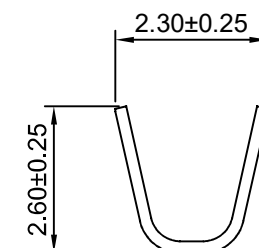
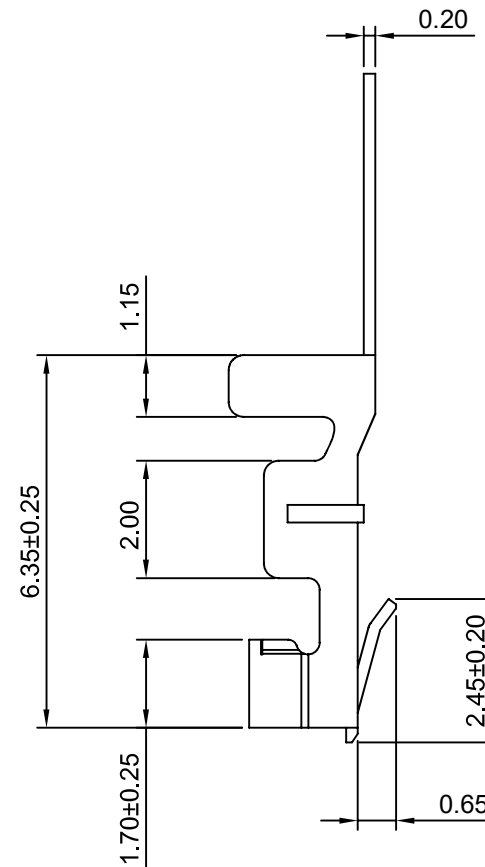
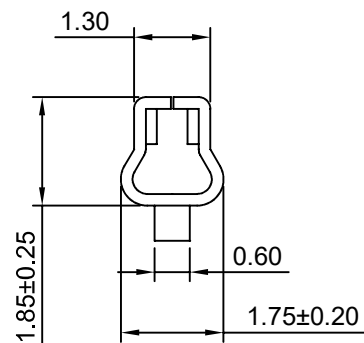
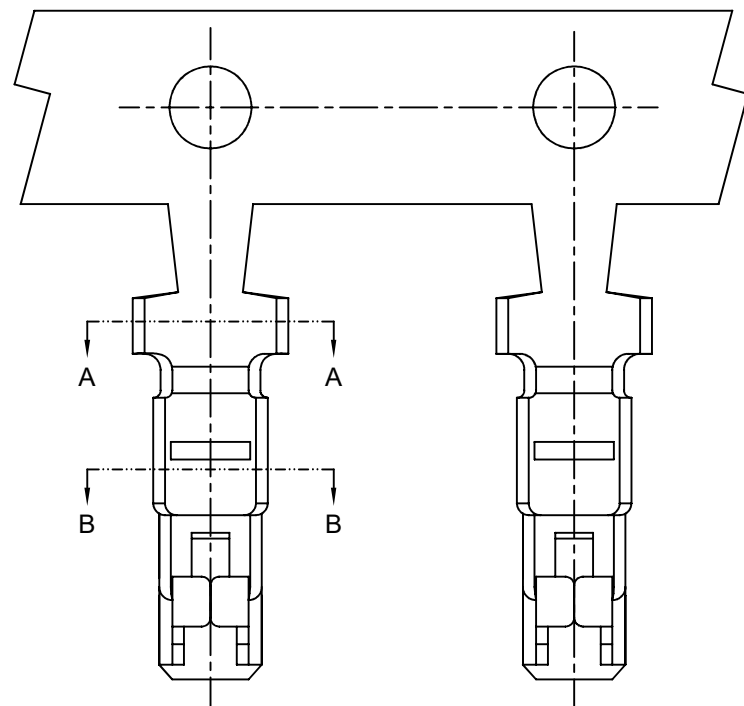
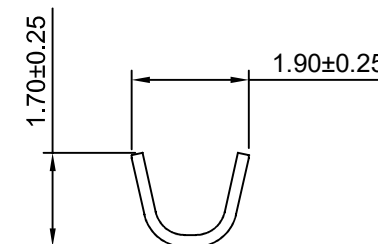


| 修订<br>REV | 标记<br>MARK | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |
|-----------|------------|------------------------------|-----------------|------------|
| A0        |            | NEW RELEASE                  | WANG            | 2013-10-30 |
|           |            |                              |                 |            |



