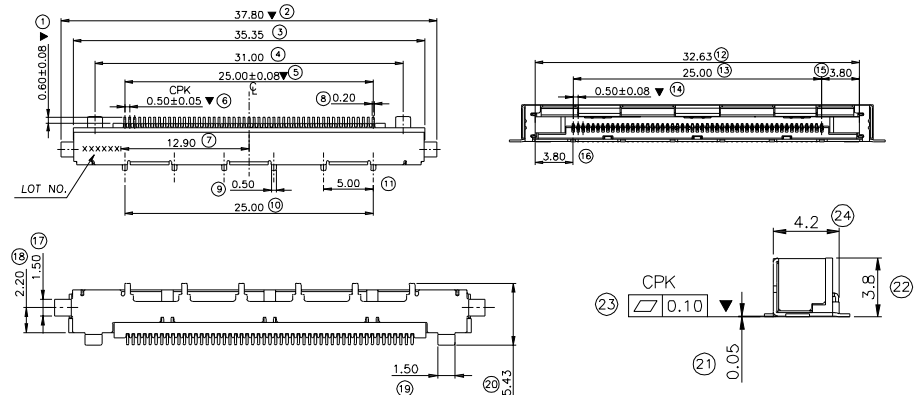
LVDS 0.5-41P SMT H=3.75



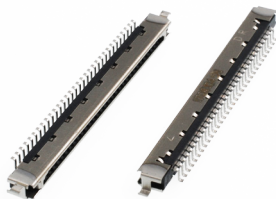
117



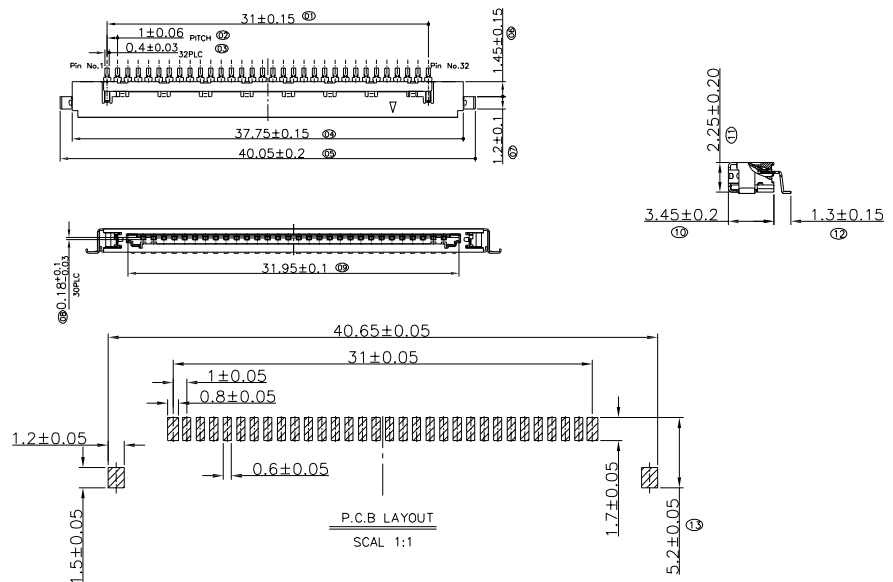
LVDS 0.5-51P SMT H=3.75



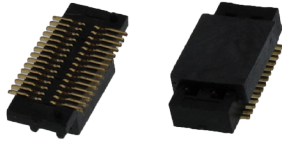
118



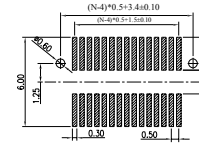
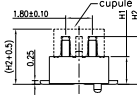
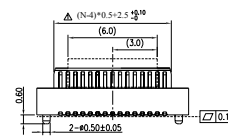
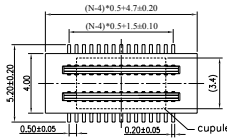
LVDS 1.0-30P On Board H=2.3



119



0.5 Double Slot BTB Black

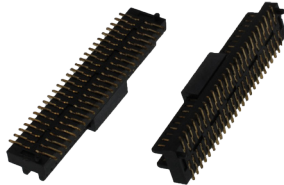


产品名称: 0.5 BOARD TO BOARD SMT V/T TYPE MALE

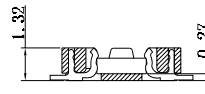
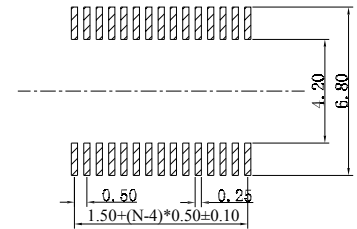
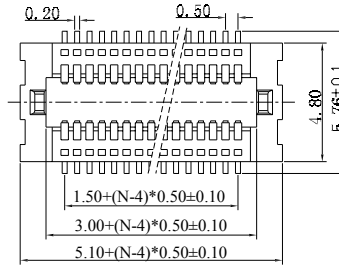
料号: BB161-00000000

