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SHENZHEN YOUTE ELECTRONIC CO., LTD.

BRIEF INTRODUCTION

优特电子专业致力于连接器研发、制造、销售，多年来秉持创新的研发精神、严谨的管理风格、及对完美质量之坚持，成功的开发了SFP、RJ11、RJ45、USB、HDMI、SATA及排针排母等系列产品并推向市场。产品广泛用于通讯、安防、计算机、多媒体、数码家电等相关领域。

公司拥有先进工艺制造设备，完善的检验设施，健全的管理制度和质量体系，及经验丰富的技术与管理人才，积极推动连接器领域尖端技术的开发和运用。持续提升品质、实现客户价值是我们的经营理念，保护环境、回馈社会是我们经营的责任。公司始终如一贯彻这一理念和责任，希望与各界朋友携手共进！共创辉煌！

Youte Electronic is professional on connectors R&D ,manufacturing and sales. Over the years we always insisted on product innovation, rigorous management style and high quality, developed various products such as SFP、RJ11、RJ45、USB、HDMI、SATA、PH and FH series, and brought to market successfully. They are widely used in communications, security, computer, multi-media, digital appliances, etc.

The company owns advanced manufacturing equipment and testing facilities, perfect management and quality system, especially more experience in tech and management. We actively promote the development and application of cutting-edge technology in the filed of connector. Consistent quality improvement and customer service is our business philosophy. Environment protecting and benefit society is our responsibility. We consistently implement the concept and duty, sincerely willing to work together with all the friends to create brilliant!



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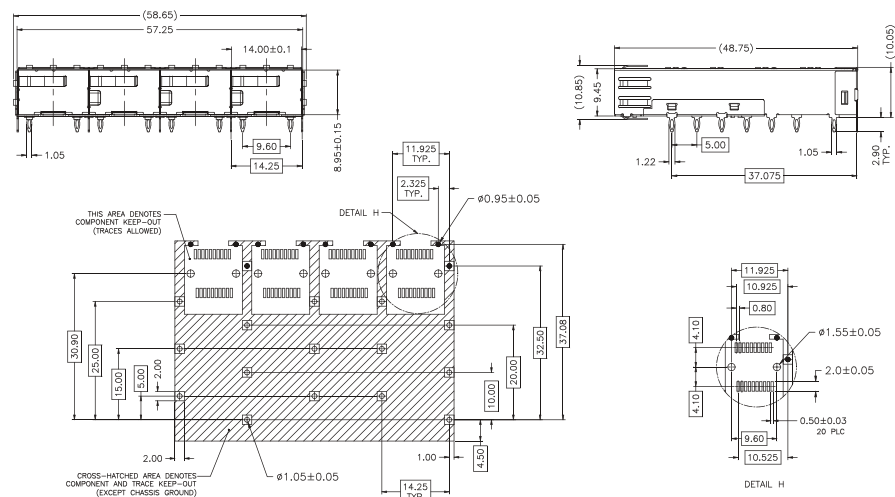
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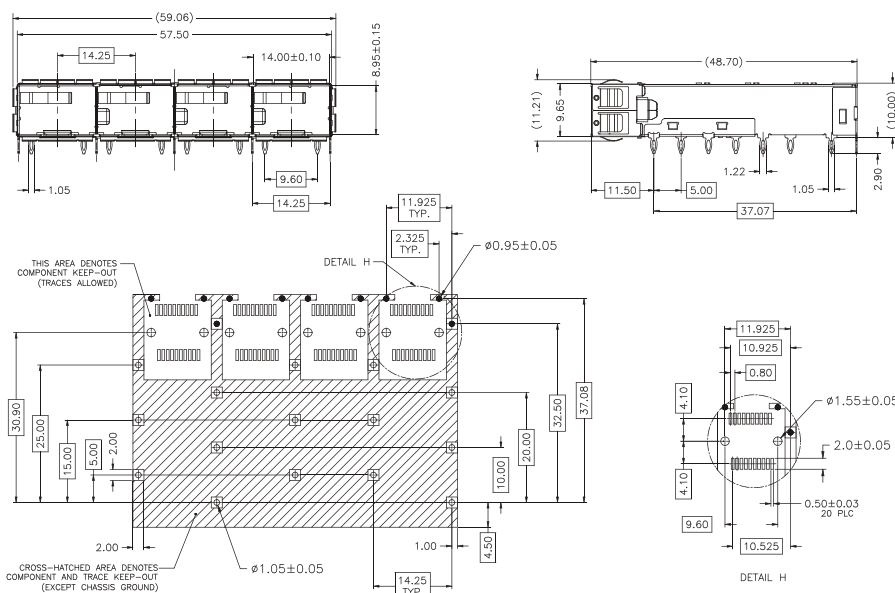
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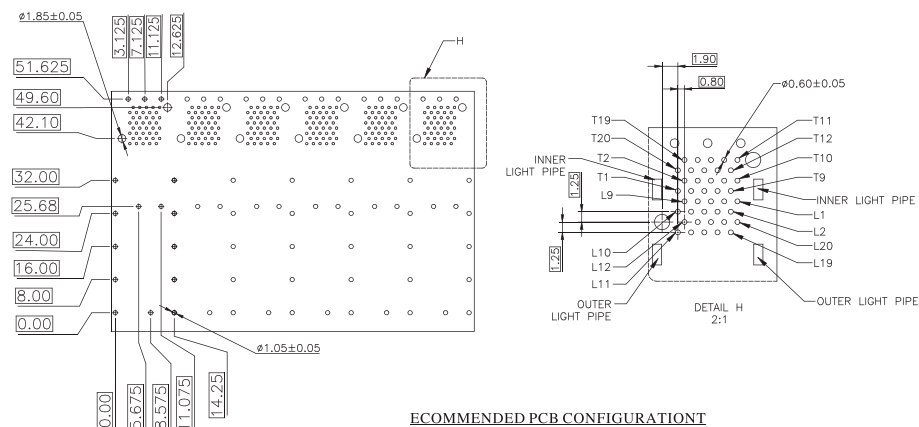
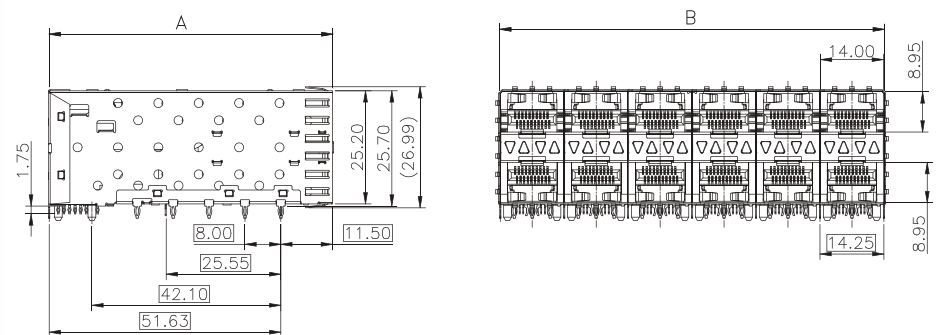


1603.4XX0.XXXXX



1624.4XX0.XXXXX

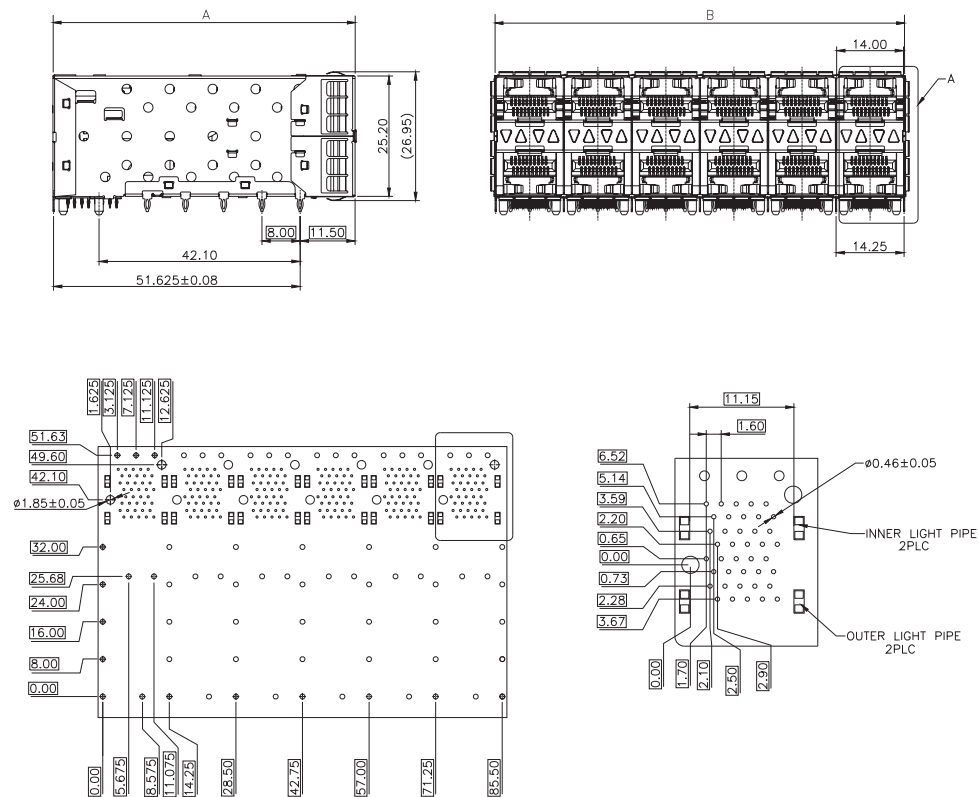
SFP & SFP+ CONNECTOR



1611.1XXX.XXXXX

SIZE	PORT	2X1	2X2	2X4	2X6
A		63.25	63.25	63.25	63.25
B		14.50	28.75	57.25	85.75

SFP & SFP+ CONNECTOR

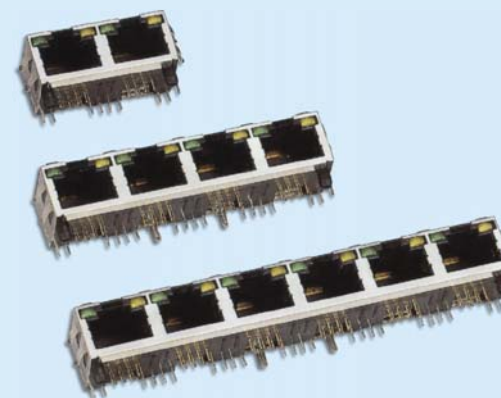


RECOMMENDED PCB CONFIGURATION

1132.XX1XX.9XXXXX

SIZE	PORT	2X1	2X2	2X4	2X6
A		63.25	63.25	63.25	63.25
B		14.75	29.00	57.50	86.00

RJ CONNECTOR



5631 SERIES

Specification Characteristic

1. **Port:** 1*1/1*2/1*3/1*4/1*5/1*6/1*8
2. **Position Number:** 8 Positions
3. **Contact Number:** 8 Contacts
4. **Peg:** None/1Peg/2 Peg/3 Peg
5. **Shielding:** Nonshielded/Shielded/Shielded with EMI finger
6. **LED:** LED/Without LED

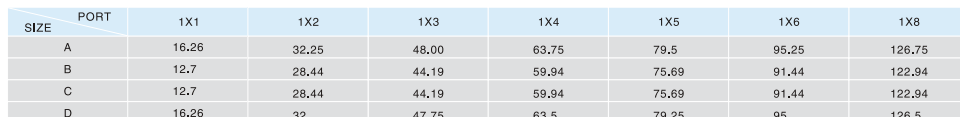
Material

1. **Housing:** Nylon.PBT (UL94V-0)
Color: Black or other colors are available
2. **Contact Pin**
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel. Plate $Fu''/3u''/6u''/15u''/30u''/50u''$ min. Hard gold on top of 100u" nickel plated.
Flat Pin: 0.35mm phosphor bronze plated with $3u''/6u''/15u''/30u''/50u''$ min hard gold over 2.45um (100u") nickel
3. **LED:** Type-3.1(W)X1.9(T)X4.1(T)P=2.54
4. **Shielding:** 0.2mm thickness brass with nickel plated.

Product Encoding Rule

1124.XXXXX.XXXXXX

- Sequence Code
- Plating:<1-Fu"; 2-3u"; 3-6u";...>
- LED:<0-w/o LED; 1-Y/G; 2-G/Y;...>
- Shielded side leg:<0-w/o Leg; 6-Back Leg3.56>
- Contact Pin:<1-Round Pin; 2-Flat Pin>
- EMI finger: <0-0 finger; 1-5 fingers; 2-6 fingers; 3-7 fingers;...>
- Classify:<1-8P8C; 2-8P4C(1236); 3-8P4C(3456)>
- Shielding:<0-Non-Shielded; 1-Shielded with 0 Back peg;3-Shielded with 1 Back peg; ...>
- Port:<1-1*1; 2-1*2; 3-1*3; 4-1*4; 5-1*5; 6-1*6; 7-1*7; 8-1*8>
- Product Series



5931 SERIES

Specification	Characteristic
1.1	1.1.1
1.2	1.2.1
1.3	1.3.1
1.4	1.4.1
1.5	1.5.1
1.6	1.6.1
1.7	1.7.1
1.8	1.8.1
1.9	1.9.1
1.10	1.10.1
1.11	1.11.1
1.12	1.12.1
1.13	1.13.1
1.14	1.14.1
1.15	1.15.1
1.16	1.16.1
1.17	1.17.1
1.18	1.18.1
1.19	1.19.1
1.20	1.20.1
1.21	1.21.1
1.22	1.22.1
1.23	1.23.1
1.24	1.24.1
1.25	1.25.1
1.26	1.26.1
1.27	1.27.1
1.28	1.28.1
1.29	1.29.1
1.30	1.30.1
1.31	1.31.1
1.32	1.32.1
1.33	1.33.1
1.34	1.34.1
1.35	1.35.1
1.36	1.36.1
1.37	1.37.1
1.38	1.38.1
1.39	1.39.1
1.40	1.40.1
1.41	1.41.1
1.42	1.42.1
1.43	1.43.1
1.44	1.44.1
1.45	1.45.1
1.46	1.46.1
1.47	1.47.1
1.48	1.48.1
1.49	1.49.1
1.50	1.50.1
1.51	1.51.1
1.52	1.52.1
1.53	1.53.1
1.54	1.54.1
1.55	1.55.1
1.56	1.56.1
1.57	1.57.1
1.58	1.58.1
1.59	1.59.1
1.60	1.60.1
1.61	1.61.1
1.62	1.62.1
1.63	1.63.1
1.64	1.64.1
1.65	1.65.1
1.66	1.66.1
1.67	1.67.1
1.68	1.68.1
1.69	1.69.1
1.70	1.70.1
1.71	1.71.1
1.72	1.72.1
1.73	1.73.1
1.74	1.74.1
1.75	1.75.1
1.76	1.76.1
1.77	1.77.1
1.78	1.78.1
1.79	1.79.1
1.80	1.80.1
1.81	1.81.1
1.82	1.82.1
1.83	1.83.1
1.84	1.84.1
1.85	1.85.1
1.86	1.86.1
1.87	1.87.1
1.88	1.88.1
1.89	1.89.1
1.90	1.90.1
1.91	1.91.1
1.92	1.92.1
1.93	1.93.1
1.94	1.94.1
1.95	1.95.1
1.96	1.96.1
1.97	1.97.1
1.98	1.98.1
1.99	1.99.1
1.100	1.100.1

- 1. Port:** 2*1/2*2/2*3/2*4/2*6/2*8
- 2. Position Number:** 8 Positions
- 3. Contact Number:** 8 Contacts
- 4. Peg:** None/1 Peg/2 Peg/3 Peg
- 5. Shielding:** Shielded/Shielded with EMI finger.
- 6. EMI:** Backward EMI finger/ Forward EMI finger.
- 7. LED:** LED/Without LED

Material

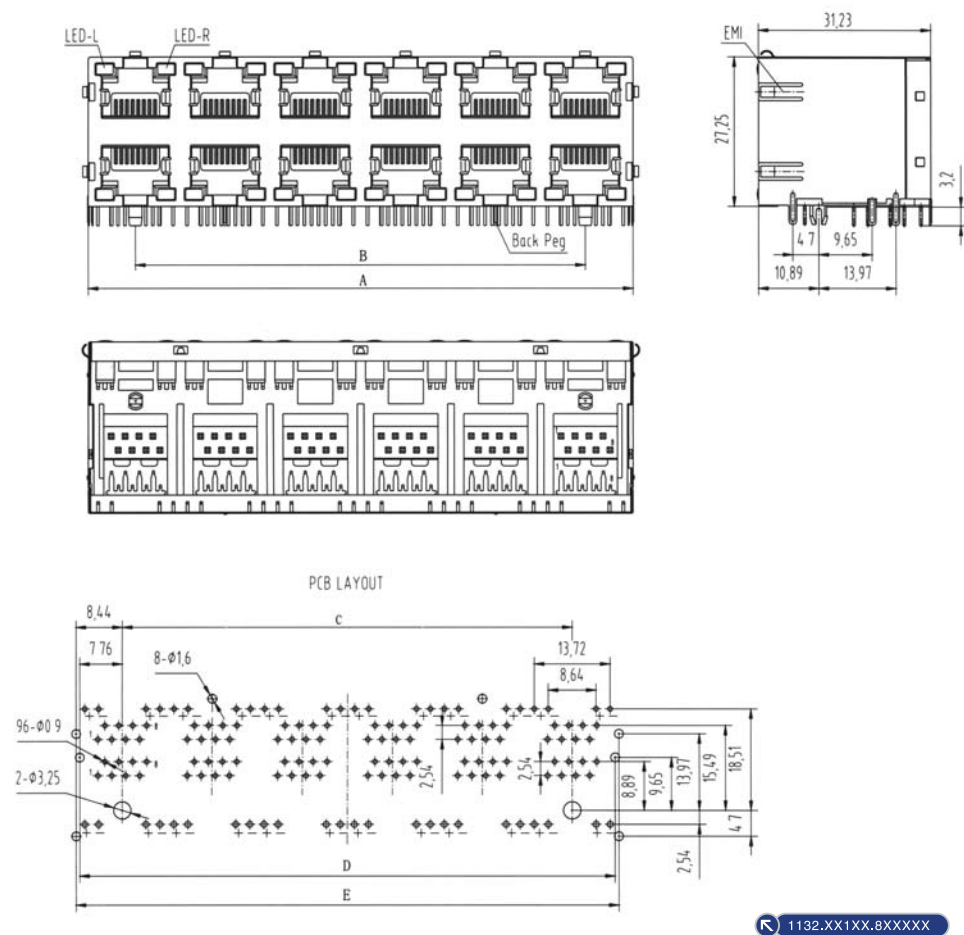
- 1. Housing:** Nylon.PBT (UL94V-0)
Color: Black or other colors are available
- 2. Contact Pin**
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel. Plate $Fu^{+}/3u^{+}/6u^{+}/15u^{+}/30u^{+}/50u^{+}$ min.Hard gold on top of 100u" nickel plated.
Flat Pin: 0.35mm phosphor bronze plated with $3u^{+}/6u^{+}/15u^{+}/30u^{+}/50u^{+}$ min hard gold over 2.45um (100u") nickel
- 3. LED:** Type-3.1(W)X1.9(T)X4.1(T)P=2.54
- 4. Shielding:** 0.2mm thickness brass with nickel plated.