SEC:A-A



SEC:B-B

# Ordering information & Specifications

Unit:mm

| Part No     | Wire Range | Insultion O.D. | Material        | Finish           | Qty/reel   |
|-------------|------------|----------------|-----------------|------------------|------------|
| HDGC2507-TP | AWG#22-#28 | 1.90mm(max)    | Phosphor Bronze | Tin over Nickel  | 10,000 PCS |
| HDGC2507-GP | AWG#22-#28 | 1.90mm(max)    | Phosphor Bronze | Gold over Nickel | 10,000 PCS |

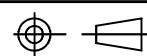
Optional Gold plating available but MOQ requested



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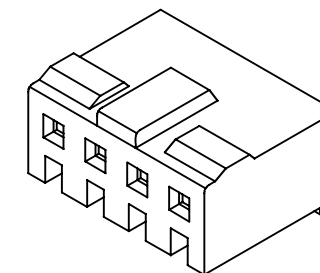
TEL : 0755-27129737 FAX : 0755-29940187

| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差参数表 |       |            |             |  <p>TITLE: 2.50mm Pitch<br/>产品名称: Crimp Terminal</p> |      |
|-----------------------------------------------------|-------|------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------|
| X.X                                                 | ±0.30 | X.X°       | ±3°         | APPD:<br>核准:                                                                                                                              | XIE  |
| X.XX                                                | ±0.30 | X.XX°      | ±2°         | CHECK:<br>校对:                                                                                                                             | WANG |
| X.XXX                                               | ±0.10 | X.XXX°     | ±1°         | DRAW:<br>绘图:                                                                                                                              | WANG |
| PART NO:<br>产品编号:                                   |       | HDGC2507-T |             |                                                                                                                                           |      |
| DATE                                                | SCALE | UNIT       | CODE NUMBER |                                                                                                                                           |      |
| 2013-10-30                                          | 8:1   | mm         | A008        |                                                                                                                                           |      |

| 修订<br>REV | 标记<br>MARK | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |
|-----------|------------|------------------------------|-----------------|------------|
| A0        |            | NEW RELEASE                  | WANG            | 2013-10-30 |
|           |            |                              |                 |            |

Ordering Information:  
 HDGC2507H-XP - \*\*  
 1 2

1.Part No.  
 2.Style:  
 (blank):Type 1  
 2 - Type 2



# SPECIFICATIONS:

Current Rating: 3A AC,DC  
 Voltage Rating: 500V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 20mΩ Max  
 Insulation Resistance: 100MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Material: Nylon 66,UL94V-0(Brown)

## Ordering Information & Dimensions

| Circuits | Dimensions(mm) |       | Circuits | Dimensions(mm) |       |
|----------|----------------|-------|----------|----------------|-------|
|          | A              | B     |          | A              | B     |
| 2P       | 2.50           | 5.50  | 9P       | 20.00          | 23.00 |
| 3P       | 5.00           | 8.00  | 10P      | 22.50          | 25.50 |
| 4P       | 7.50           | 10.50 | 11P      | 25.00          | 28.00 |
| 5P       | 10.00          | 13.00 | 12P      | 27.50          | 30.50 |
| 6P       | 12.50          | 15.50 | 13P      | 30.00          | 33.00 |
| 7P       | 15.00          | 18.00 | 14P      | 32.50          | 35.50 |
| 8P       | 17.50          | 20.50 | 15P      | 35.00          | 38.00 |