PACKING: E: TUBE
R: CARRIER REEL
MATING HEIGHT:
30---3.0 height
35---3.5 height
40---4.0 height
45---4.5 height
50---5.0 height
55---5.5 height
60---6.0 height
PIN
PLATING: C:GOLD FLASH
0.5 BOARD TO BOARD FEMALE WITH CUPULE TYPE
MSTCONN BTB CONNECTOR SERIES

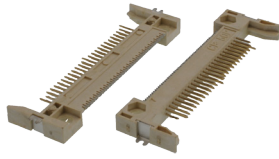
120



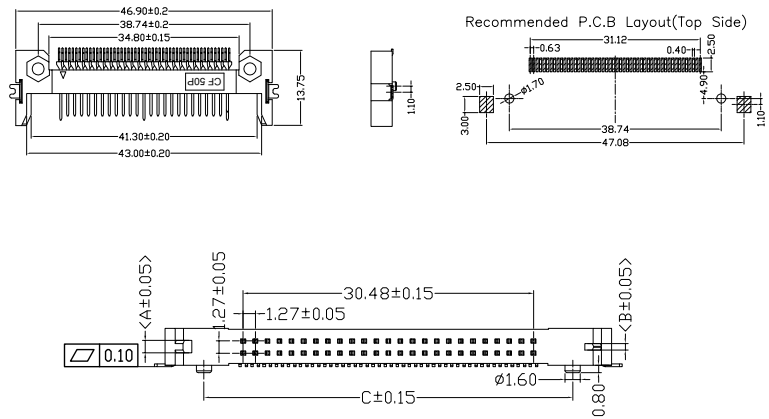
Female BTB without Column



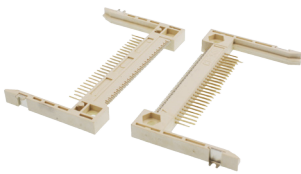
121



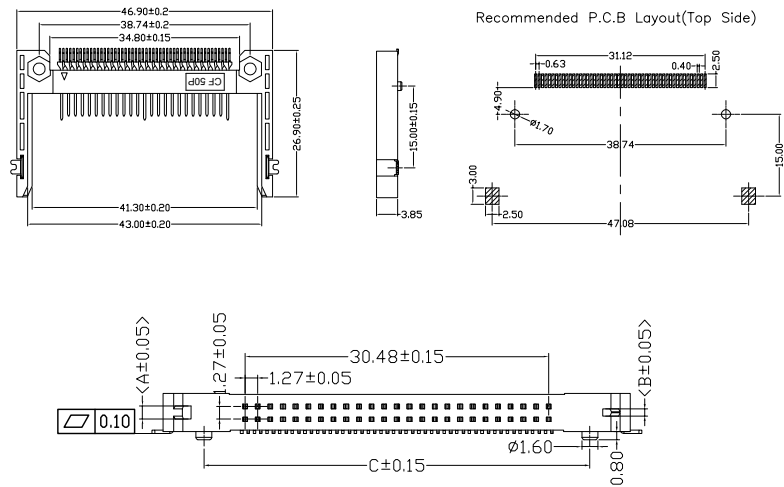
CF Short Arm L=13.75



122



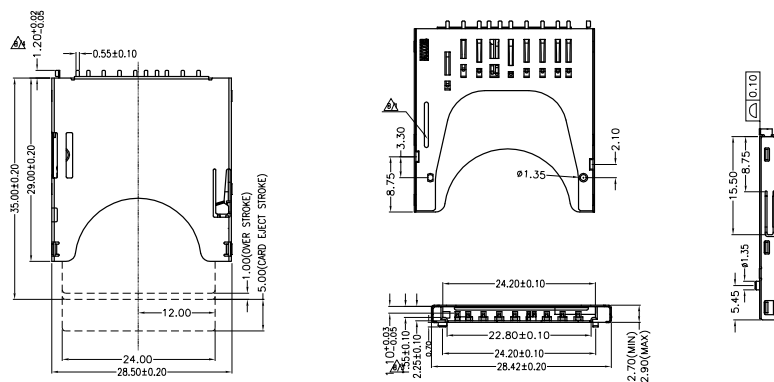
CF Long Arm L=26.9



123

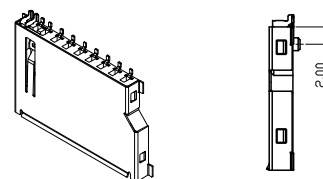
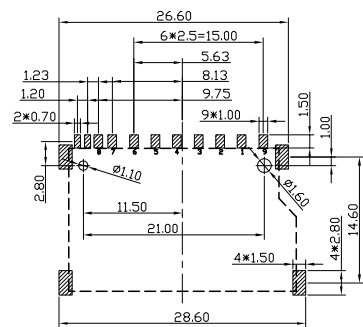
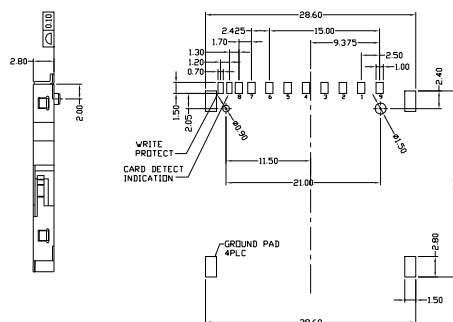


SD PUSH-PUSH Type

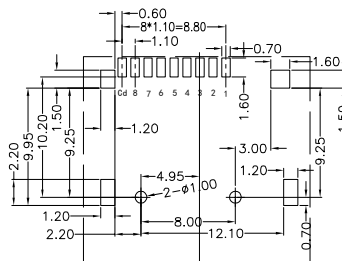
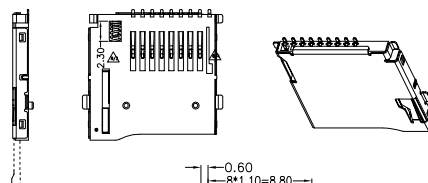
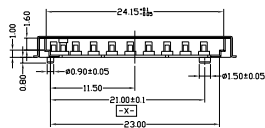


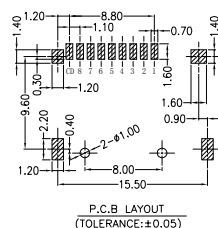
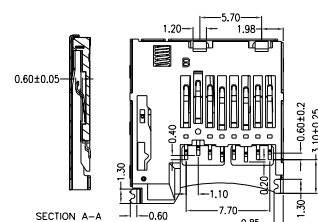
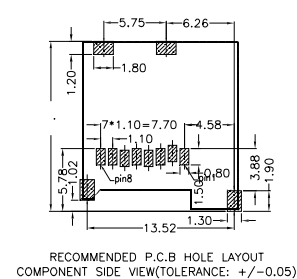
Technical drawing of the front view of a rectangular component. The drawing shows a rectangular body with a central vertical slot and a horizontal slot. Dimensions are indicated as follows:

- Overall width: 24.40