Product Encoding Rule

1132. X X X X X. X X X XXX

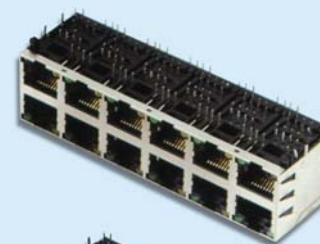
- Sequence Code
- Plating: <1-Fu"; 2-3u"; 3-6u";...>
- LED: <1-Y/G; 2-G/Y;...>
- Shielded side leg: < 8-Front Leg 4.7>
- Contact Pin: <1-Round Pin; 2-Flat Pin>
- EMI finger: <0-0 finger; 1-5 Backward EMI fingers;... N-4 Forward fingers;...>
- Classify: <1-8P8C>
- Shielding: <1-Shielded with 0 Back peg; 3- Shielded with 1 Back peg; ...>
- Port: <A-2*1; B-2*2; C-2*3; D-2*4; F-2*6; G-2*8>
- Product Series

RJ CONNECTOR



SIZE	PORT	2X1	2X2	2X3	2X4	2X6	2X8
A		17.13	33.39	49.65	65.91	98.43	130.95
B		12.7	16.26	32.52	48.78	81.3	113.82
C		12.7	16.26	32.52	48.78	81.3	113.82
D		15.52	31.78	48.04	64.3	96.82	129.34
E		16.88	33.14	49.4	65.66	98.18	130.70

RJ CONNECTOR



5963 SERIES

Specification Characteristic

1. Port: 2*1/2*2/1*3/2*4/2*6/2*8
2. Position Number: 8 Positions
3. Contact Number: 8 Contacts
4. Peg: None/1 Peg/2 Peg/3 Peg
5. Shielding: shielded/shielded with EMI finger
6. EMI: Backward EMI/Forward EMI
7. LED: LED/Without LED.

Material

1. Housing: Nylon,PBT (UL94V-0)
Color: Black or other colors are available
2. Contact Pin
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel.
Plate Fu"/3u"/6u"/15u"/30u"/50u" min.Hard gold on top of 100u" nickel plated.
Flat Pin: 0.35mm phosphor bronze plated with 3u"/6u"/15u"/30u"/50u" min hard gold over 2.45um (100u") nickel
3. LED: Type-3.1(W)X1.9(T)X4.1(T)P=2.54
4. Shielding: 0.2mm thickness brass with nickel plated.

Specifications

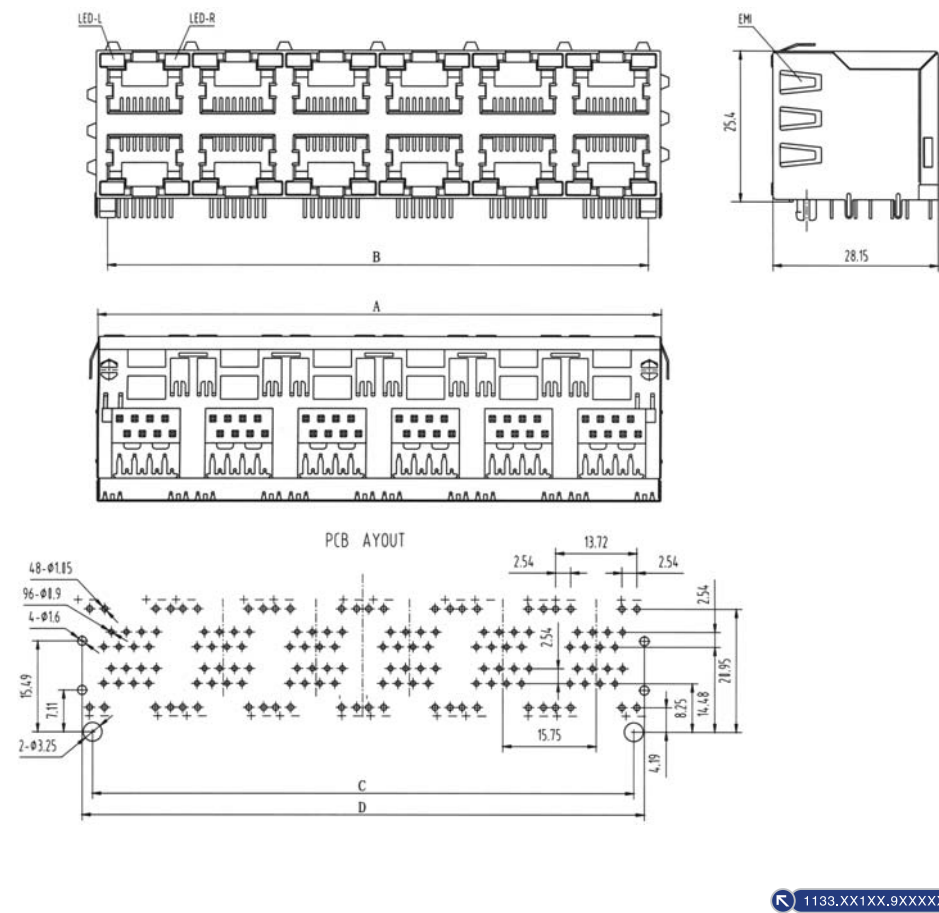
- Electrical**
1. Current Rating: 1.5Amp Max. @25°C
 2. Voltage Rating: 125Voits AC max
 3. Insulation Resistance: 500 Megohms min
 4. Contact Resistance: 30 Milliohms max
 5. Dielectric Withstanding Voltage: 1000Vrms,50Hz or 60Hz 1 minute.
 6. Shielding Effectiveness: 20dB min,10 to 200MHz.

Product Encoding Rule

1133.XXXXX.XXXXX

- Sequence Code
- Plating:<1-Fu"; 2-3u"; 3-6u";...>
- LED:<1-Y/G; 2-G/Y;...>
- Shielded side leg:< 8-Back Leg7.11>
- Contact Pin:<1-Round Pin; 2-Flat Pin>
- EMI finger: <0-0 finger; 1-5 Backward EMI fingers; 2-6 Backward EMI fingers;...>
- Classify:<1-8P8C>
- Shielding:<1-Shielded with 0 Back peg>
- Port:<A-2*1; B-2*2; C-2*3; D-2*4; F-2*6; G-2*8>
- Product Series

RJ CONNECTOR



SIZE	PORT	2X1	2X2	2X3	2X4	2X6	2X8
A		16.5	32.25	48.0	63.75	95.25	126.75
B		12.69	28.44	44.19	59.94	91.44	122.94
C		12.69	28.44	44.19	59.94	91.44	122.94
D		16.25	32	47.75	63.5	95	126.5

RJ CONNECTOR

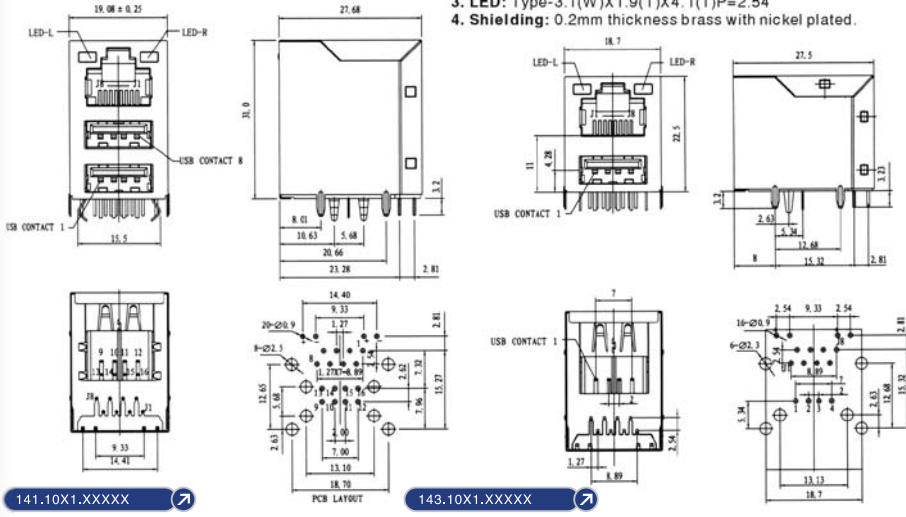


Specifications

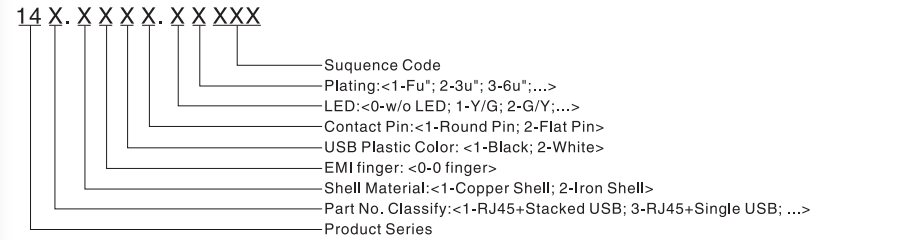
- 1. Current Rating: 1.5Amp Max. @ 25°C
- 2. Voltage Rating: 125Volts AC max
- 3. Insulation Resistance: 500 Megohms min
- 4. Contact Resistance: 30 Milliohms max
- 5. Dielectric Withstanding Voltage: 1000Vrms, 50Hz or 60Hz 1 minute.
- 6. Shielding Effectiveness: 20dB min, 10 to 200MHz.

Material

- 1. Housing: Nylon.PBT (UL94V-0)
Color: Black or other colors are available
- 2. Contact Pin
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel, Plate $Fu/3u''/6u''/15u''/30u''/50u''$ min. Hard gold on top of 100u' nickel plated.
- 3. LED: Type-3.1(W)/X1.9(T)/X4.1(T)P=2.54
- 4. Shielding: 0.2mm thickness brass with nickel plated.



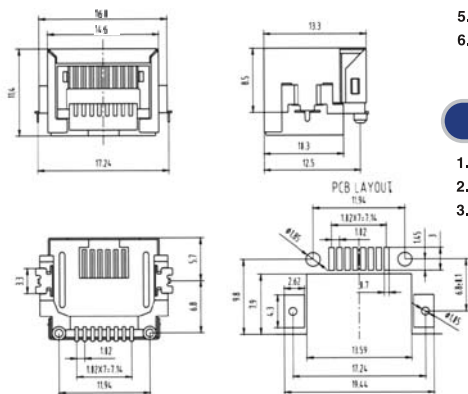
Product Encoding Rule



RJ CONNECTOR



6211 SERIES



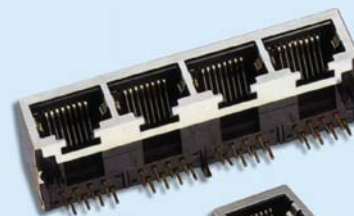
114X.111X2.0XXXXX

Product Encoding Rule

114X.XXXXX.XXXXX

- Sequence Code
- Plating:<2-3u"; 3-6u";...>
- LED:<0-w/o LED>
- Shielded side leg:< 0-w/o Leg>
- Contact Pin:<2-Flat Pin>
- EMI finger:<0-0 finger>
- Classify:<1-8P8C>
- Shielding:<0-Non-Shielded; 1-Shielded with 0 Back peg; 2-Half Shielded;...>
- Port:<1-1*1>
- Product Series:<41--Mid-Mount 8.6; 42--Mid-Mount 7.5;...>

RJ CONNECTOR



5622/5621 SERIES



Material

- Housing:** Nylon.PBT (UL94V-0)
Color: Black or other colors are available
- Contact Pin**
Flat Pin: 0.35mm phosphor bronze with 3u"/6u"/15u"/30u"/50u" min hard gold over 2.45um (100u") nickel
- Shielding:** 0.2mm thickness brass with nickel plated.

Specifications

- Electrical**
- Current Rating:** 1.5Amp Max. @25°C
 - Voltage Rating:** 125Volts AC max
 - Insulation Resistance:** 500 Megohms min
 - Contact Resistance:** 30 Milliohms max
 - Dielectric Withstanding Voltage:** 1000Vrms,50Hz or 60Hz 1 minute.
 - Shielding Effectiveness:** 20dB min, 10 to 200MHz.

Specification Characteristic

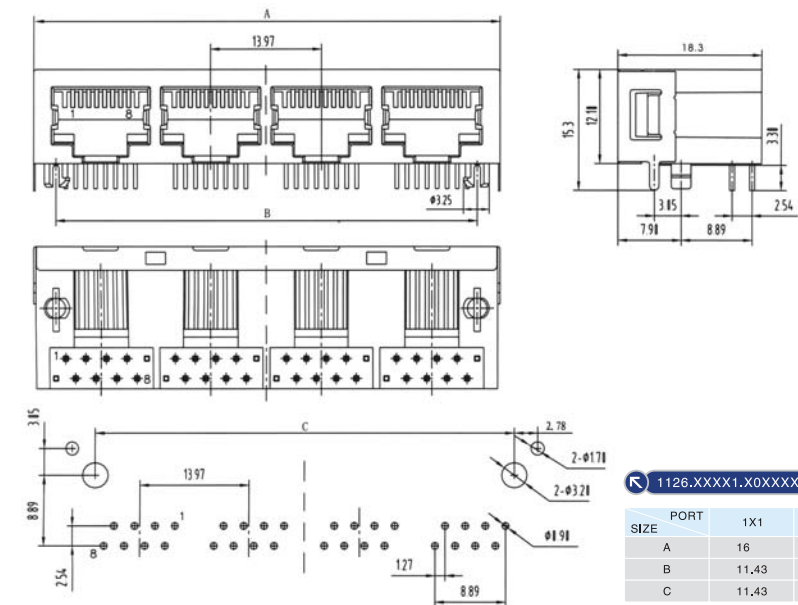
- Port:** 1*1/1*4
- Position Number:** 6 Positions/10 Positions
- Contact Number:** 6 Contacts/8 Contacts/10 Contacts
- Leg/Tab:** Back Leg 3.05/ Front Leg 3.05/ Front Leg 3.68/ Front Leg 4.57
- Shielding:** Non-Shielded/Half Shield/Shielded
- Contact Pin:** Round Pin

Product Encoding Rule

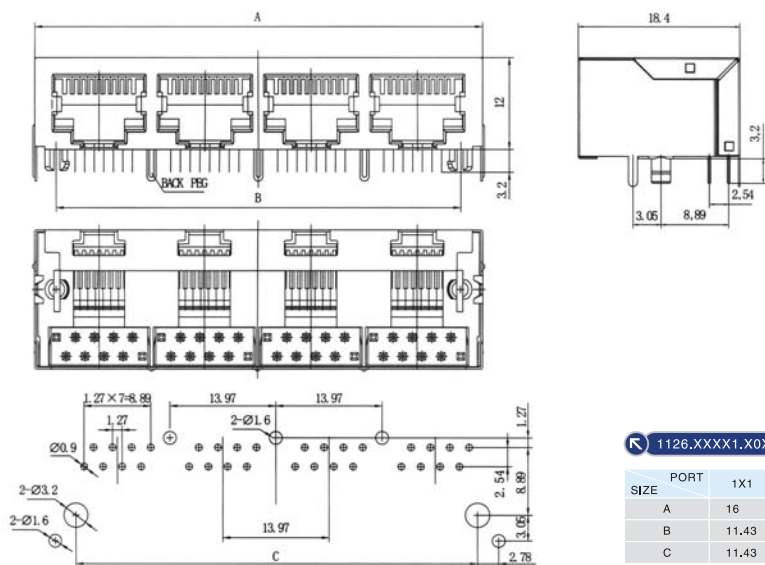
11XX.XXXXX.XXXXX

- Sequence Code
- Plating:<1-Fu"; 2-3u"; 3-6u";...>
- LED:<0-w/o LED>
- Shielded side leg:<0-w/o Leg; 3-Front Leg3.05; 4-Back Leg3.05>
- Contact Pin:<1-Round Pin>
- EMI finger:<0-0 finger; 1-5 fingers; 2-6 fingers; 3-7 fingers;...>
- Classify:<1-8P8C; 2-8P4C(1236); 3-8P4C(3456); 4-10P10C>
- Shielding:<0-Non-Shielded; 1-Shielded with 0 Back peg; 2-Half Shielded;...>
- Port:<1-1*1; 2-1*2; 3-1*3; 4-1*4; 5-1*5; 6-1*6; 7-1*7; 8-1*8>
- Product Series:<25-5621 Series; 26-5622 Series>

RJ CONNECTOR

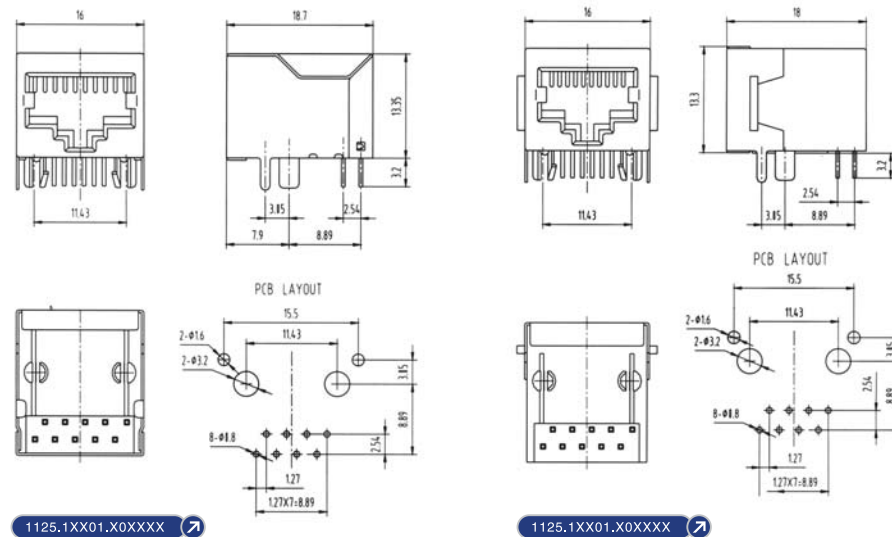


K 1126.XXXX1.X0XXXX			
SIZE \ PORT	1X1	1X2	1X4
A	16	31,24	59,18
B	11,43	25,4	53,34
C	11,43	25,4	53,34



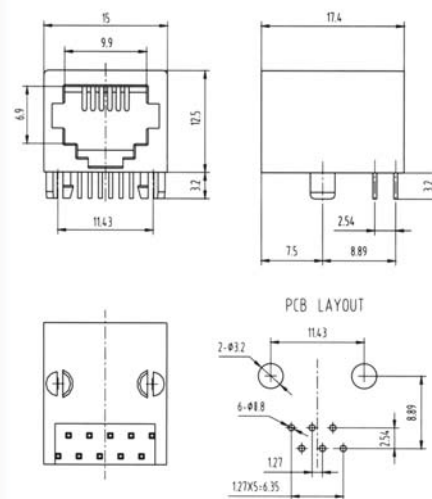
1126.XXXX1.X0XXXX				
SIZE \ PORT	1X1	1X2	1X4	1X6
A	16	31.24	59.18	87.12
B	11.43	25.4	53.34	81.28
C	11.43	25.4	53.34	81.28

RJ CONNECTOR



1125.1XX01.X0XXXX 

1125.1XX01.X0XXXX 

1125.1XX01.X0XXXX 

RJ CONNECTOR



5921 SERIES

Product Encoding Rule

XX 31. XXXXX.XXX XXX

- ```

— Sequence Code
— Plating:<1-Fu*; 2-3u*; 3-6u*;...>
— RJ45: LED:<0-w/o LED>
RJ11: Shielded side leg:<0-w/o Leg; 1-Front Leg4.57;...>
— RJ45: Shielded side leg:<0-w/o Leg; 1-Front Leg4.57; 2-Front Leg3.68;...>
RJ11: Plastic Color:<2-Black;...>
— Contact Pin:<1-Round Pin;2-Flat Pin>
— EMI finger:<0-0 finger; 1-5 Backward EMI fingers;... N-4 Forward fingers;...>
RJ45: Classify:<1-8P8C; 2-8P4C(1236); 3-8P4C(3456); 4-10P10C>
RJ11: Classify:<1-6P6C; 2-6P4C; 3-6P2C>
— Shielding:<0-Non-Shielded; 1-Shielded with 0 Back peg;2-Half Shielded;...>
— Port:<1-1*1;...8-1*8; A-2*1;...G-2*8>
— Product Series
— <11-RJ45: 12-RJ11>

```

## Material

- 1. Housing:** Nylon,PBT (UL94V-0)  
**Color:** Black,Gray or other colors are available.
- 2. Contacts**  
**Round Pin:** 0.46mm diameter phosphor bronze gold plating over nickel.  
 Plate  $\text{Cu}/3\mu"/6\mu"/15\mu"/30\mu"/50\mu"$  min.Hard gold on top  
 of 100u" nickel plated.
- 3. Shielding:** 0.2mm thickness brass with nickel plated.