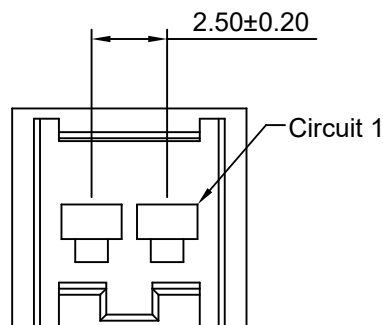
深圳市华德共创科技有限公司

Shenzhen Huade co-create Technology Co.,LTD

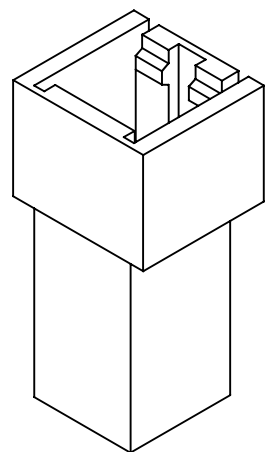
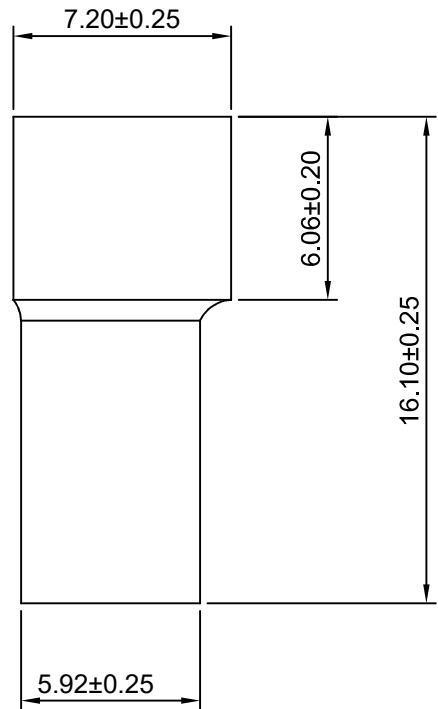
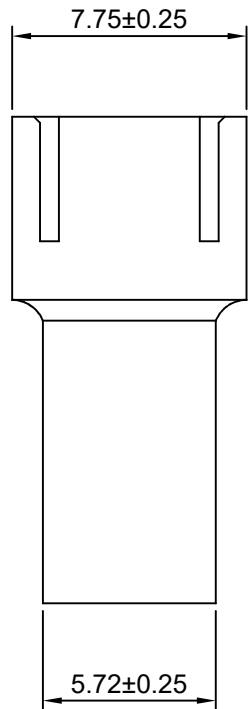
TEL : 0755-27129737

FAX : 0755-29940187

| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差参数表 |       |              |             | TITLE:<br>产品名称: 2.50mm Pitch Housing |      |
|-----------------------------------------------------|-------|--------------|-------------|--------------------------------------|------|
| X.X                                                 | ±0.30 | X.X°         | ±3°         | APPD:<br>核准:                         | XIE  |
| X.XX                                                | ±0.30 | X.XX°        | ±2°         | CHECK:<br>校对:                        | WANG |
| X.XXX                                               | ±0.10 | X.XXX°       | ±1°         | DRAW:<br>绘图:                         | WANG |
| PART NO:<br>产品编号:                                   |       | HDGC2507H-XP |             |                                      |      |
| DATE                                                | SCALE | UNIT         | CODE NUMBER |                                      |      |
| 2013-10-30                                          | 2:1   | mm           | A008        |                                      |      |



Ordering Information:  
HDGC2507H-2P - \*\*  
1                      2  
1.Color:  
(Blank):Brown  
WH:White  
BK:Black



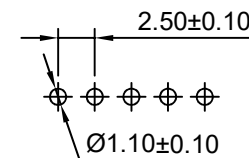
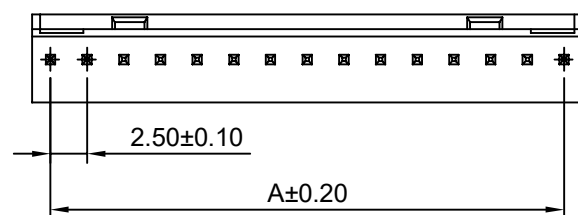
SPECIFICATIONS:  
Current Rating: 3A AC,DC  
Voltage Rating: 500V AC,DC  
Temperature Range: -25°C ~ +85°C  
Contact Resistance: 20mΩ Max.  
Insulation Resistance: 100MΩ Min.  
Withstanding Voltage: 1500V AC/minute  
Material: Nylon 66 UL94V-0(Brown)

| 修订<br>REV | 标记<br>MARK | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |
|-----------|------------|------------------------------|-----------------|------------|
| A0        |            | NEW RELEASE                  | WANG            | 2013-10-30 |
|           |            |                              |                 |            |