- Overall height: 16.60
- Top edge features:
 - 6 x 2.5 = 15.00 (total length of 6 small rectangular features)
 - 5.63 (width of the first feature)
 - 9.75 (width of the central feature)
 - 8.13 (width of the feature to the right of the center)
 - 0.50 typ (typical width of the small rectangular features)
- Internal dimensions:
 - 1.23 (height of the top flange)
 - 1.20 (height of the bottom flange)
 - 1.40 (height of the central vertical slot)
 - 26.40 (width of the central vertical slot)
 - 22.80 (width of the bottom flange)

[illegible]

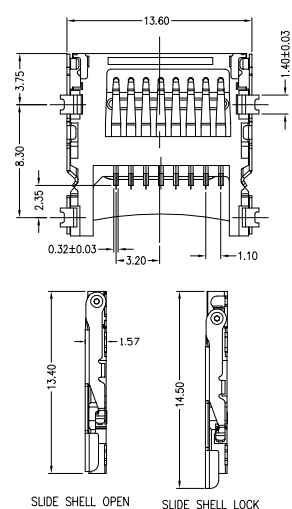
RECOMMEND P.C.B. LAYOUT
(TOLERANCES $\pm 0.10\text{mm}$)





P.C.B LAYOUT
(TOLERANCE:±0.05)

Figure 1: Recommended PCB layout for the 100-pin DIP package. The diagram shows a top-down view of the package with dimensions in millimeters. Key dimensions include a total width of 15.20mm, a central width of 13.60mm, and a pin pitch of 1.27mm. The package is 2.00mm high. The layout includes a central area for the chip, surrounded by a shell lock and shell open area. A legend indicates that the dashed line represents the product outline and the hatched area represents the solder mask.