## Specifications

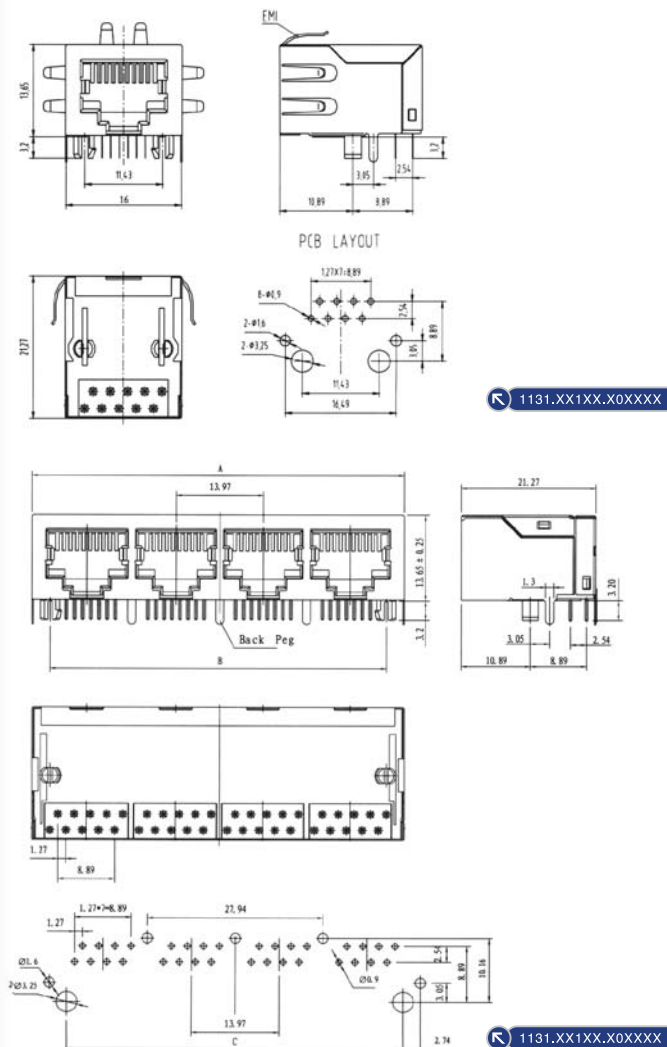
## Electrical

1. **Current Rating:** 1.5Amp Max. @25°C
2. **Voltage Rating:** 125Volts AC max
3. **Insulation Resistance:** 500 Megohms min
4. **Contact Resistance:** 30 Milliohms max
5. **Dielectric Withstanding Voltage:** 1000Vrms,50Hz or 60Hz 1minute.
6. **Shielding Effectiveness:** 20dB min. 10 to 200MHz.

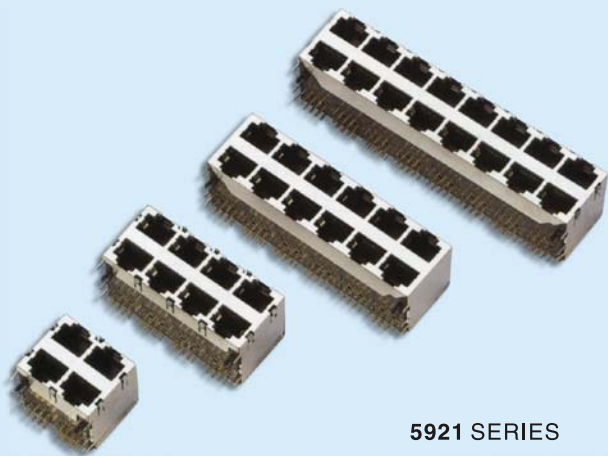
| Specification | Characteristic |
|---------------|----------------|
| 1             | 1              |
| 2             | 2              |
| 3             | 3              |
| 4             | 4              |
| 5             | 5              |
| 6             | 6              |
| 7             | 7              |
| 8             | 8              |
| 9             | 9              |
| 10            | 10             |
| 11            | 11             |
| 12            | 12             |
| 13            | 13             |
| 14            | 14             |
| 15            | 15             |
| 16            | 16             |
| 17            | 17             |
| 18            | 18             |
| 19            | 19             |
| 20            | 20             |
| 21            | 21             |
| 22            | 22             |
| 23            | 23             |
| 24            | 24             |
| 25            | 25             |
| 26            | 26             |
| 27            | 27             |
| 28            | 28             |
| 29            | 29             |
| 30            | 30             |
| 31            | 31             |
| 32            | 32             |
| 33            | 33             |
| 34            | 34             |
| 35            | 35             |
| 36            | 36             |
| 37            | 37             |
| 38            | 38             |
| 39            | 39             |
| 40            | 40             |
| 41            | 41             |
| 42            | 42             |
| 43            | 43             |
| 44            | 44             |
| 45            | 45             |
| 46            | 46             |
| 47            | 47             |
| 48            | 48             |
| 49            | 49             |
| 50            | 50             |
| 51            | 51             |
| 52            | 52             |
| 53            | 53             |
| 54            | 54             |
| 55            | 55             |
| 56            | 56             |
| 57            | 57             |
| 58            | 58             |
| 59            | 59             |
| 60            | 60             |
| 61            | 61             |
| 62            | 62             |
| 63            | 63             |
| 64            | 64             |
| 65            | 65             |
| 66            | 66             |
| 67            | 67             |
| 68            | 68             |
| 69            | 69             |
| 70            | 70             |
| 71            | 71             |
| 72            | 72             |
| 73            | 73             |
| 74            | 74             |
| 75            | 75             |
| 76            | 76             |
| 77            | 77             |
| 78            | 78             |
| 79            | 79             |
| 80            | 80             |
| 81            | 81             |
| 82            | 82             |
| 83            | 83             |
| 84            | 84             |
| 85            | 85             |
| 86            | 86             |
| 87            | 87             |
| 88            | 88             |
| 89            | 89             |
| 90            | 90             |
| 91            | 91             |
| 92            | 92             |
| 93            | 93             |
| 94            | 94             |
| 95            | 95             |
| 96            | 96             |
| 97            | 97             |
| 98            | 98             |
| 99            | 99             |
| 100           | 100            |

1. **Port:** 1X1/1X2/1X4/1X6/1X8
2. **Position Number:** 8 Positions/10 Positions
3. **Contact Number:** 8 Contacts/10 Contacts
4. **Leg/Tab:** Back Leg 3.05/ Front Leg 3.05/ Front Leg 3.68/ Front Leg 4.57
5. **Shielding:** Non-Shielded/ Half Shields/ Shields without EMI finger/ Shield with EMI finger.
6. **Contact Pin:** Round Pin/ Flat Pin
7. **Back Peg:** Without Back Peg/ 3 Back Peg

## RJ CONNECTOR



| SIZE | PORT | 1X1   | 1X2   | 1X4   | 1X5   | 1X6   | 1X8    |
|------|------|-------|-------|-------|-------|-------|--------|
| A    |      | 16.00 | 31.12 | 59.06 | 73.03 | 87.00 | 114.94 |
| B    |      | 11.43 | 25.4  | 53.34 | 67.31 | 81.28 | 109.22 |
| C    |      | 11.43 | 25.4  | 53.34 | 67.31 | 81.28 | 109.22 |



## 5921 SERIES

## Material



- 1. Housing:** Nylon.PBT (UL94V-0)  
**Color:** Black.Gray or other colors are available.
- 2. Contacts**  
**Round Pin:** 0.46mm diameter phosphor bronze gold plating over nickel. Plate  $Fu^{\circ}/3u^{\circ}/6u^{\circ}/15u^{\circ}/30u^{\circ}/50u^{\circ}$  min.  
Hard gold on top of 100u" nickel plated.  
**Flat Pin:** 0.35mm phosphor bronze plated with  $3u^{\circ}/6u^{\circ}/15u^{\circ}/30u^{\circ}/50u^{\circ}$  min hard gold over 2.45um (100u") nickel
- 3. Shielding:** 0.2mm thickness brass with nickel plated.

| Specification | Characteristic |
|---------------|----------------|
| 1.1           | 1.1.1          |
| 1.2           | 1.2.1          |
| 1.3           | 1.3.1          |
| 1.4           | 1.4.1          |
| 1.5           | 1.5.1          |
| 1.6           | 1.6.1          |
| 1.7           | 1.7.1          |
| 1.8           | 1.8.1          |
| 1.9           | 1.9.1          |
| 1.10          | 1.10.1         |
| 1.11          | 1.11.1         |
| 1.12          | 1.12.1         |
| 1.13          | 1.13.1         |
| 1.14          | 1.14.1         |
| 1.15          | 1.15.1         |
| 1.16          | 1.16.1         |
| 1.17          | 1.17.1         |
| 1.18          | 1.18.1         |
| 1.19          | 1.19.1         |
| 1.20          | 1.20.1         |
| 1.21          | 1.21.1         |
| 1.22          | 1.22.1         |
| 1.23          | 1.23.1         |
| 1.24          | 1.24.1         |
| 1.25          | 1.25.1         |
| 1.26          | 1.26.1         |
| 1.27          | 1.27.1         |
| 1.28          | 1.28.1         |
| 1.29          | 1.29.1         |
| 1.30          | 1.30.1         |
| 1.31          | 1.31.1         |
| 1.32          | 1.32.1         |
| 1.33          | 1.33.1         |
| 1.34          | 1.34.1         |
| 1.35          | 1.35.1         |
| 1.36          | 1.36.1         |
| 1.37          | 1.37.1         |
| 1.38          | 1.38.1         |
| 1.39          | 1.39.1         |
| 1.40          | 1.40.1         |
| 1.41          | 1.41.1         |
| 1.42          | 1.42.1         |
| 1.43          | 1.43.1         |
| 1.44          | 1.44.1         |
| 1.45          | 1.45.1         |
| 1.46          | 1.46.1         |
| 1.47          | 1.47.1         |
| 1.48          | 1.48.1         |
| 1.49          | 1.49.1         |
| 1.50          | 1.50.1         |
| 1.51          | 1.51.1         |
| 1.52          | 1.52.1         |
| 1.53          | 1.53.1         |
| 1.54          | 1.54.1         |
| 1.55          | 1.55.1         |
| 1.56          | 1.56.1         |
| 1.57          | 1.57.1         |
| 1.58          | 1.58.1         |
| 1.59          | 1.59.1         |
| 1.60          | 1.60.1         |
| 1.61          | 1.61.1         |
| 1.62          | 1.62.1         |
| 1.63          | 1.63.1         |
| 1.64          | 1.64.1         |
| 1.65          | 1.65.1         |
| 1.66          | 1.66.1         |
| 1.67          | 1.67.1         |
| 1.68          | 1.68.1         |
| 1.69          | 1.69.1         |
| 1.70          | 1.70.1         |
| 1.71          | 1.71.1         |
| 1.72          | 1.72.1         |
| 1.73          | 1.73.1         |
| 1.74          | 1.74.1         |
| 1.75          | 1.75.1         |
| 1.76          | 1.76.1         |
| 1.77          | 1.77.1         |
| 1.78          | 1.78.1         |
| 1.79          | 1.79.1         |
| 1.80          | 1.80.1         |
| 1.81          | 1.81.1         |
| 1.82          | 1.82.1         |
| 1.83          | 1.83.1         |
| 1.84          | 1.84.1         |
| 1.85          | 1.85.1         |
| 1.86          | 1.86.1         |
| 1.87          | 1.87.1         |
| 1.88          | 1.88.1         |
| 1.89          | 1.89.1         |
| 1.90          | 1.90.1         |
| 1.91          | 1.91.1         |
| 1.92          | 1.92.1         |
| 1.93          | 1.93.1         |
| 1.94          | 1.94.1         |
| 1.95          | 1.95.1         |
| 1.96          | 1.96.1         |
| 1.97          | 1.97.1         |
| 1.98          | 1.98.1         |
| 1.99          | 1.99.1         |
| 1.100         | 1.100.1        |



1. **Port:** 2\*1/2\*2/2\*3/2\*4/2\*5/2\*6/2\*8
2. **Position Number:** 8 Positions
3. **Contact Number:** 8 Contacts
4. **Shielding:** Non-Shielded/Shielded without EMI finger/Shielded with EMI finger.
5. **Contact Pin:** Round pin/Flat Pin
6. **EMI:** Without EMI finger/Forward EMI finger/Backward EMI finger.

### Product Encoding Rule



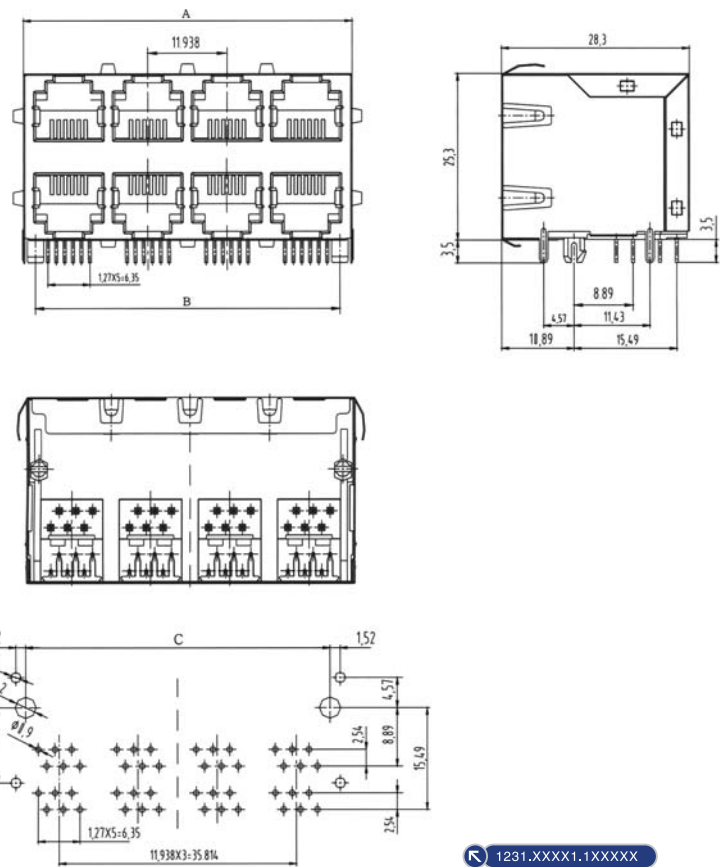
XX 31. XXXXX.XXX XXX

- ```

-Sequence Code
-Plating:<1-Fu"; 2-3u"; 3-6u";...>
-RJ45: LED:<0-w/o LED>
  RJ11: Shielded side leg:<0-w/o Leg; 1-Front Leg4.57;...>
  RJ45: Shielded side leg:<0-w/o Leg; 1-Front Leg4.57; 2-Front Leg3.68;...>
  RJ11: Plastic Color:<2-Black;...>
-Contact Pin:<1-Round Pin;2-Flat Pin>
-EMI finger:<0-0 finger; 1-5 Backward EMI fingers;... N-4 Forward fingers;...>
-RJ45: Classify:<1-8P8C; 2-8P4C(1236); 3-8P4C(3456); 4-10P10C>
  RJ11: Classify:<1-6P6C; 2-6P4C; 3-6P2C>
-Shielding:<0-Non-Shielded; 1-Shielded with 0 Back peg;2-Half Shielded;...>
-Port:<1-1*1;...8-1*8; A-2*1;...G-2*8>
-Product Series
  <11-RJ45; 12-RJ11>

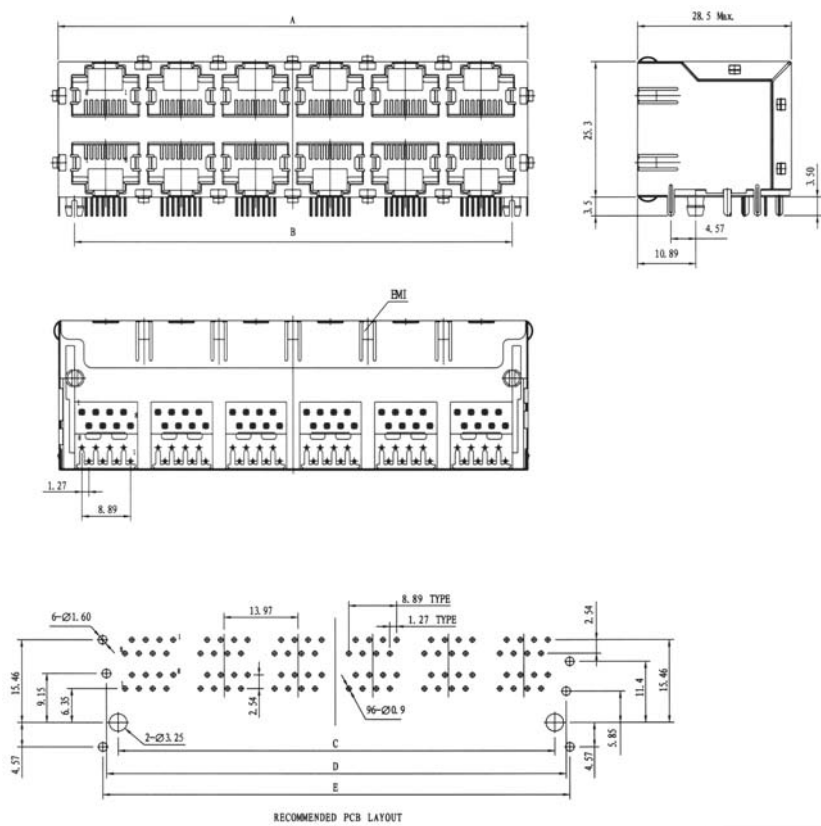
```

RJ CONNECTOR



SIZE \ PORT	2X2	2X3	2X4
A	26.034	37.672	49.61
B	22.094	34.032	45.97
C	22.094	34.032	45.97

RJ CONNECTOR



SIZE	PORT	2X1	2X2	2X4	2X5	2X6	2X8
A		17.28	31.25	59.19	73.16	87.13	115.07
B		11.43	25.4	53.34	67.31	81.28	109.22
C		11.43	25.4	53.34	67.31	81.28	109.22
D		15.68	29.65	57.59	71.56	85.53	113.47
E		17.01	30.98	58.92	72.89	86.86	114.8