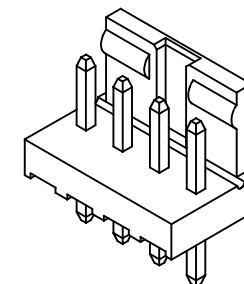
深圳市华德共创科技有限公司  
Shenzhen Huade co-create Technology Co.,LTD  
TEL : 0755-27129737      FAX : 0755-29940187

|                                                     |       |        |     |                |      |                                       |       |      |             |
|-----------------------------------------------------|-------|--------|-----|----------------|------|---------------------------------------|-------|------|-------------|
| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差参数表 |       |        |     |                |      | TITLE:<br>产品名称 : 2.50mm Pitch Housing |       |      |             |
| X.X                                                 | ±0.30 | X.X°   | ±3° | APPD:<br>核准 :  | XIE  | PART NO:<br>产品编号 : HDGC2507HM-2P      |       |      |             |
| X.XX                                                | ±0.30 | X.XX°  | ±2° | CHECK:<br>校对 : | WANG | DATE                                  | SCALE | UNIT | CODE NUMBER |
| X.XXX                                               | ±0.10 | X.XXX° | ±1° | DRAW:<br>绘图 :  | WANG | 2013-10-30                            | 4:1   | mm   | A008        |

| 修订<br>REV | 标记<br>MARK | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |
|-----------|------------|------------------------------|-----------------|------------|
| A0        |            | NEW RELEASE                  | WANG            | 2013-10-30 |
|           |            |                              |                 |            |



P.C.B LAYOUT

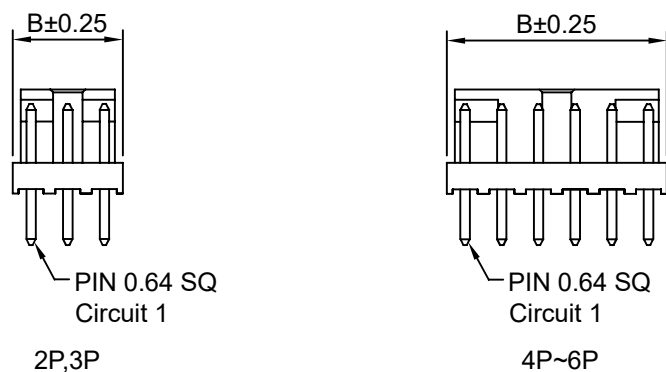
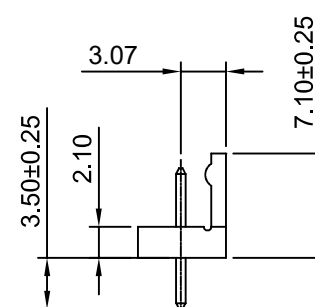
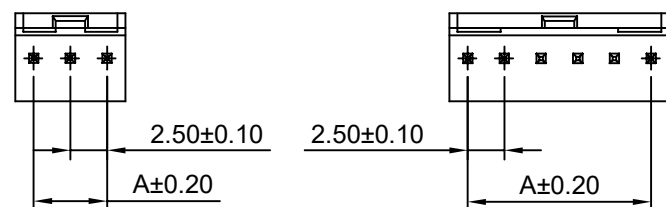
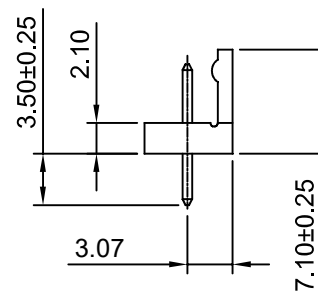
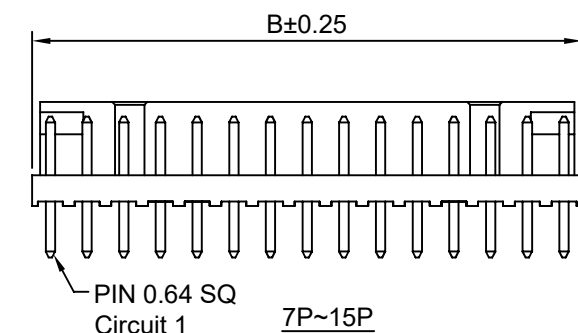