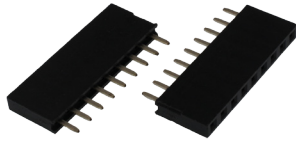




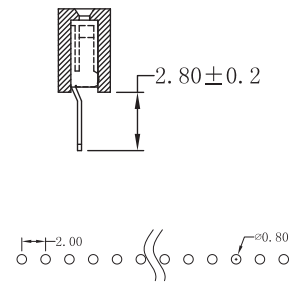
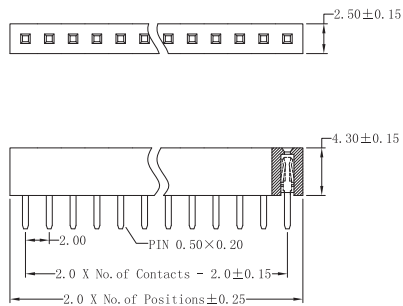
Technical drawings of the 100mm x 100mm x 10mm aluminum extrusion profile. The drawings include a front view (top), a side view (bottom), a cross-section (left), and a detail view of the flange (right). Dimensions are given in millimeters with tolerances. Key features include a central slot, a top flange, and a bottom flange. The cross-section shows a T-shaped profile with a central slot. The side view shows the profile's length and the position of the flanges. The detail view shows the flange's thickness and the slot's width.

[illegible]

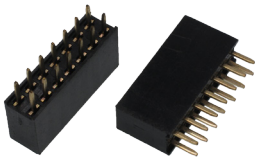
133



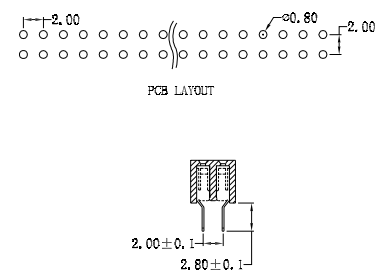
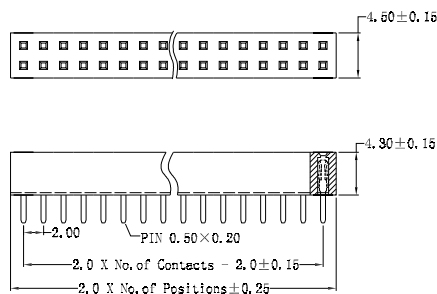
2.0 Single Row Female Header H=4.3



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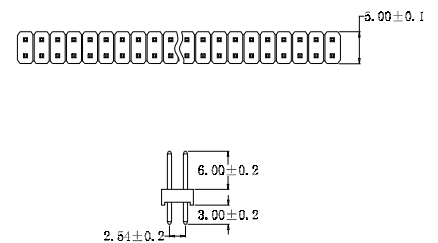
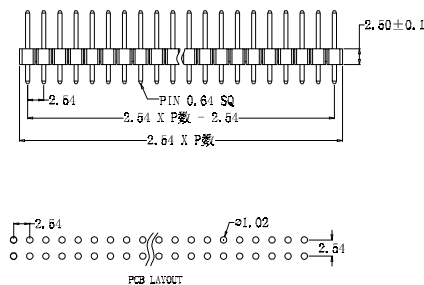
2.0 Double Row Female Header H=4.3



135



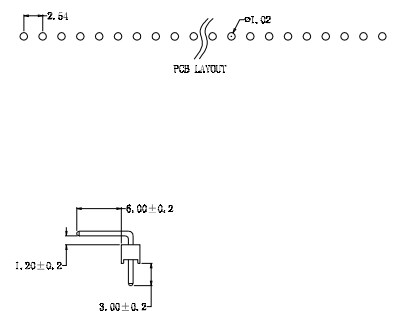
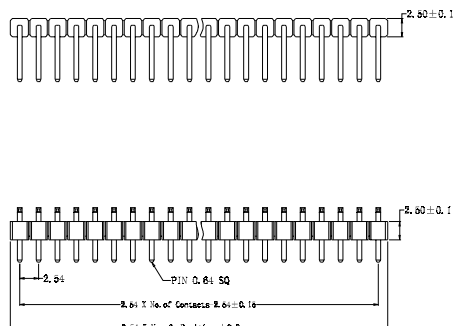
2.54 Double Row 180° Pin Header



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2.54 Single Row 90° Pin Header



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深圳市启崴源电子有限公司

SHENZHEN QIWEIYUAN ELECTRONIC CO.,LTD.

ADD:No.480, State Road 107, Songgang Town, Bao'an District, Shenzhen

TEL:0086-0755-27892493

FAX:0086-0755-27890184

Website:www.qwyconn.com

Alibaba Website:qwyconn.en.alibaba.com

Email:xing@qwyconn.com