RJ CONNECTOR

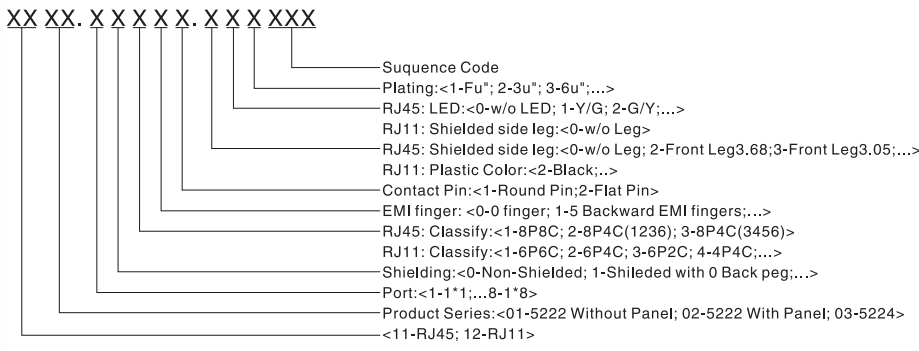


5224/5222 SERIES

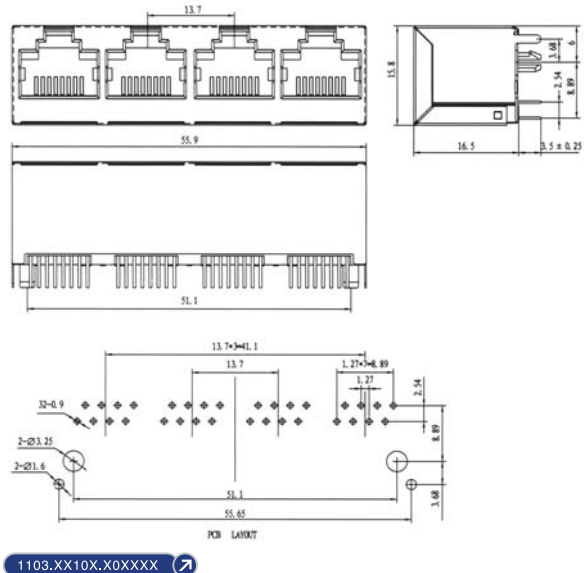
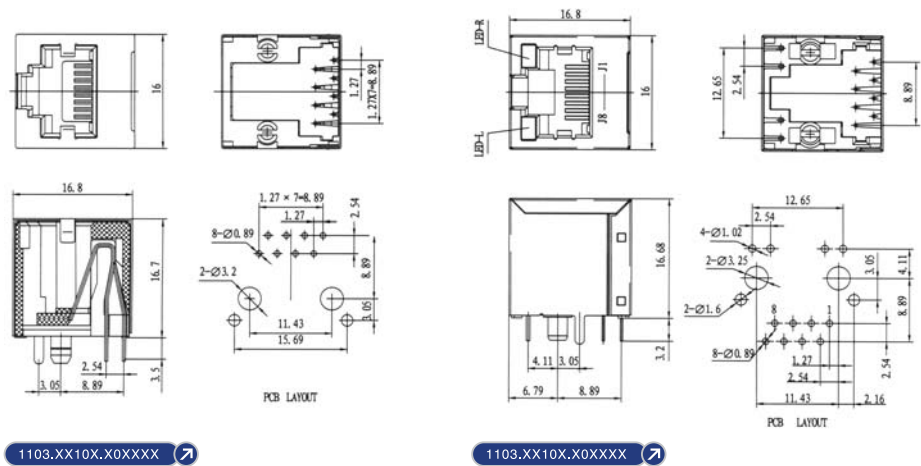
Material

- 1. **Housing:** Nylon.PBT (UL94V-0)
Color: Black.Gray or other colors are available.
- 2. **Contacts**
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel. Plate Fu"/3u"/6u"/15u"/30u"/50u" min. Hard gold on top of 100u" nickel plated.
Flat Pin: 0.35mm phosphor bronze plated with 3u"/6u"/15u"/30u"/50u" min hard gold over 2.45um (100u") nickel
- 3. **Shielding:** 0.2mm thickness brass with nickel plated.

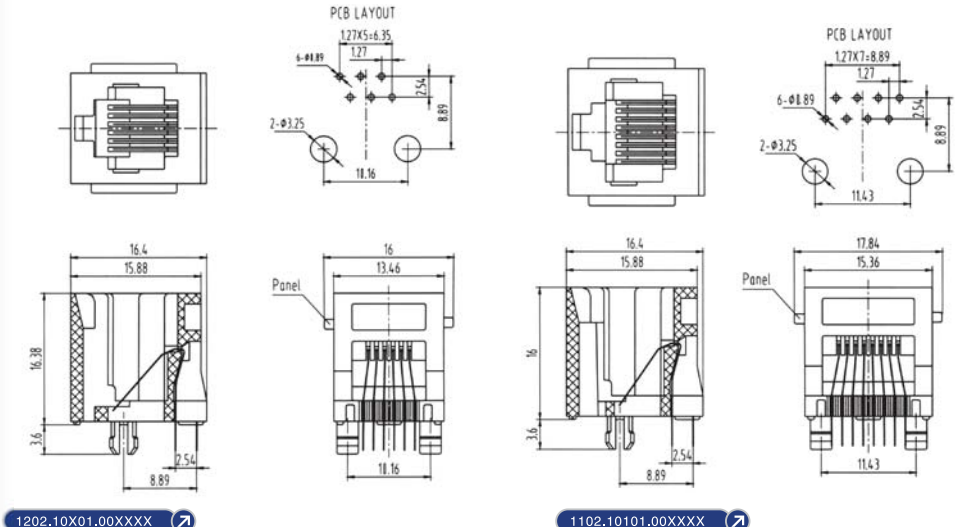
Product Encoding Rule



RJ CONNECTOR

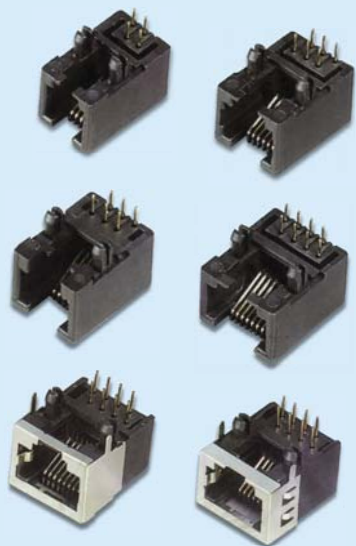


RJ CONNECTOR



1102.10101.00XXXX

RJ CONNECTOR



5321 SERIES

Material

- Housing:** Nylon.PBT (UL94V-0)
Color: Black.Gray or other colors are available.
- Contacts**
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel.
Plate Fu"/3u"/6u"/15u"/30u"/50u" min.Hard gold on top of 100u" nickel plated.
- Shielding:** 0.2mm thickness brass with nickel plated.

Specifications

Electrical

- Current Rating:** 1.5Amp Max. @ 25℃
- Voltage Rating:** 125Volts AC max
- Insulation Resistance:** 500 Megohms min
- Contact Resistance:** 30 Milliohms max
- Dielectric Withstanding Voltage:** 1000Vrms,50Hz or 60Hz 1 minute.
- Shielding Effectiveness:** 20dB min,10 to 200MHz.

Specification Characteristic

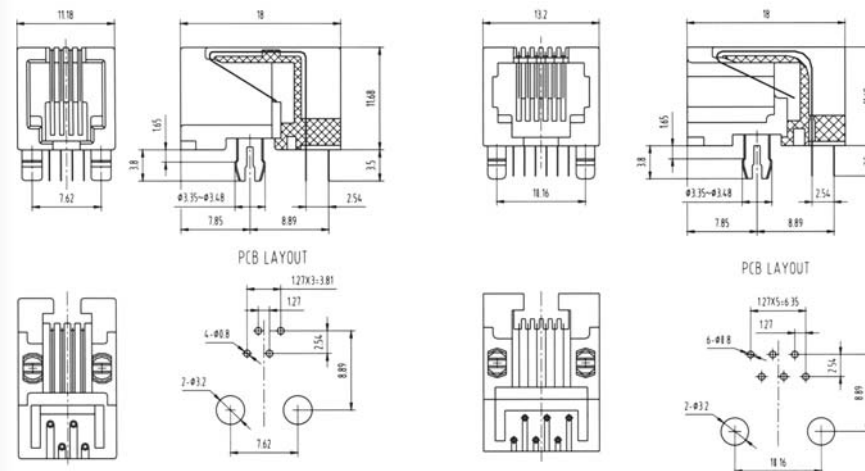
- Position Number:** 4 Positions/6 Positions/8 Positions
- Contact Number:** 2 Contacts/4 Contacts/8 Contacts

Product Encoding Rule

XX 20. X X X X X. X X X XXX

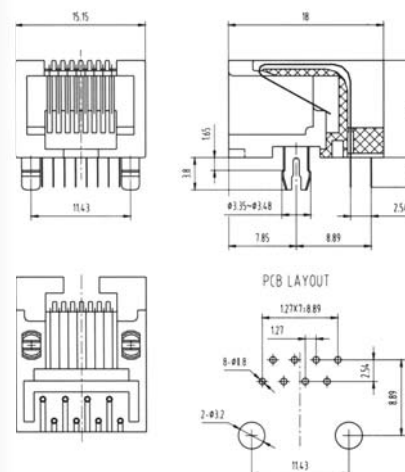
- Sequence Code
- Plating:<1-Fu"; 2-3u"; 3-6u";...>
- RJ45: LED:<0-w/o LED>
- RJ11: Shielded side leg:<0-w/o Leg>
- RJ45: Shielded side leg:<0-w/o Leg; 3-Front Leg3.05>
- RJ11: Plastic Color:<2-Black;...>
- Contact Pin:<1-Round Pin>
- EMI finger: <0-0 finger>
- RJ45: Classify:<1-8P8C; 2-8P4C(1236); 3-8P4C(3456)>
- RJ11: Classify:<1-6P6C; 2-6P4C; 3-6P2C; 4-4P4C;...>
- Shielding:<0-Non-Shielded; 2-Half Shielded>
- Port:<1-1*1>
- Product Series
- <11-RJ45; 12-RJ11>

RJ CONNECTOR



1220.10X01.20XXXX

1220.10X01.20XXXX



1120.10101.00XXXX

RJ CONNECTOR



5521/5523 SERIES

Material

- 1. **Housing:** Nylon.PBT (UL94V-0)
Color: Black.Gray.White.IV or other colors are available.
- 2. **Contacts**
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel. Plate Fu"/3u"/6u"/15u"/30u"/50u" min.Hard gold on top of 100u' nickel plated.

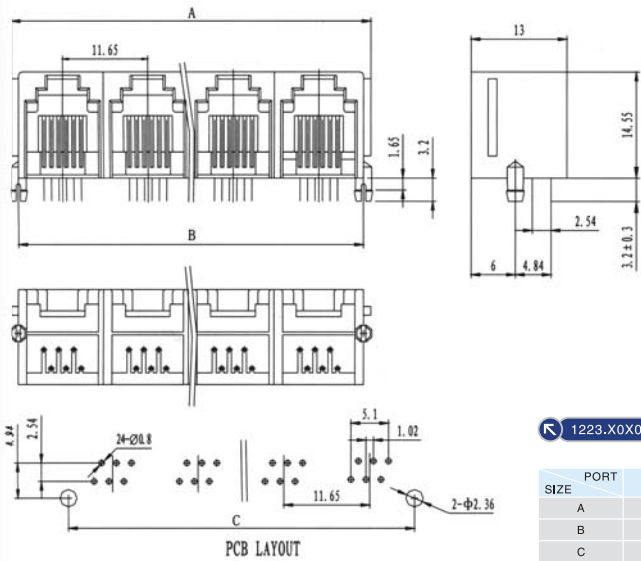
Specification Characteristic

- 1. **Type:** Conjunction
- 2. **Position Number:** 4 Positions/6 Positions/8 Positions
- 3. **Contact Number:** 2 Contacts/4 Contacts/6 Contacts/ 8 Contacts
- 4. **Panel:** With Panel/Without Panel

Product Encoding Rule

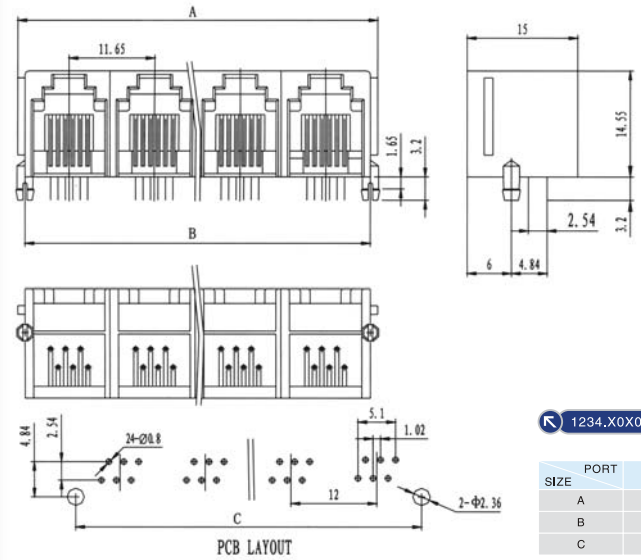
- XX XX.X XX XX.X XX XX.XX
- Sequence Code
 - Plating:<1-Fu"; 2-3u"; 3-6u";...>
 - RJ45: LED:<0-w/o LED>
 - RJ11: Shielded side leg:<0-w/o Leg>
 - RJ45: Shielded side leg:<0-w/o Leg; C-Back Leg3.68>
 - RJ11: Plastic Color:<2-Black;3-Gray;...>
 - Contact Pin:<1-Round Pin>
 - EMI finger: <0-0 finger>
 - RJ45: Classify:<1-8P8C; 2-8P4C(1236); 3-8P4C(3456)>
 - RJ11: Classify:<1-6P6C; 2-6P4C; 3-6P2C; 4-4P4C;...>
 - Shielding:<0-Non-Shielded; 1-Shilded with 0 Back peg>
 - Port:<1-1*1;...8-1*8>
 - Product Series:<22-5521 Without Panel; 23-5521 With Panel; 35-5523 Without Panel; 34-5523 With Panel>
 - <11-RJ45; 12-RJ11>

RJ CONNECTOR



1223.X0X01.X0XXXX

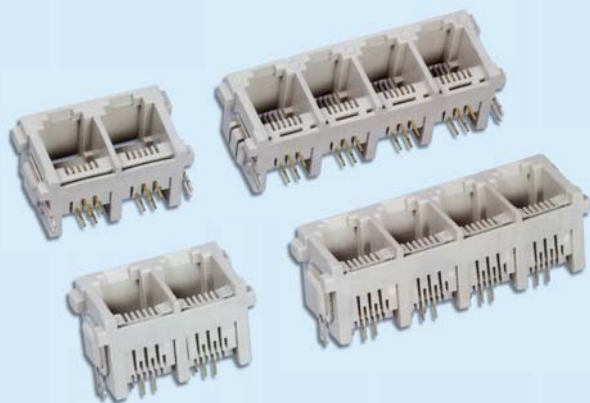
SIZE	PORT	1X1	1X2	1X4	1X6
	A	14.2	26.5	40.5	64.5
	B	12.0	24.5	38.5	62.5
	C	12.0	24.5	38.5	62.5



1234.X0X01.X0XXXX

SIZE	PORT	1X1	1X2	1X4	1X6
	A	14.2	26.5	40.5	64.5
	B	12.0	24.5	38.5	62.5
	C	12.0	24.5	38.5	62.5

RJ CONNECTOR



5225/5252 SERIES

Material

- Housing:** Nylon.PBT (UL94V-0)
Color: Black.Gray or other colors are available.
- Contacts**
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel. Plate Fu"/3u"/6u"/15u"/30u"/50u" min.
Hard gold on top of 100u" nickel plated.

Specification Characteristic

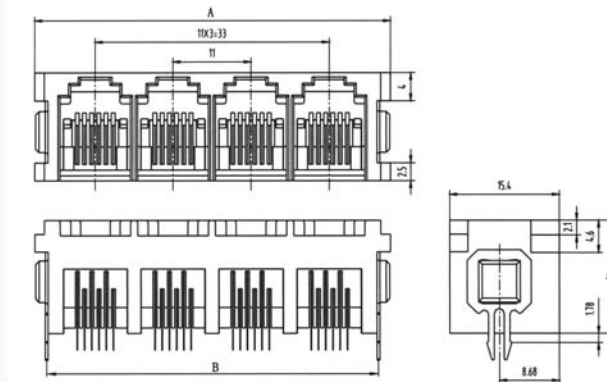
- Type:** Top Entry/Side Entry
- Position Number:** 4 Positions/6 Positions/8 Positions
- Contact Number:** 2 Contacts/4 Contacts/6 Contacts/8 Contacts
- Peg:** Without Iron Peg/With Iron Peg

Product Encoding Rule

XX XX.X XX XX.X XX XX XX

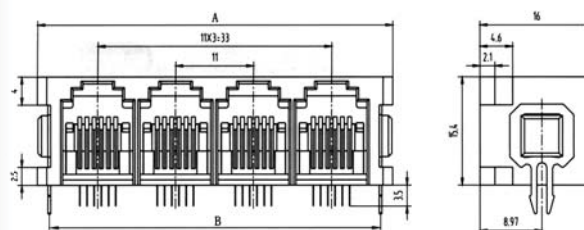
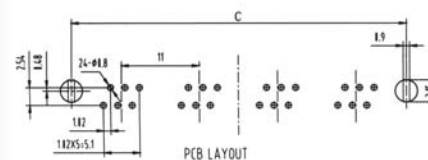
- Sequence Code
- Plating:<1-Fu"; 2-3u"; 3-6u";...>
- RJ45: LED:<0-w/o LED>
- RJ11: Shielded side leg:<0-w/o Leg>
- RJ45: Shielded side leg:<0-w/o Leg>
- RJ11: Plastic Color:<2-Black;3-Gray;...>
- Contact Pin:<1-Round Pin>
- EMI finger: <0-0 finger>
- RJ45: Classify:<1-8P8C; 2-8P4C(1236); 3-8P4C(3456)>
- RJ11: Classify:<1-6P6C; 2-6P4C; 3-6P2C; 4-4P4C;...>
- Shielding:<0-Non-Shielded>
- Port:<1-1*1;...8-1*8>
- Product Series:<04-5225; 36-5525>
- <11-RJ45; 12-RJ11>

RJ CONNECTOR



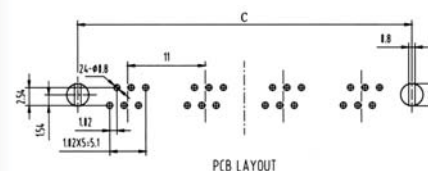
1204.X0X01.X0XXXX

SIZE	PORT	1X2	1X4	1X6
A		25.8	49.1	72.4
B		23.8	47.1	70.4
C		23.8	47.1	70.4



1236.X0X01.X0XXXX

SIZE	PORT	1X2	1X4	1X6
A		25.22	47.98	72.2
B		21.54	44.3	69.2
C		21.54	44.3	69.2



RJ CONNECTOR



5721/5722 SERIES

Material

- Housing:** Nylon.PBT (UL94V-0)
Color: Black,Gray or other colors are available.
- Contacts**
Round Pin: 0.46mm diameter phosphor bronze gold plating over nickel.
Plate Fu"/3u"/6u"/15u"/30u"/50u" min.Hard gold on top of 100u" nickel plated.