# SPECIFICATIONS:

Current Rating: 3A AC,DC  
Voltage Rating: 500V AC,DC  
Temperature Range: -25°C ~ +85°C  
Contact Resistance: 20mΩ Max  
Insulation Resistance: 100MΩ Min  
Withstanding Voltage: 1500V AC/minute  
Pin Material: Brass/Tin over Nickel  
Material: Nylon 66,UL94V-0 (Brown)

## Ordering Information & Dimensions

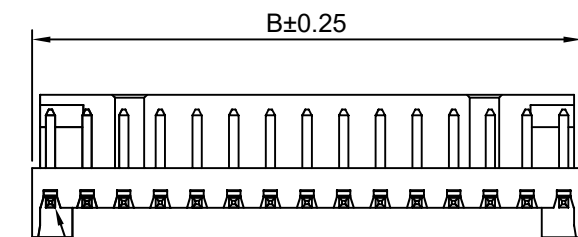
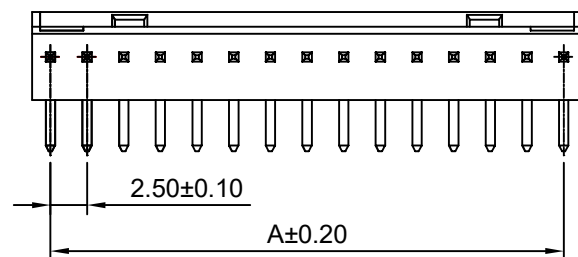
| Circuits | Dimensions(mm) |       | Circuits | Dimensions(mm) |       |
|----------|----------------|-------|----------|----------------|-------|
|          | A              | B     |          | A              | B     |
| 2P       | 2.50           | 5.00  | 9P       | 20.00          | 22.50 |
| 3P       | 5.00           | 7.50  | 10P      | 22.50          | 25.00 |
| 4P       | 7.50           | 10.00 | 11P      | 25.00          | 27.50 |
| 5P       | 10.00          | 12.50 | 12P      | 27.50          | 30.00 |
| 6P       | 12.50          | 15.00 | 13P      | 30.00          | 32.50 |
| 7P       | 15.00          | 17.50 | 14P      | 32.50          | 35.00 |
| 8P       | 17.50          | 20.00 | 15P      | 35.00          | 37.50 |



**HDGC** 深圳市华德共创科技有限公司  
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TEL : 0755-27129737 FAX : 0755-29940187

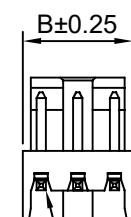
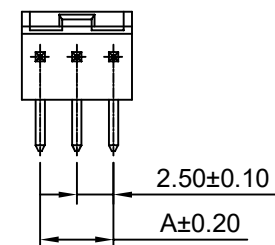
| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差参数表 |       |        |     | TITLE:<br>产品名称: 2.50mm Pitch<br>180° Wafer |      |    |      |
|-----------------------------------------------------|-------|--------|-----|--------------------------------------------|------|----|------|
| X.X                                                 | ±0.30 | X.X°   | ±3° | APPD:<br>核准:                               | XIE  |    |      |
| X.XX                                                | ±0.30 | X.XX°  | ±2° | CHECK:<br>校对:                              | WANG |    |      |
| X.XXX                                               | ±0.10 | X.XXX° | ±1° | DRAW:<br>绘图:                               | WANG |    |      |
|                                                     |       |        |     | 2013-10-30                                 | 2:1  | mm | A008 |

| 修订<br>REV | 标记<br>MARK | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |
|-----------|------------|------------------------------|-----------------|------------|
| A0        |            | NEW RELEASE                  | WANG            | 2013-10-30 |