Specifications

Electrical

- Current Rating:** 1.5Amp Max. @ 25°C
- Voltage Rating:** 125Volts AC max
- Insulation Resistance:** 500 Megohms min
- Contact Resistance:** 30 Milliohms max
- Dielectric Withstanding Voltage:** 1000Vrms,50Hz or 60Hz 1minute.

Specification Characteristic

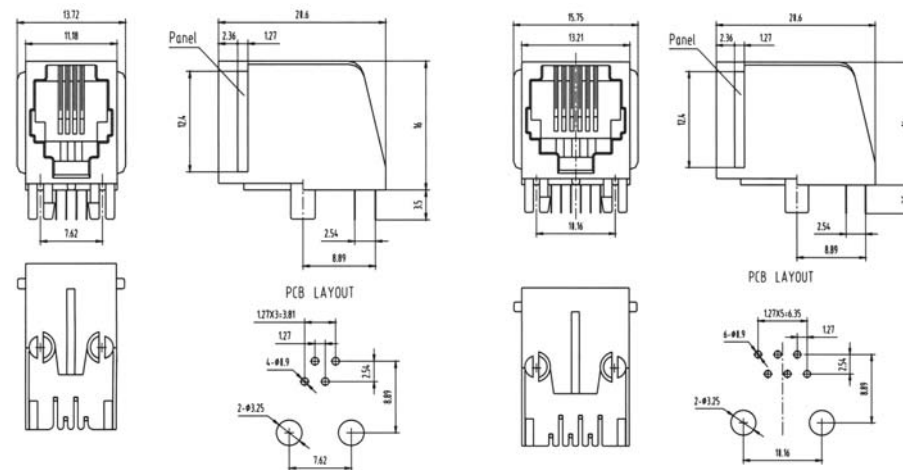
- Position Number:** 4 Positions/6 Positions/8 Positions
- Contact Number:** 2 Contacts/4 Contacts/6 Contacts/8 Contacts
- Plastic Peg:** Split Peg/L Peg
- Panel:** Without Panel/With Panel

Product Encoding Rule

XX XX.X XX XX.X XX XX.XX

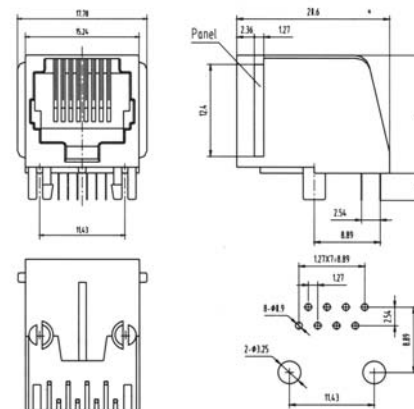
- Sequence Code
- Plating:<2-3u"; 3-6u";...>
- RJ45: LED:<0-w/o LED>
- RJ11: Shielded side leg:<0-w/o Leg; 3-Front Leg3.05>
- RJ45: Shielded side leg:<0-w/o Leg; 3-Front Leg3.05>
- RJ11: Plastic Color:<2-Black;...>
- Contact Pin:<2-Flat Pin>
- EMI finger: <0-0 finger>
- RJ45: Classify:<1-8P8C>
- RJ11: Classify:<1-6P6C; 2-6P4C; 3-6P2C; 4-4P4C;...>
- Shielding:<0-Non-Shielded; 2-Half Shielded>
- Port:<1-1*1>
- Product Series:<27-5721 Without Panel; 28-5721 With Panel;
29-5722 Without Panel; 30-5722 With Panel>
- <11-RJ45; 12-RJ11>

RJ CONNECTOR



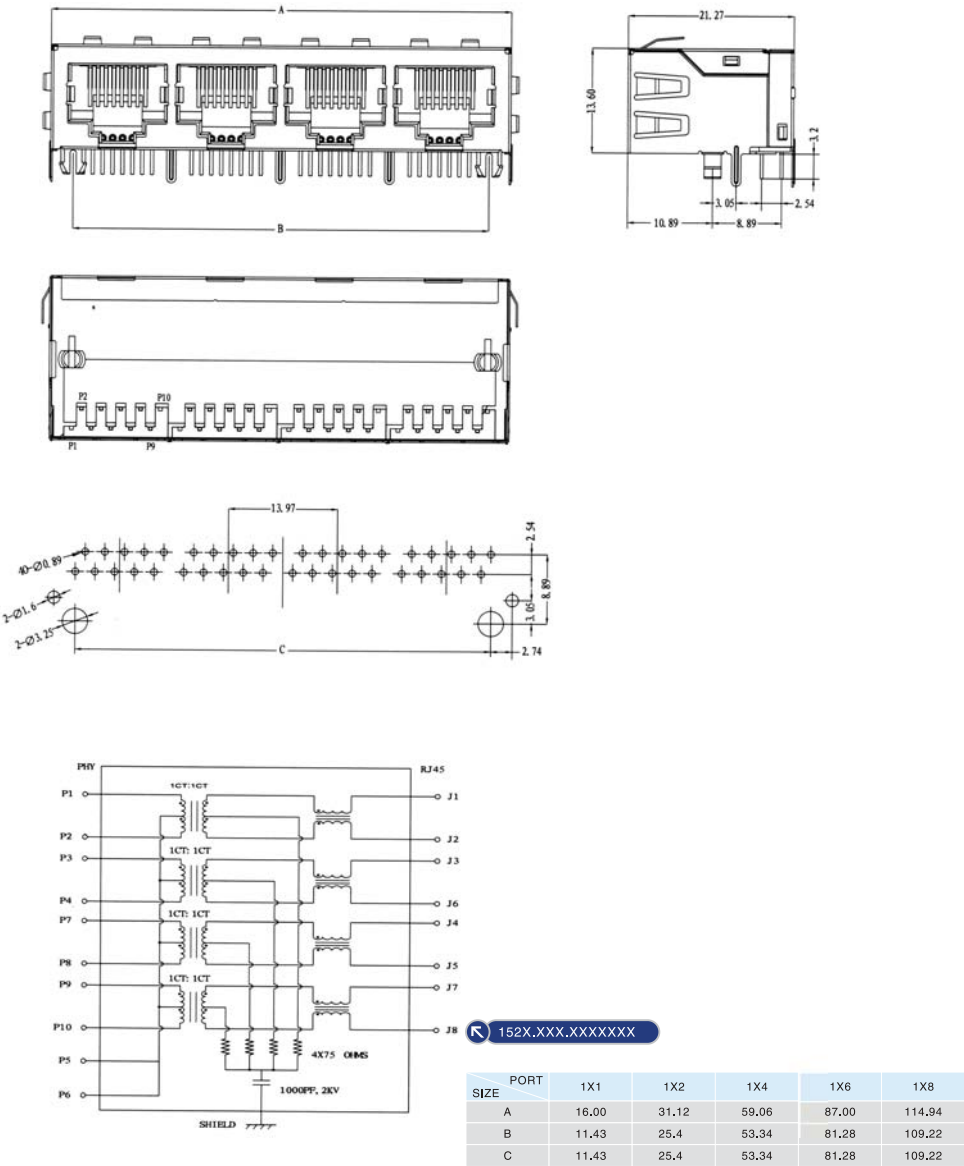
1228.10X02.X0XXXX

1228.10X02.X0XXXX

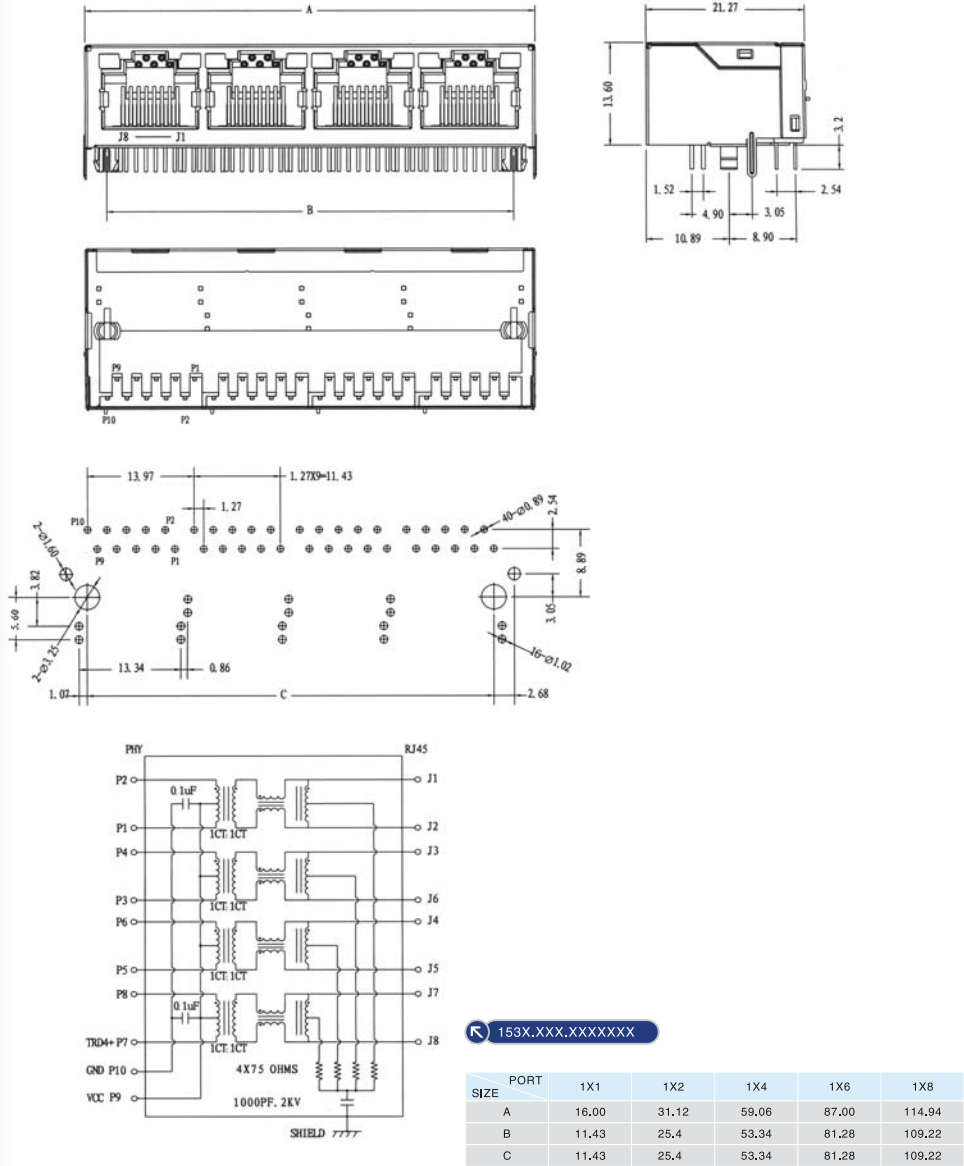


1128.10102.00XXXX

JACKS SHIELDED WITH FILTER



JACKS SHIELDED WITH FILTER



JACKS SHIELDED WITH FILTER



4T/5T SERIES

Electrical Specifications @ 25°C

Turns Ratio 1CT1CT +/-3%

Inductance (OCL) MEDIASIDE

@100KHz/100mVrms with 8mA DC BIAS: 350uH MIN.

Insertion loss: 0.1MHz-1MHz -1 1dBMAX.

1 MHz-65MHz -0.8dB MAX.

65MHZ-100MHz -1.0dB MAX.

100MHZ-125MHz -1.2dB MAX.

Return loss: Load 100 ohms

0.5MHZ-40MHz -18dB MIN.

40MHZ-100MHz -18+20Log(F/80MHz)dB Min.

CM TO CM REJECTION

1MHz-100MHz -30dB MIN

CM TO DM REJECTION

1MHz-100MHz -35dB MIN

CROSS TALK

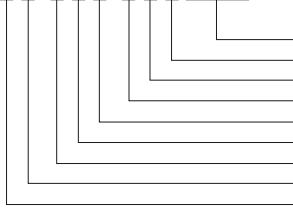
1MHz-100MHz -30dB MIN

HI-POT (Isolation Voltage):

Input to Output Isolation 1500Vrms Min@60 Secretary

Product Encoding Rule

15 X X. X X X. X X X XXXX



Material

- 1. Housing:** Nylon.PBT (UL94V-0)
Color: Black.Gray or other colors are available.
- 2. Contacts**
Flat Pin: 0.35mm thickness phosphor bronze plated with 3u"/6u"/15u"/
 30u"/50u" min hard gold over 2.45um (100u") nickel
- 3. Shielding:** 0.2mm thickness brass with nickel plated.

Specification	Characteristic
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99	...
100	...

1. **Port:** 1 x1/1 x2/1 x4
2. **Position Number:** 10 Positions
3. **Contact Number:** 6 Contacts/8 Contacts/10 Contacts
4. **Shielding:** Non-Shielded/Shielded with EMI finger/Shielded with EMI finger.
5. **Magnetics:** Schematic available.
6. **LED:** Without LED/LED (Different colors of LED option available)

Feature

Shielded RJ-45 connector with integrated 10/100 or Gigabit Ethernet magnetics

Complies with IEEE 802.3 standards and all 10/100/1000 Ethernet specifications.

Compatible with a variety of 10/100Base-T transceiver ICs and Gigabit Ethernet transceiver ICs.

Jack cavity conforms to FCC rules and regulation Part 68 subpart F

Integrated design conserves valuable board space

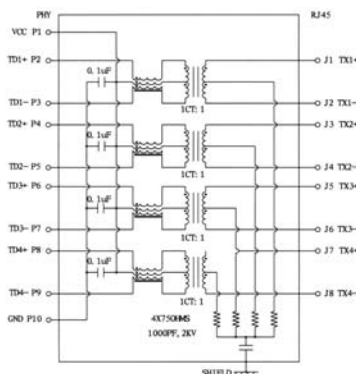
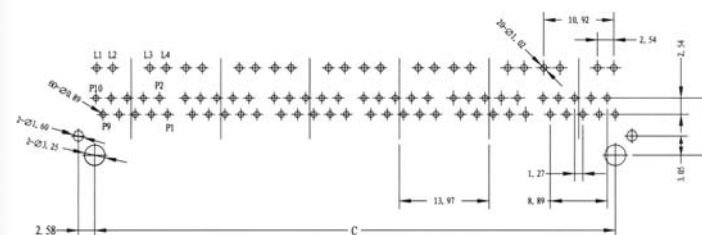
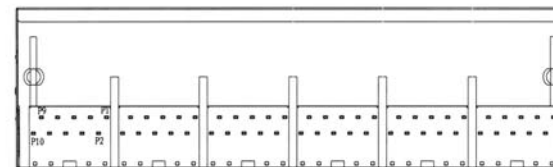
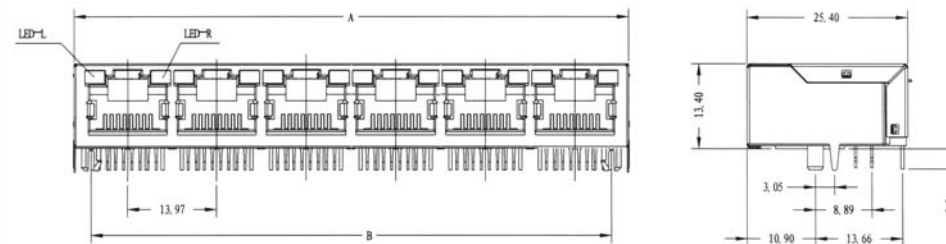
Minimum interwinding breakdown voltage of 1500 Vrms

Adaptable, modular design provides higher reliability

Operating temperature: 0°C to +70°C

Storage temperature: 40°C to +85°C

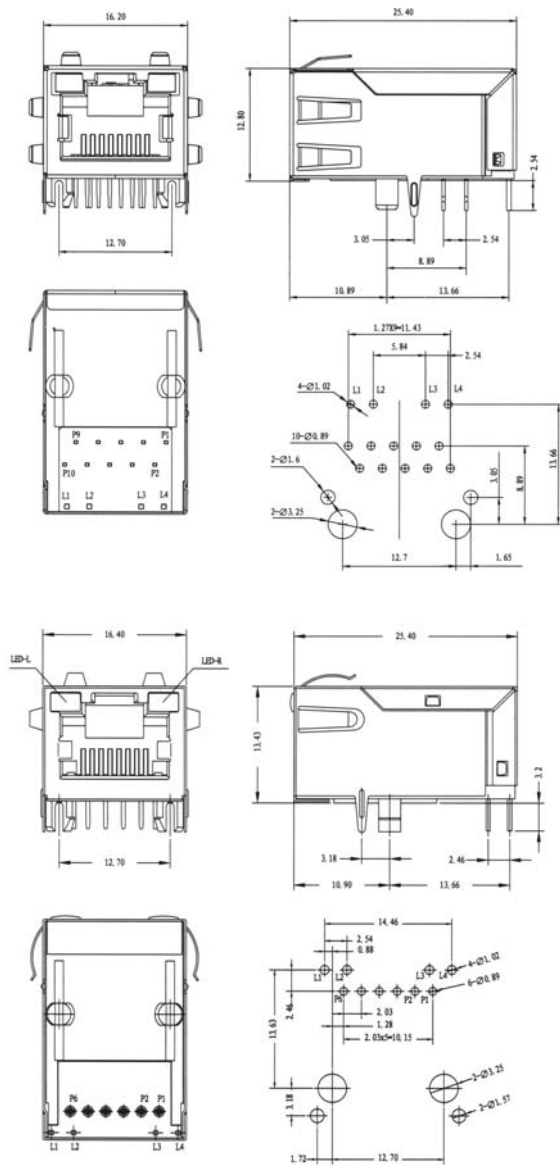
JACKS SHIELDED WITH FILTER



155X.XXX.XXXXXXX

SIZE \ PORT	1X1	1X2	1X4	1X6
A	16.00	31.12	59.06	87.00
B	11.43	25.4	53.34	81.28
C	11.43	25.4	53.34	81.28

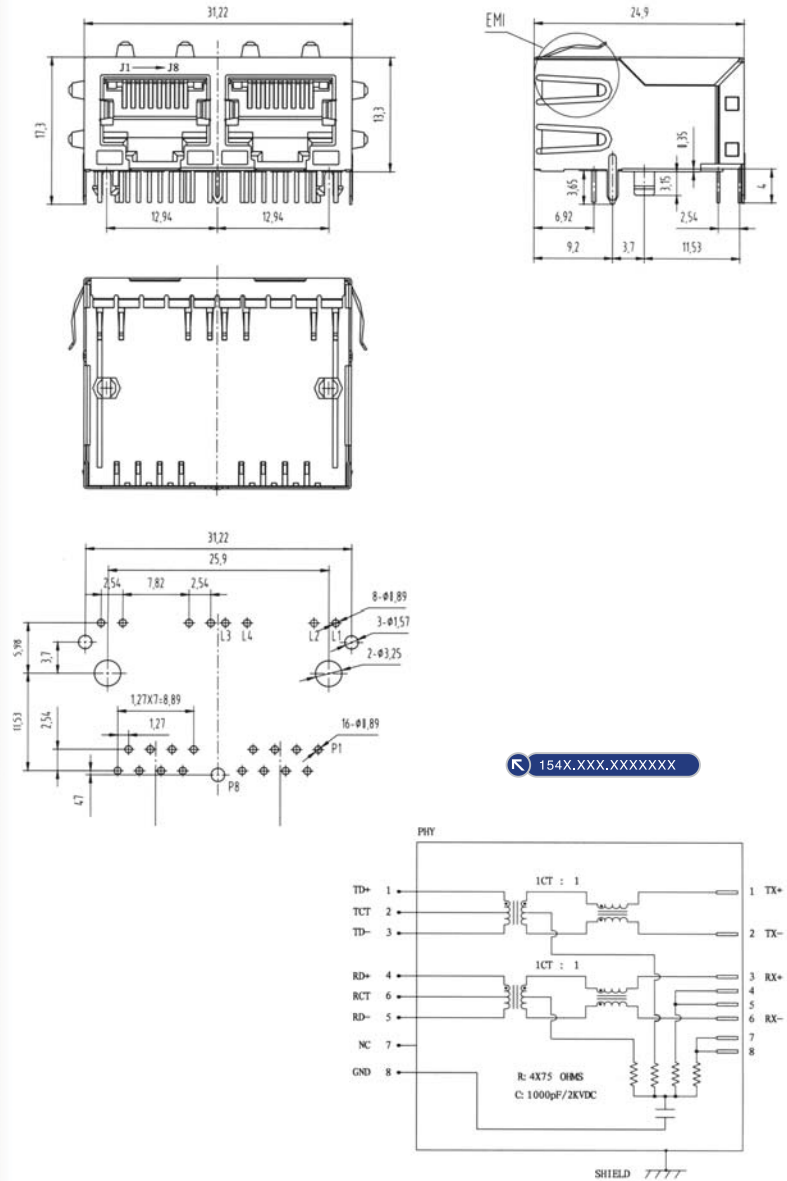
JACKS SHIELDED WITH FILTER



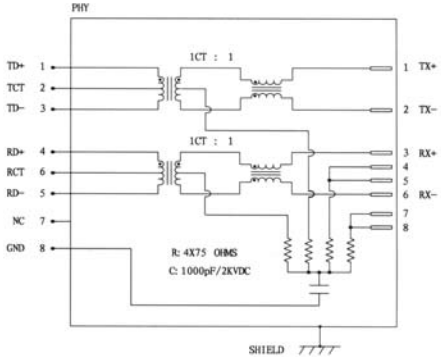
155X.XXX.XXXXXXX

155X.XXX.XXXXXXX

JACKS SHIELDED WITH FILTER



154X.XXX.XXXXXXX



JACKS SHIELDED WITH FILTER



9T SERIES

Electrical Specifications @ 25°C

Turns Ratio

1CT1CT +/-3%
Inductance (OCL) Media side
@ 100KHz/100mVrms with 8mA DC BIAS: 350uH MIN.

Insertion loss: 0.1MHz-1MHz -1 dB MAX.

1 MHz-65MHz -0.8dB MAX.
65MHz-100MHz -1.0dB MAX.
100MHz-125MHz -1.2dB MAX.

Return loss: Load 100 ohms

0.5MHz-40MHz -18dB MIN.
40MHz-100MHz -18+20Log(F/80MHz) dB Min.
CM TO CM REJECTION
1MHz-100MHz -30dB MIN
CM TO DM REJECTION
1MHz-100MHz -35dB MIN
CROSS TALK
1MHz-100MHz -30dB MIN

HIPOT (Isolation Voltage):

Input to Output Isolation 1500Vrms Min@60 Sec

Product Encoding Rule

159 X . X X X . X X X XXXX

Sequence Code
Plating: <3-6u...>
LED Color: <0-w/o LED; 1-Y/G; 2-G/Y;...>
LED Polarity: <0-w/o LED; 4-Parallel Pin(+++);...>
EMI finger: <0-0 finger; 1-5 Backward EMI fingers;...>
Shielding: <0-Non-Shielded; 1-Shielded with 0 Back peg;...>
Port: <A-2*1; B-2*2; D-2*4; F-2*6; G-2*8>
Transmission rate: <B-100Base; C-1000Base;...>
Product Series

Material

- Housing:** Thermoplastic material with flammability rating UL 94V-0 or better.
- Contacts:**
Flat Pin: 0.35mm thickness phosphor bronze plated with 15u"/30u"/50u" min hard gold over 2.45um (100u") nickel
- Solder tail plating material:** 200-500 microinches 100% tin. Matte finish.
- Shielding:** nickel plated with copper alloy.
- Insulation Resistance:** 500Megohms min.
- Contact Resistance:** 30 Milliohms max

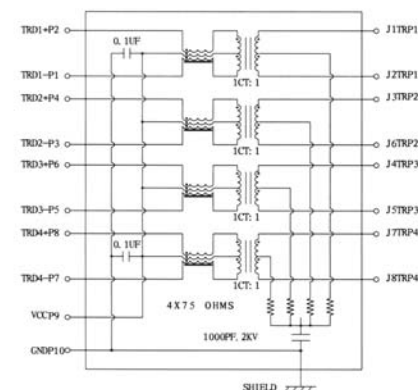
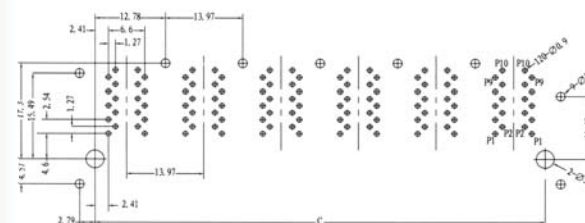
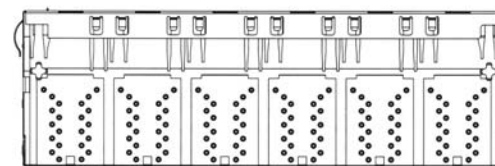
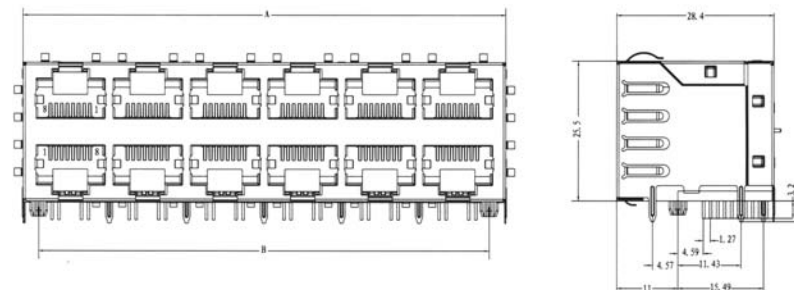
Specification Characteristic

- Port:** 2X1/2X2/2X4/2X6/2X8
- Position Number:** 10 Positions
- Contact Number:** 8 Contacts
- Shielding:** Shielded with EMI finger.
- Magnetics:** Schematic available.
- LED:** Without LED/LED (Front LED available)

Feature

- Shielded RJ-45 connector with integrated 10/100 or Gigabit Ethernet magnetics
- Complies with IEEE 802.3 standards and all 10/100/1000 Ethernet specifications.
- Compatible with a variety of 10/100Base-T transceiver ICs and Gigabit Ethernet transceiver ICs.
- Jack cavity conforms to FCC rules and regulation Part 68 subpart F
- Integrated design conserves valuable board space
- Minimum interwinding breakdown voltage of 1500 Vrms
- Adaptable, modular design provides higher reliability
- Operating temperature: 0°C to +70°C
- Storage temperature: 40°C to +85°C

JACKS SHIELDED WITH FILTER



159X.XXX.XXXXXXX

SIZE	PORT	2X1	2X2	2X4	2X6	2X8
A		17.27	31.12	59.13	87.07	115.01
B		11.13	25.43	53.34	81.28	109.22
C		11.13	25.43	53.34	81.28	109.22

JACKS SHIELDED WITH FILTER



RJ45+USB SERIES

Electrical Specifications @ 25°C

10/100 Base-T
Turns Ratio 1CT: 1CT +/-3%
Inductance (OCL) MEDIA SIDE
@ 100KHz/100mVrms with 8mA DC BIAS: 350uH MIN.
Insertion loss: 1-100MHz -1.0dB MAX.
Return loss: Load 100 ohms
1MHz-30MHz -18dB MIN.
30MHz-60MHz -18+20Log(F/30MHz)dB Min.
60MHz-80MHz -12dB MIN.

CM TO CM REJECTION
1MHz-100MHz -30dB MIN
CM TO DM REJECTION
1MHz-100MHz -35dB MIN
CROSS TALK (TX-RX)
1MHz-100MHz -35dB MIN
HIPOT (Isolation Voltage):
Input to Output Isolation 1500Vrms Min @ 60 Sec
10/100/1000 Base-T
Turns Ratio 1CT: 1CT +/-3%
Inductance (OCL) MEDIA SIDE
@ 100KHz/100mVrms with 8mA DC BIAS: 350uH MIN.
Insertion loss: 0.1 MHz-1 MHz -1.1 dB MAX.
1MHz-65MHz -0.8dB MAX.
65MHz-100MHz -1.0dB MAX.
100MHz-125MHz -1.2dB MAX.
Return loss: Load 100 ohms
0.5MHz-40MHz -18dB MIN.
40MHz-100MHz -18+20Log(F/80MHz) dB Min.
CM TO CM REJECTION 1MHz-100MHz -30dB MIN
CM TO DM REJECTION
1MHz-100MHz -35dB MIN
CROSS TALK
1MHz-100MHz -30dB MIN
HIPOT (Isolation Voltage):
Input to Output Isolation 1500Vrms Min @ 60 secondary

Product Encoding Rule

15X X . X X X . X X X XXXX

Schematic Code
Plating: <3-6u"...>
LED Color: <0-w/o LED; 1-Y/G; 2-G/Y;...>
LED Polarity: <0-w/o LED; 4-Parallel Pin(++-);...>
EMI finger: <0-0 finger; 1-5 Backward EMI fingers;...>
Shielding: <0-Non-Shielded; 1-Shielded with 0 Back peg;...>
Port: <A-2*1>
Transmission rate: <B-100Base; C-1000Base;...>
Product Series: <A-RJ45+Single USB; B-RJ45+Stacked USB>

Material

- Housing:** Nylon PBT (UL94V-0)
Color- Black or other colors are available.
- Contacts:**
Flat Pin: 0.35mm thickness phosphor bronze plated with 3u"/6u"
15u"/30u"/50u" min hard gold over 2.45um (100u") nickel
- Shielding:** 0.2mm thickness brass with nickel plated.

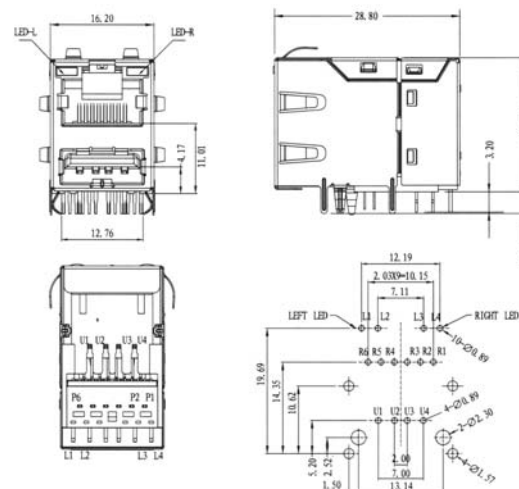
Specification Characteristic

- Port:** 1
- Position Number:** 10 Positions
- Contact Number:** 8 Contacts
- Leg/tab:** None-Leg/back Leg 3.05/front Leg 3.05/front Leg 3.68
- PEG:** None/1peg/2peg/3peg
- Shielding:** Non-Shielded/Shielded with EMI finger/Shielded with EMI finger.
- Magnetics:** Schematic available.
- LED:** Without LED/LED (Different colors of LED option available)

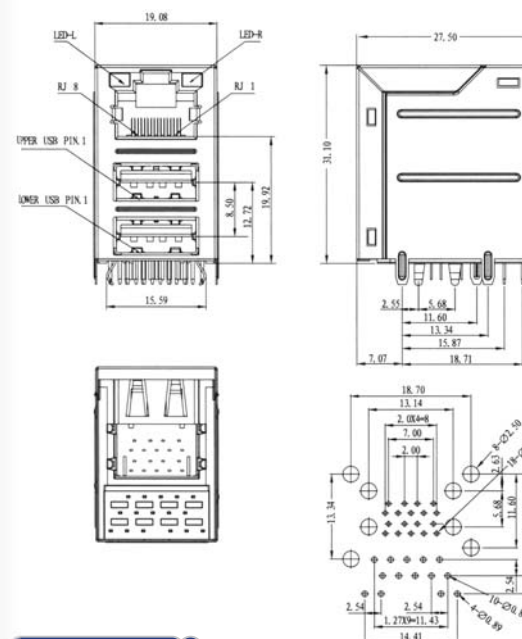
Feature

- Shielded RJ-45 connector with integrated 10/100 or Gigabit Ethernet magnetics
- Complies with IEEE 802.3 standards and all 10/100/1000 Ethernet specifications.
- Compatible with a variety of 10/100Base-T transceiver ICs and Gigabit Ethernet transceiver ICs.
- Jack cavity conforms to FCC rules and regulation Part 68 subpart F
- Integrated design conserves valuable board space
- Minimum interwinding breakdown voltage of 1500 Vrms
- Adaptable, modular design provides higher reliability
- Operating temperature: 0°C to +70°C
- Storage temperature: 40°C to +85°C

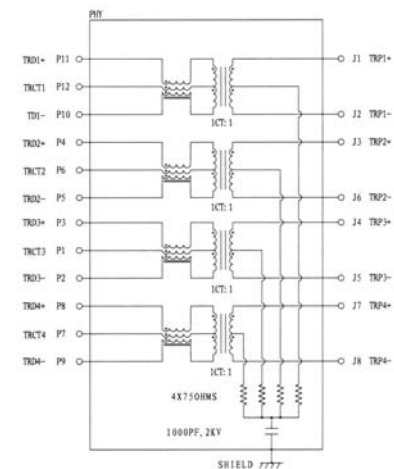
JACKS SHIELDED WITH FILTER



15AX.XXX.XXXXXXX



15BX.XXX.XXXXXXX

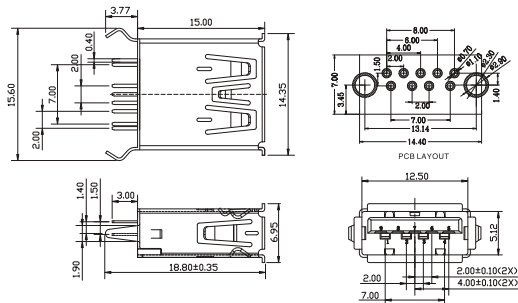


USB CONNECTOR

USB3.0 AF 180 °



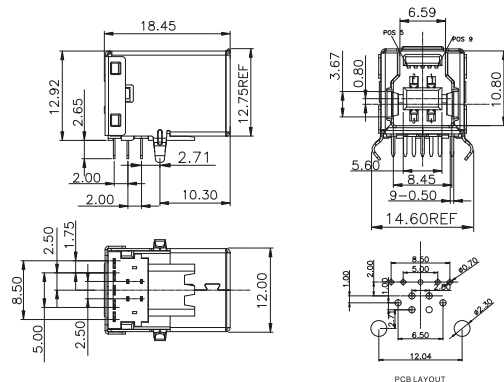
21B4.353X1.XXXXX



USB3.0 BF 90 °



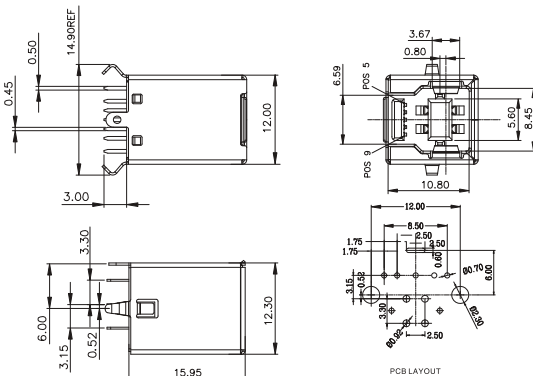
21B6.38310.XXXXX



USB3.0 BF 180 °



21B6.39310.XXXXX

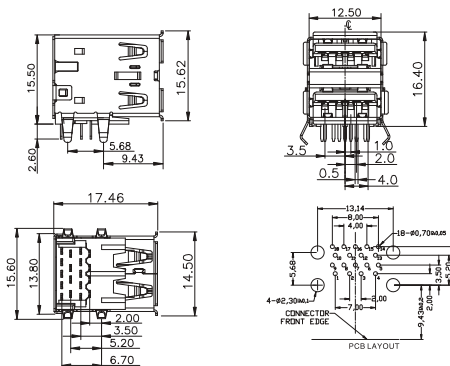


USB CONNECTOR

USB 3.0 AF 90 ° DOUBLE STACK



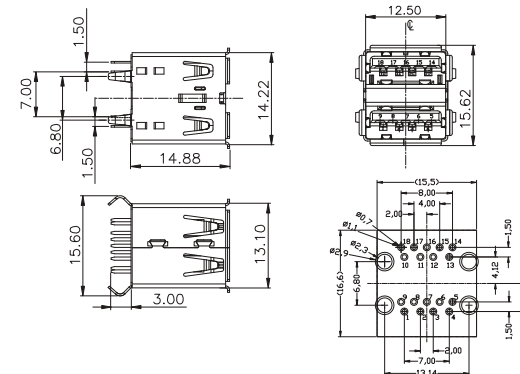
21B4.36311.XXXXX



USB 3.0 AF 180 ° DOUBLE STACK



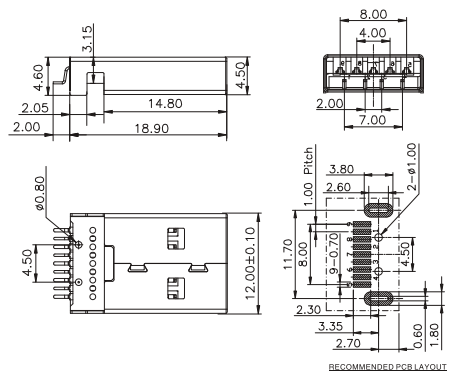
21B4.37311.XXXXX



USB3.0 AM



21B3.22330.XXXXX



USB CONNECTOR



USB 2.0 SERIES

Specifications

1. **Current Rating:** 1.5 Amperes
2. **Voltage Rating:** 30V DC
3. **Dielectric Withstanding Voltage:** AC 500V
4. **Insulation Resistance:** 1000Megohms Minimum.
5. **Contact Resistance:** 30m Ω Max
6. **Mating Force:** 35 Newtons.Maximum
7. **Unmating Force:** 10 Newtons.Minimum.