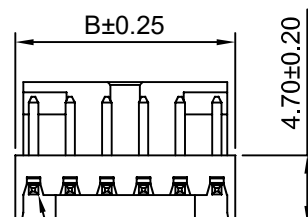
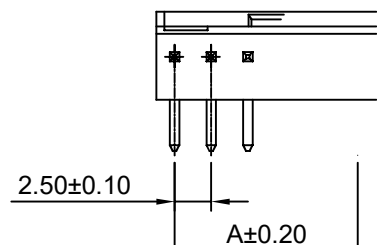
PIN 0.64 SQ  
Circuit 1

7P~15P



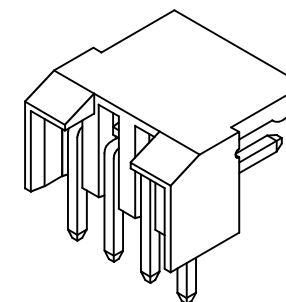
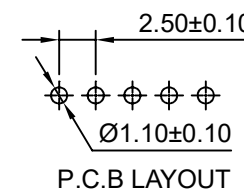
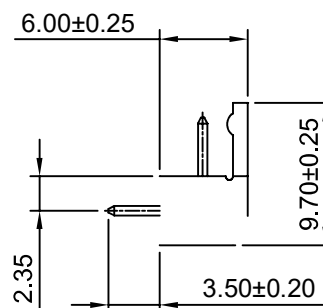
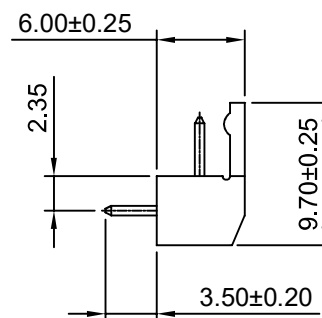
PIN 0.64 SQ  
Circuit 1

2P,3P



PIN 0.64 SQ  
Circuit 1

4P~6P



# SPECIFICATIONS:

Current Rating: 3A AC,DC  
Voltage Rating: 500V AC,DC  
Temperature Range: -25°C ~ +85°C  
Contact Resistance: 20mΩ Max  
Insulation Resistance: 100MΩ Min  
Withstanding Voltage: 1500V AC/minute  
Pin Material: Brass/Tin over Nickel  
Material: Nylon 66,UL94V-0(Brown)

## Ordering Information & Dimensions

| Circuits | Dimensions(mm) |       | Circuits | Dimensions(mm) |       |
|----------|----------------|-------|----------|----------------|-------|
|          | A              | B     |          | A              | B     |
| 2P       | 2.50           | 5.50  | 9P       | 20.00          | 23.00 |
| 3P       | 5.00           | 8.00  | 10P      | 22.50          | 25.50 |
| 4P       | 7.50           | 10.50 | 11P      | 25.00          | 28.00 |
| 5P       | 10.00          | 13.00 | 12P      | 27.50          | 30.50 |
| 6P       | 12.50          | 15.50 | 13P      | 30.00          | 33.00 |
| 7P       | 15.00          | 18.00 | 14P      | 32.50          | 35.50 |
| 8P       | 17.50          | 20.50 | 15P      | 35.00          | 38.00 |



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| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差参数表 |       |        |     |  |      | TITLE: 2.50mm Pitch<br>产品名称: 90° Wafer |       |      |             |
|-----------------------------------------------------|-------|--------|-----|---------------------------------------------------------------------------------------|------|----------------------------------------|-------|------|-------------|
| X.X                                                 | ±0.30 | X.X°   | ±3° | APPD:<br>核准:                                                                          | XIE  | PART NO:<br>产品编号: HDGC2507WR-XP        |       |      |             |
| X.XX                                                | ±0.30 | X.XX°  | ±2° | CHECK:<br>校对:                                                                         | WANG | DATE                                   | SCALE | UNIT | CODE NUMBER |
| X.XXX                                               | ±0.10 | X.XXX° | ±1° | DRAW:<br>绘图:                                                                          | WANG | 2013-10-30                             | 2:1   | mm   | A008        |

| 修订<br>REV | 标记<br>MARK | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |
|-----------|------------|------------------------------|-----------------|------------|
| A0        |            | NEW RELEASE                  | WANG            | 2013-10-30 |
|           |            |                              |                 |            |

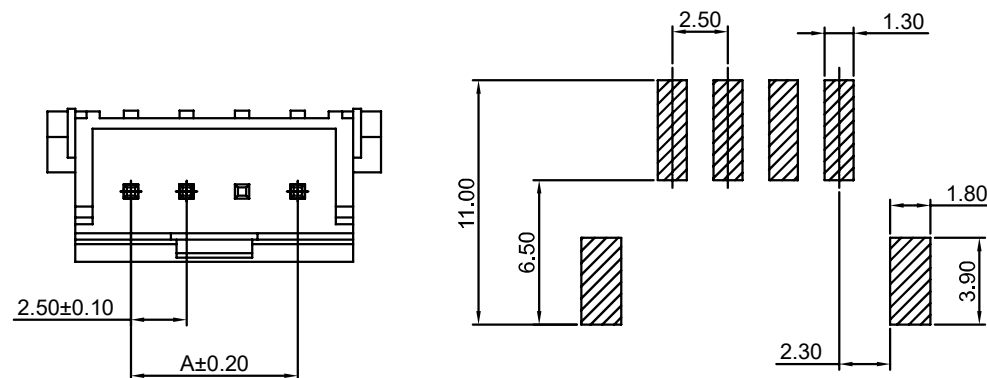
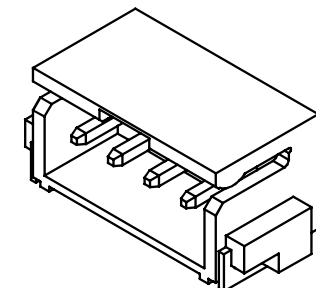
Ordering Information:  
HDGC2507WR-S-XP - \*\*\*  
1 2

1.Part No.

2.Material:

(Blank):Nylon 6T,UL94V-0

GWT :Nylon 6T,UL94V-0 GWT 750 °C



P.C.B LAYOUT

Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 2.50       | 5.00  |
| 3P       | 5.00       | 7.50  |
| 4P       | 7.50       | 10.00 |
| 5P       | 10.00      | 12.50 |
| 6P       | 12.50      | 15.00 |
| 7P       | 15.00      | 17.50 |
| 8P       | 17.50      | 20.00 |
| 9P       | 20.00      | 22.50 |
| 10P      | 22.50      | 25.00 |
| 11P      | 25.00      | 27.50 |
| 12P      | 27.50      | 30.00 |
| 13P      | 30.00      | 32.50 |
| 14P      | 32.50      | 35.00 |
| 15P      | 35.00      | 37.50 |

Unit: mm



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Shenzhen Huade co-create Technology Co.,LTD

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FAX : 0755-29940187

|                                                     |       |        |                                                                                       |                    |                                                  |       |      |             |
|-----------------------------------------------------|-------|--------|---------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|-------|------|-------------|
| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差参数表 |       |        |  |                    | TITLE: 2.50mm Pitch 90 °<br>产品名称: Wafer-SMT TYPE |       |      |             |
| X.X                                                 | ±0.30 | X.X°   | ±3°                                                                                   | APPD:<br>核准: XIE   | PART NO:<br>产品编号: HDGC2507WR-S-XP                |       |      |             |
| X.XX                                                | ±0.30 | X.XX°  | ±2°                                                                                   | CHECK:<br>校对: WANG | DATE                                             | SCALE | UNIT | CODE NUMBER |
| X.XXX                                               | ±0.10 | X.XXX° | ±1°                                                                                   | DRAW:<br>绘图: WANG  | 2013-10-30                                       | 2:1   | mm   | A008        |