Material

1. **Housing:** LCP, Nylon or PBT,color:White or Black
2. **Contact:** Copper alloy
3. **Shell:** Copper alloy or SPCC

Plating

- 1.Contact:** Au Plated on contact area,
Tin Plated on solder area,
Nickel underplating over all.
- 2. Shell:** Nickel Plated

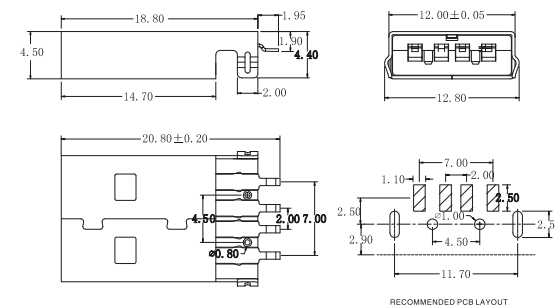
Product Encoding Rule

211 X. XX X X X. X X XXX

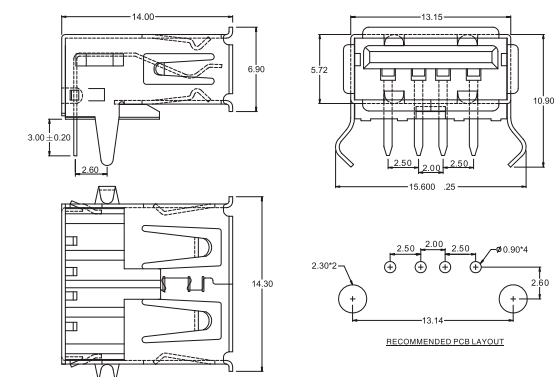
- Sequence Code
- Plating:<1-Gold Flash/Tin; 2-3u Gold/Tin;...A-Gold Flash;...>
- Packing:<0-Tray; 1-Tube; 2-Tape&Reel with Mylar; 3-Tape&Reel w/o Mylar;...>
- Crimping:<0-w/o Crimping; 1-with Crimping>
- Shell:<1-C2680/Ni Plated; 2-C2680/Au Plated; 3-Spcc/Ni Plated;...>
- Plastic Color:<0-Black; 1-White; 2-Beige;...>
- Classify:<...>
- M/F:<3-Male(For Type A); 4-Female(For Type A); 5-Male(For Type B);...>
- Product Series

USB CONNECTOR

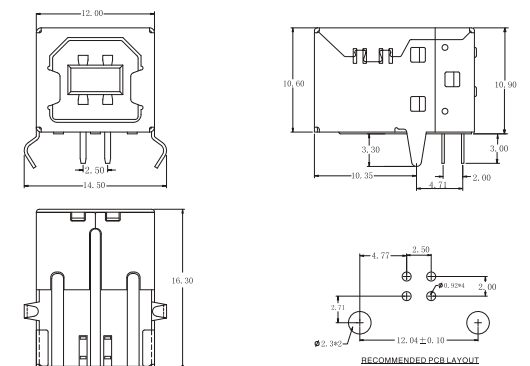
USB AM

2113.05XX0.XXXXX 

USB AF 90 °

2114.04XX1.XXXXX 

USB BF 90 °

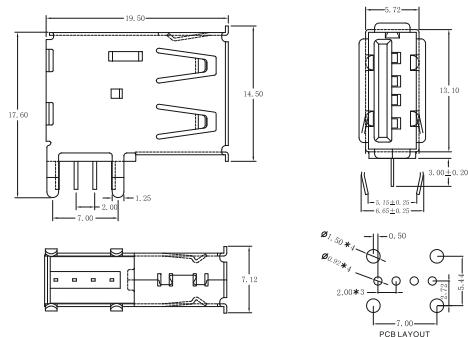
2116.31XX0.XXXXX 

USB CONNECTOR

USB AF 90 ° UP RIGHT



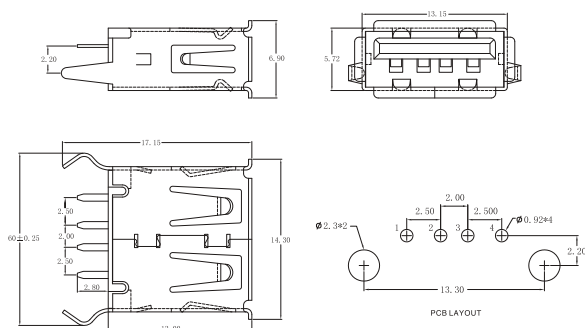
2114.23XX1.XXXXX



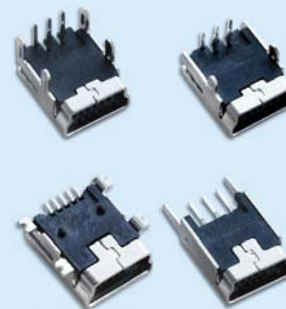
USB AF 180 °



2114.21XX1.XXXXX



USB CONNECTOR



MINI USB SERIES

Specifications

1. **Current Rating:** 1.0 Amperes
2. **Voltage Rating:** 30V DC
3. **Dielectric Withstanding Voltage:** AC 300V
4. **Insulation Resistance:** 100Megohms Minimum.
5. **Contact Resistance:** 50mΩ Max
6. **Mating Force:** 35 Newtons.Maximum
7. **Unmating Force:** 7 Newtons.Minimum.

Material

1. **Housing:** LCP 94V-0, color:Black
2. **Contact:** copper alloy Shell: copper alloy

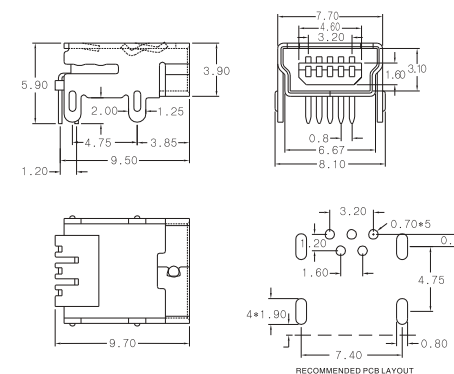
Plating

1. **Contact:** Au Plated on contact area,
Tin Plated on solder area,
Nickel underplating over all.
2. **Shell:** Nickel Plated

MINI USB 5P BF 90 ° FOUR PEGS



2126.11XX0.XXXXX



Product Encoding Rule

212 X . XX X X X . X X XXX

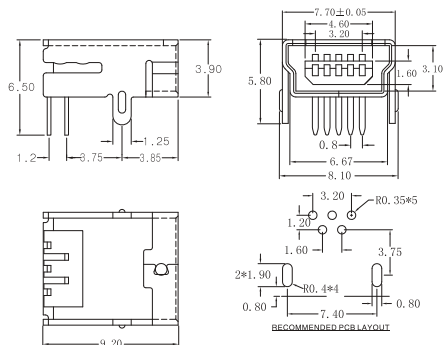
- Sequence Code
- Plating:<1-Gold Flash/Tin; 2-3u"Gold/Tin;...A-Gold Flash;...>
- Packing:<0-Tray; 1-Tube; 2-Tape&Reel with Mylar; 3-Tape&Reel w/o Mylar;...>
- Crimping:<0-w/o Crimping; 1-with Crimping>
- Shell:<1-C2680/Ni Plated; 2-C2680/Au Plated; 3-Spcc/Ni Plated;...>
- Plastic Color:<0-Black; 1-White; 2-Beige;...>
- Classify:<...>
- M/F:<3-Male(For Type A); 4-Female(For Type A); 5-Male(For Type B);...>
- Product Series

USB CONNECTOR

MINI USB 5P BF 90 ° TWO PEGS



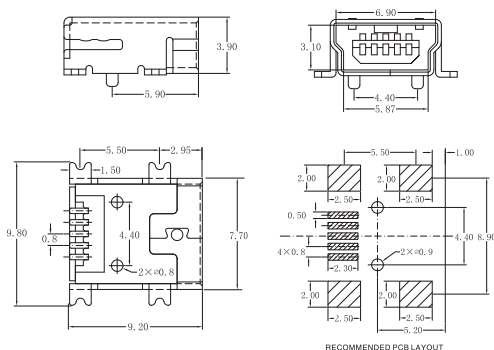
2126.13XX0.XXXXX



MINI USB 5P BF SMT



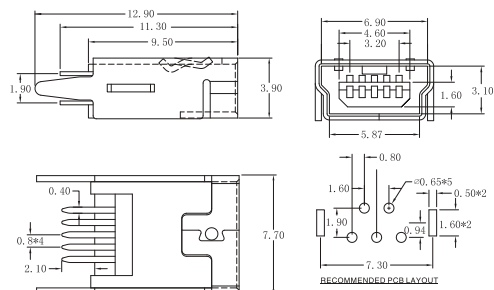
2126.01XX0.XXXXX



MINI USB 5P BF 180 °



2126.26010.XXXXX



USB CONNECTOR



Specifications

1. **Current Rating:** 1.0 Amperes
2. **Voltage Rating:** 30V DC
3. **Dielectric Withstanding Voltage:** AC 300V
4. **Insulation Resistance:** 100Megohms Minimum.
5. **Contact Resistance:** 50mΩ Max
6. **Mating Force:** 35 Newtoms.Maximum
7. **Unmating Force:** 7 Newtoms.Minimum.

Material

1. **Housing:** LCP 94V-0, color:Black
2. **Contact:** copper alloy
3. **Shell:** copper alloy or SUS

Plating

1. **Contact:** Au Plated on contact area,
Tin Plated on solder area,
Nickel underplating over all.
2. **Shell:** Nickelor Tin Plated

MICRO USB SERIES

Product Encoding Rule

213 X . XX X X X . X X X X X

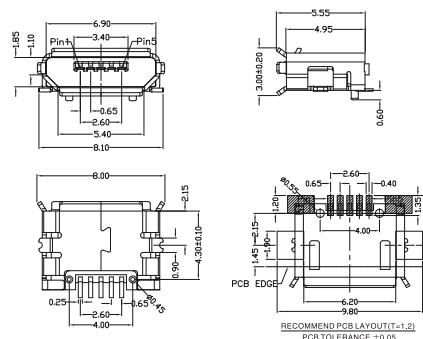
- Sequence Code
- Plating:<1-Gold Flash/Tin; 2-3u"Gold/Tin;...A-Gold Flash;...>
- Packing:<0-Tray; 1-Tube; 2-Tape&Reel with Mylar; 3-Tape&Reel w/o Mylar;...>
- Crimping:<0-w/o Crimping; 1-with Crimping>
- Shell:<1-C2680/Ni Plated;...4-C2680/Tin Plated; 5-Steel/Tin Plated;...>
- Plastic Color:<0-Black;...>
- Classify:<...>
- M/F:<3-Male(For Type A); 4-Female(For Type A); 5-Male(For Type B);...>
- Product Series

USB CONNECTOR

MICRO USB 5P BF SMT



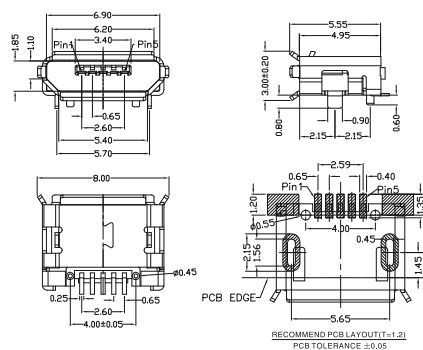
2136.030XX.XXXXX



MICRO USB 5P BF SHELL
DIP 5.65/6.4/7.15



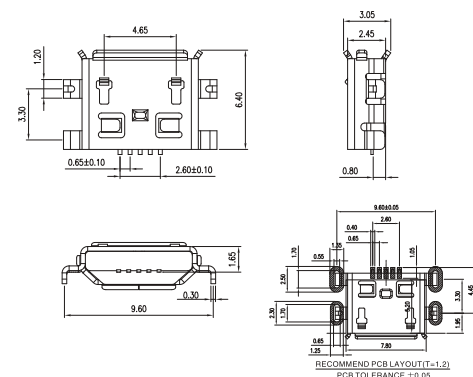
2136.040XX.XXXXX



MICRO USB 5P BF MID-MOUNT
SHELL DIP



2136.010XX.XXXXX



HDMI CONNECTOR



Material

1. **Housing:** LCP 94V-0, color:Black
2. **Contact:** copper alloy
3. **Shell:** copper alloy

Plating

1. **Contact:** Au Plated on contact area,
Tin Plated on solder area,
Nickel underplating over all.
2. **Shell:** Nickel or Tin Plated

Product Encoding Rule

22 XX . X X . X XXX

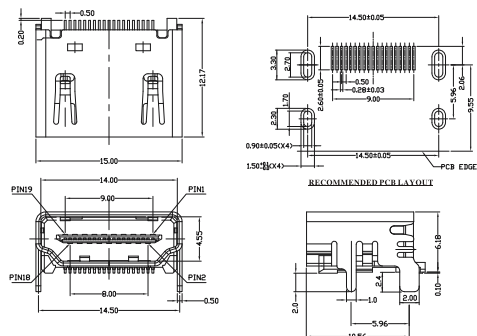
- Sequence Code
- Plating: <1-Gold Flash/Tin; 2-3u"Gold/Tin;...A-Gold Flash;...>
- Packing: <1-PE Bag; 2-Tray; 3-Tape&Reel>
- Shell: <1-C2680/Ni Plated; 2-C2680/Au Plated; 3-Spcc/Ni Plated;...>
- Product Series: <01~29-HDMI A Type; 30~49-HDMI C Type; 50~59-HDMI D Type>

HDMI CONNECTOR

HDMI (A TYPE) 19P F 90 ° SMT



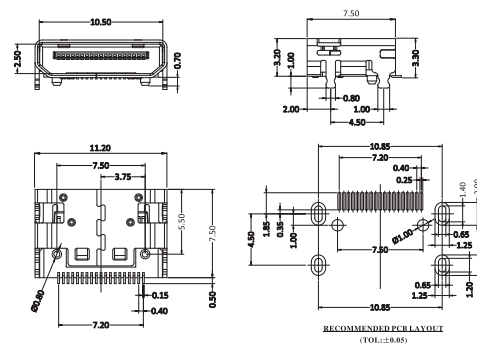
2206.1X.XXXX



MINI HDMI (C TYPE) 19P F 90 ° SMT



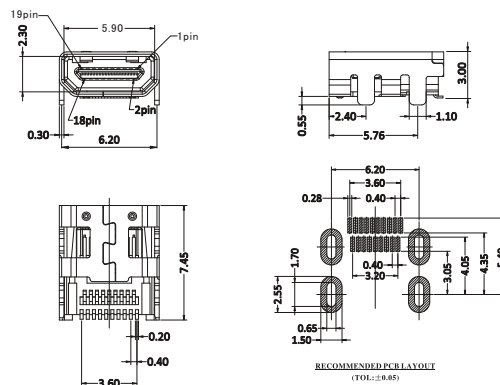
2232.XX.XXXX



MICRO HDMI (D TYPE) 19P F 90 ° SMT



2251.XX.XXXX



UTE® YOUTE ELECTRONIC

PIN HEADER CONNECTOR



Specifications

1. Dielectric Withstanding Voltage: 500V AC/DC
2. Insulation Resistance: 1000 Megohms Minimum.
3. Contact Resistance: 20mΩ Max

Material

- 1. Housing:** LCP. Nylon or PBT(94V-0), color: Black
2. Contact: Copper alloy gold plating over nickel

Product Encoding Rule

31 XX. X XX XXX. X X X X XXX

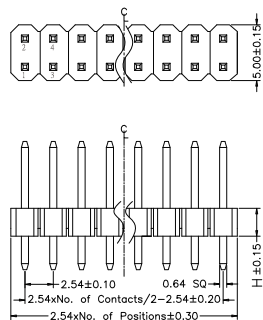
- Sequence Code
- Plating: <1-Gold Flash/Tin; 2-3u"Gold/Tin;...>
- Packing: <1-PE Bag; 2-Tray; 3-Tube w/o Cap; 4-Tube with Cap;...>
- DIP Type: <0-Undefined>
- 2 Row SMT Type: <1-w/o Post; 2-with Different Post; 3-with Same Post>
- 1 Row SMT Type: <4-Pin(left Up/Right Down); 5-Pin(left Down/Right Up)>
- Plastic Color/Material: <0-Black/PBT; 1-Black/PA46; 2-Black/PA46; 3-Black/PA6T;...>
- Pin Length: <116-11.6mm;...>
- No. of Pins per Row: <30-30 Pins;...>
- Plastic Height: <0.65mm; 1-1.0mm; 2-1.38mm; 3-1.5mm; 4-1.7mm; 5-2.0mm;...>
- Product Series: <10~19-Pitch 1.0; 20~39-Pitch 1.27; 40~69-Pitch 2.0; 70~99-Pitch 2.54;...>

PIN HEADER CONNECTOR

PH2.54 2XNP 180° H=1.5/2.0/2.5mm



3178.XXXXXX.XXXXXXX ↗



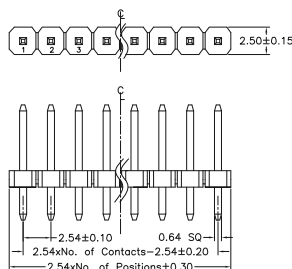
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



PH2.54 1XNP 180° H=1.5/2.0/2.5mm



3170.XXXXXX.XXXXXXX ↗



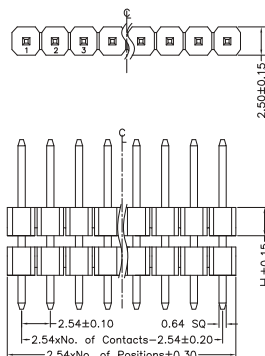
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



PH2.54 1XNP 180° DOUBLE PLASTIC
H=1.5/2.0/2.5mm



3175.XXXXXX.XXXXXXX ↗



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

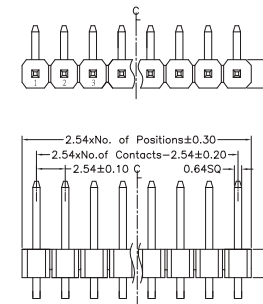


PIN HEADER CONNECTOR

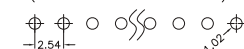
PH2.54 1XNP 90° H=1.5/2.0/2.5mm



3171.XXXXXX.XXXXXXX ↗



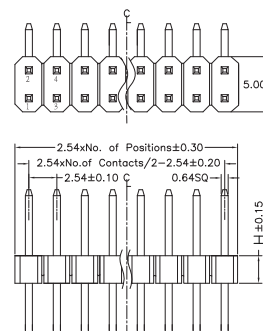
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



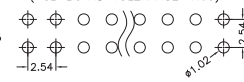
PH2.54 2XNP 90° H=1.5/2.0/2.5mm



3179.XXXXXX.XXXXXXX ↗



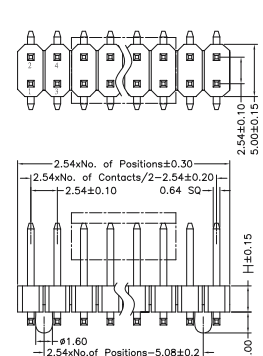
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



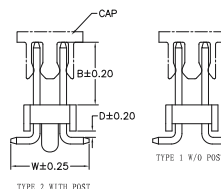
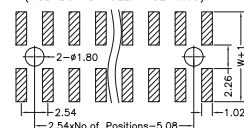
PH2.54 2XNP SMT H=1.5/2.0/2.5mm



3180.XXXXXX.XXXXXXX ↗



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

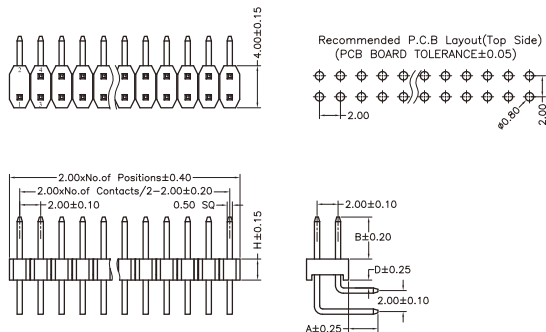
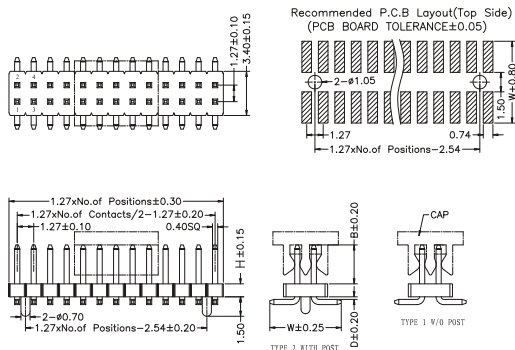


PIN HEADER CONNECTOR

PH2.0 2XNP 90 ° H=1.5/2.0mm



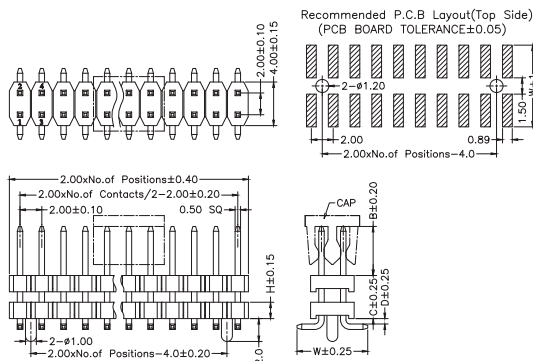
3149.XXXXXX.XXXXXXX

PH1.27 2XNP SMT H=1.0/1.5/2.0
/2.5mm3127.XXXXXX.XXXXXXX 

PH2.0 2XNP SMT DOUBLE PLASTIC
H=1.5/2.0mm



3152.XXXXXX.XXXXXXX 



FEMALE HEADER CONNECTOR



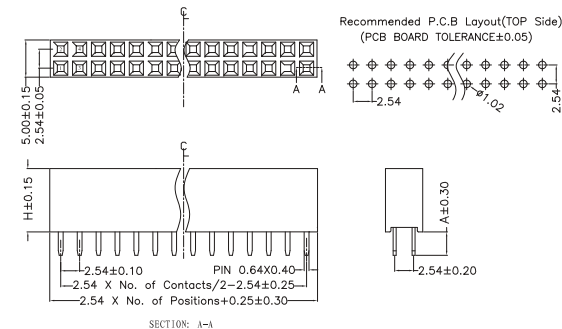
Specifications

- 1. Dielectric Withstanding Voltage:** 500V AC/DC
- 2. Insulation Resistance:** 1000 Megohms Minimum.
- 3. Contact Resistance:** 20mΩ Max

Material

- 1. Housing:** LCP, Nylon or PBT 94V-0, color: Black
2. Contact: Copper alloy gold plating over nickel

FH2.54 2XNP 180 ° H=3.5/5.7/8.5mm

32577.XXXX.X0XXXXX 

Product Encoding Rule

32 XXX. XX XX. X X X X XXX

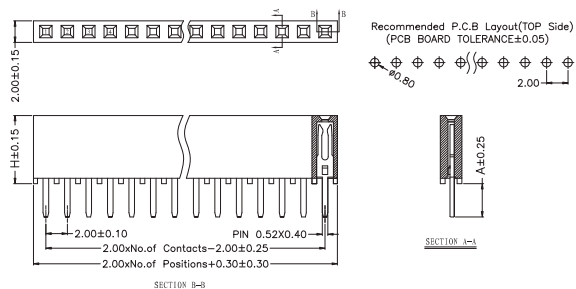
- Sequence Code
 — Plating:<1-Gold Flash/Tin; 2-3u"Gold/Tin;...>
 — Packing:<1-PE Bag; 2-Tray; 3-Tube w/o Cap; 4-Tube with Cap;...>
 — DIP Type:<0-Undefined>
 2 Row SMT Type:<1-w/o Post; 2-with Different Post; 3-with Same Post>
 1 Row SMT Type:<4-Pin(left Up/Right Down); 5-Pin(left Down/Right Up)>
 — Plastic Color/Material:<0-Black/PBT; 1-Black/PA46; 2-Black/PA46; 3-Black/PA6T;...>
 — Pin Length:<30-3.0mm(for DIP Type);...> Pin Width:<50-5.0mm(for SMT Type);...>
 — No. of Pins per Row:<30-30 Pins;...>
 — Product Series:<100~199-Pitch1.0; 201~399-Pitch1.27; 400~499-Pitch2.0;...>

FEMALE HEADER CONNECTOR

FH2.0 1XNP 180 ° H=4.0/4.3/4.6/
6.35mm



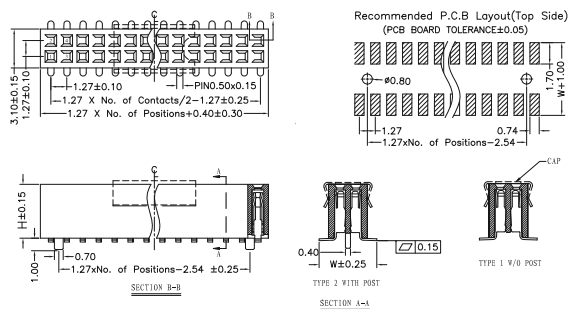
32461.XXXX.X0XXXXX ↗



FH1.27 2XNP SMT H=2.1/3.4/4.3/4.6/
5.7mm



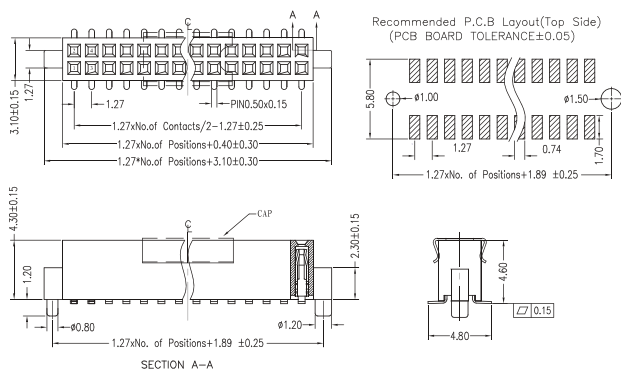
32246.XXXX.XXXXXXX ↗



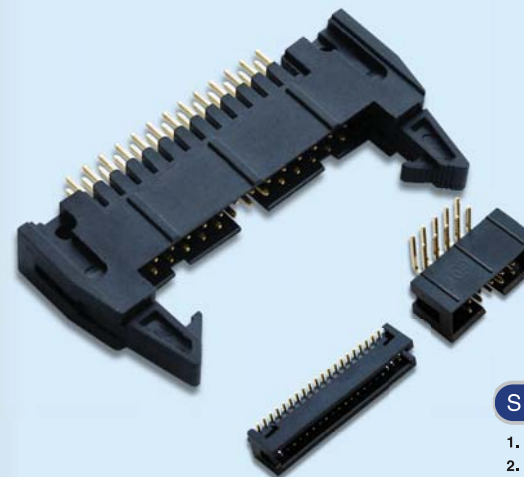
FH1.27 2XNP SMT H=4.3 WITH
DIFFERENT POST



32246.XX48.X2XXXXX ↗



BOX / EJECTOR HEADER CONNECTOR



Specifications ↘

1. **Dielectric Withstanding Voltage:** 500V AC/DC
2. **Insulation Resistance:** 1000 Megohms Minimum.
3. **Contact Resistance:** 20mΩ Max

Material ↘

1. **Housing:** LCP, Nylon or PBT(94V-0), color: Black
2. **Contact:** Copper alloy gold plating over nickel

Product Encoding Rule ↘

XX XX. XX XX. X X X XXX

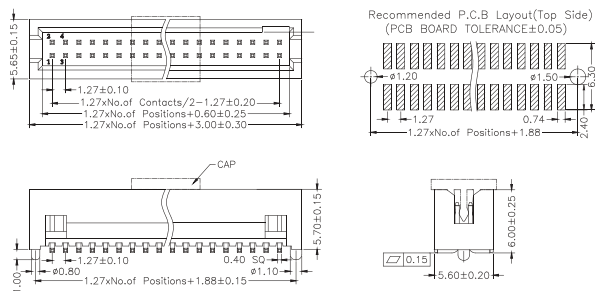
- Sequence Code
- Plating:<1-Gold Flash/Tin; 2-3u"Gold/Tin;...>
- Packing:<1-PE Bag; 2-Tray; 3-Tube w/o Cap; 4-Tube with Cap;...>
- Box Heder:DIP Type:<0-Undefinition>
- 2 Row SMT Type:<1-w/o Post; 2-with Different Post; 3-with Same Post>
- 1 Row SMT Type:<4-Pin(left Up/Right Down); 5-Pin(left Down/Right Up)>
- Ejector Heder:N/A
- Plastic Color/Material:<0-Black/PBT; 1-Black/PA46; 2-Black/PA46; 3-Black/PA6T;...>
- Pin Length:<30-3.0mm(for DIP Type);...> Pin Width:<50-5.0mm(for SMT Type);...>
- No. of Pins:<30-30 Pins;...>
- Product Series:<...>
- <33-Box Header; 34-Ejector Header>

BOX / EJECTOR HEADER CONNECTOR

1.27 BOX 2XNP SMT H=5.7 WITH POST



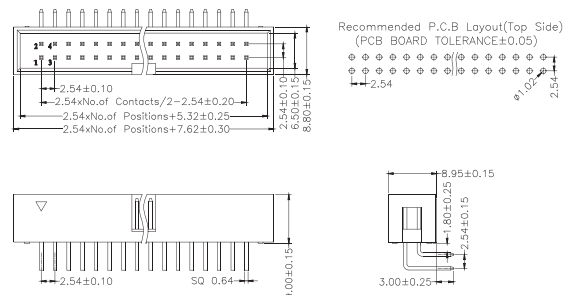
3313.XX55.X3XXXXX ↗



2.54 BOX NP



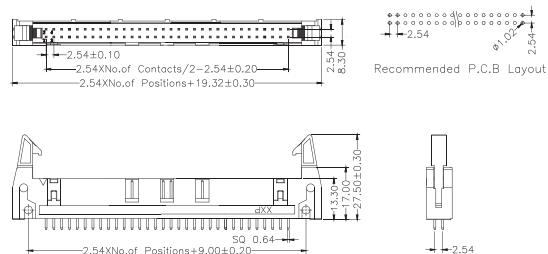
3353.XX30.X0XXXXX ↗



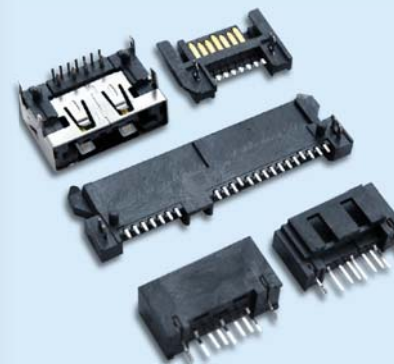
2.54 EJECTOR NP



3431.XX39.XXXXXX ↗



SATA CONNECTOR



Material ↗

1. **Housing:** LCP 94V-0, color:Black
2. **Contact:** Copper alloy
3. **Shell:** Copper alloy
4. **Peg:** Copper alloy

Plating ↗

1. **Contact:** Au Plated on contact area,
Tin Plated on solder area,
Nickel under plating over all.
2. **Shell:** Nickel Plated
3. **Peg:** Tin Plated on solder area,
Nickel under plating over all.

Product Encoding Rule ↗

23 XXX.XX X.X XXX

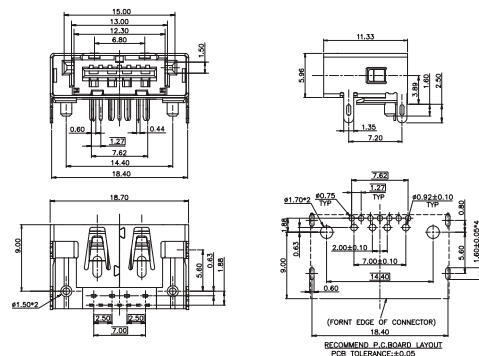
- Sequence Code
- Plating:<1-Gold Flash/Tin; 2-3u"Gold/Tin;...A-Gold Flash;...>
- Packing:<1-PE Bag; 2-Tray; 3-Tape & Reel; 4-Tube>
- Pin Length:<30-3.0mm (DIP Type);...00-SMT Type>
- Product Series:<001~099-SATA 7P; 100~199-E SATA 7P; 301~399-SATA7+15P;...>

SATA CONNECTOR

ESATA 7P+USB AF 90 °



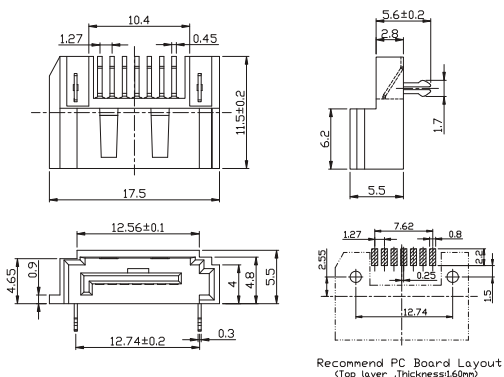
23200.22XX.XXXX 



SATA 7P M SMT



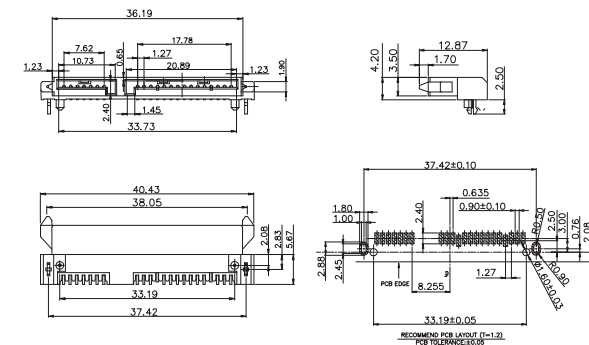
23011.00X.XXXX



SATA 7+15P F SMT



23313.00X.XXXX 

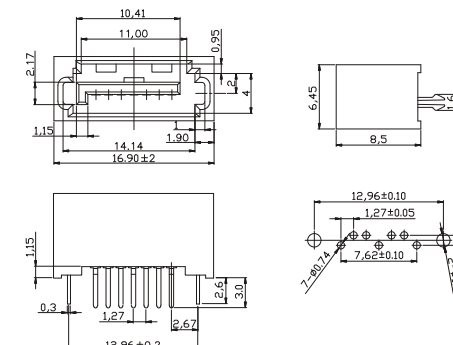


SATA CONNECTOR

SATA 7P M 180 ° WITHOUT LOCKING
GROOVE



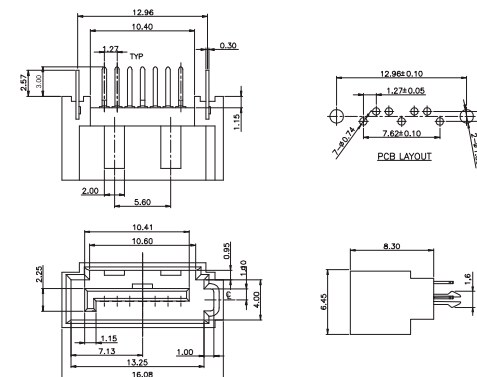
23009.30X.XXXX



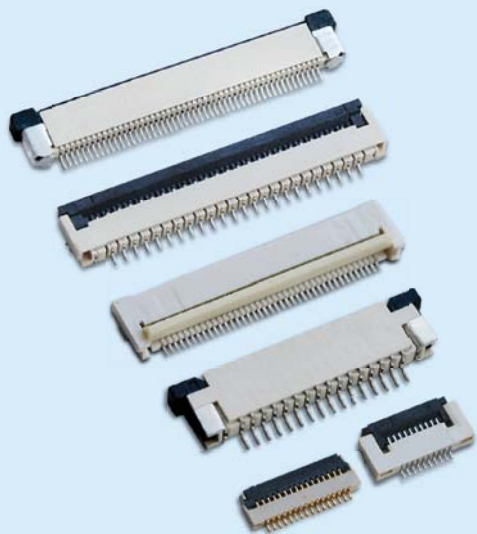
SATA 7P M 180 ° WITH LOCKING
GROOVE



23007.30X.XXXX



FPC CONNECTOR



Material

1. **Housing:** LCP or Nylon 94V-0, color:Black or White
2. **Slider:** LCP or Nylon 94V-0, color:Black or White
3. **Contact:** Copper alloy
4. **Solder Tab:** Copper alloy

Plating

1. **Contact:** Au or Tin plated over nickel
2. **Solder Tab:** Tin plated

Product Encoding Rule

52 XX. XX X X. X XXX

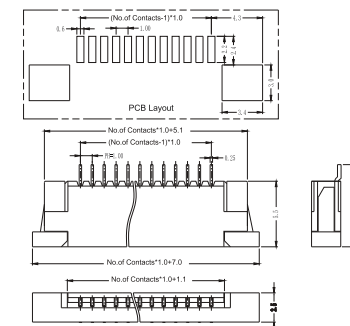
- Sequence Code
- Plating:<1-Tin; 2-Gold Flash;...>
- Packing:<1-Tube; 2-Tape&Reel w/o Mylar; 3-Tape&Reel with Mylar>
- Plastic Color/Material:<1-White/LCP; 2-Black/LCP; 3-Black/PA46;...>
- Number of Pin:<30-30 Pin;...>
- Product Series:<01~09-Pitch0.3; 10~39-Pitch0.5; 40~69-Pitch1.0; 70~79-Pitch1.25;...>

FPC CONNECTOR

FPC 1.0mm H=2.5 TOP/BOTTOM CONTACT



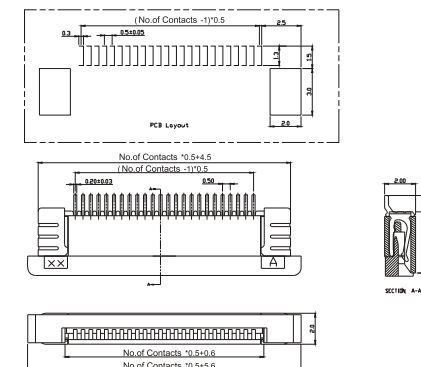
5249.XXXX.XXXX



FPC 0.5mm H=2.0 TOP/BOTTOM CONTACT



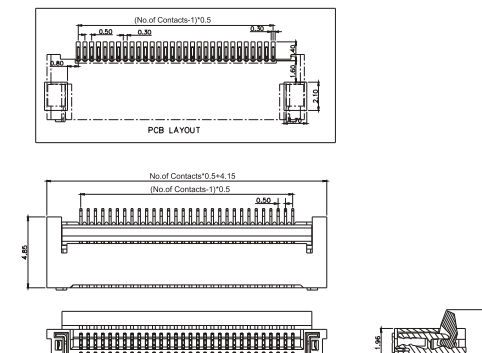
5218.XXXX.XXXX



FPC 0.5mm H=2.0 BACK FLIP TYPE



5225.XXXX.XXXX

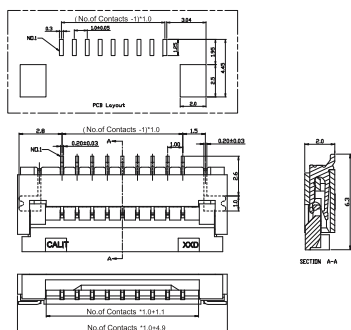


FPC CONNECTOR

FPC 1.0mm H=2.0 FLIP TYPE



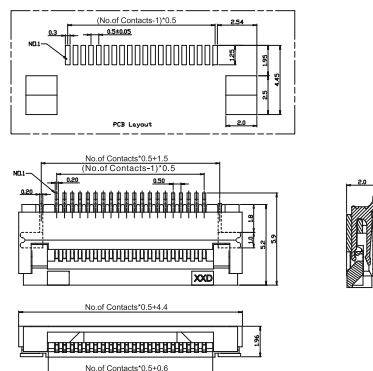
5243.XXXX.XXXX



FPC 0.5mm H=2.0 FLIP TYPE



5216.XXXX.XXXX



FPC 0.5mm H=1.0 FLIP TYPE



5226.XXXX.XXX

