



深圳市华灿天禄电子有限公司

物料承认书

SPECIFICATION FOR APPROVAL

客户名称:
Customer: _____
产品名称:
Description: VYH (6.50) 单、双排 系列-05
规格型号:
Modelno: _____
物料编号: _____
Cust P/N: _____

出厂签章

校 对 Issuer

审 核 Engineer

批 准 Approver

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承认签章 CUSTOMER

校 对 Issuer

审 核 Engineer

批 准 Approver

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确认合格后烦请回签一份给我司存档, 谢谢!

Pls. sign acknowledge and re-turn document to us after confirming, thank you !

产 品 承 认 书 目 录

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TITLE: 6.50MM PITCH VYH CONNECTOR DOUBLE ROW TYPE

PART No. : HC-VYH - ****

RELEASE DATE: 2019/7/25

REVISION: A

ECN No. :

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1、Scope

适用范围

The contents of specifications for 6.50 series connector strip including product performance, test methods and inspection requirements

本规格书内容适用于 6.50 系列条形连接器，包含了产品的性能，试验方法和试验要求

2、APPLICABLE STANDARDS

适用的标准

- | | |
|--------------|--|
| 2.1 GB/T2421 | Testing method for Environmental of Electrical Connectors Class 1:
General Principles |
| GB/T2421 | 电工电子产品环境试验 第一部分 总则 |
| 2.2 GB/T2423 | Testing method for Environmental of Electrical Connectors |
| GB/T2423 | 电工电子产品环境试验方法 |
| 2.3 GB/T2424 | Testing method for Environmental of Electrical Connectors |
| GB/T2424 | 电工电子产品环境试验导则 |
| 2.4 GB/T5095 | Testing procedure/method for components of electric equipment |
| GB/T5095 | 电子设备用机电元件基本试验规则及测量方法 |

3、USE CONDITION

使用条件

- 3.1 Ambient temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
环境温度: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- 3.2 Applicable Wire Sizes: AWG #16~#26
适用线规: AWG #16~#26
- 3.3 Applicable PC board thick:ness: 1.6mm
适用PC板厚度: 1.6mm

4、Appearance and Dimension

外观尺寸

- 4.1 Appearance : Product surface without defect 、dirt、crack、and mechanical damage, Contact without rust plating not oxides and not peeled
产品表面不应有对制品有害的缺陷、污垢、裂痕及机械损伤；接触件无锈蚀、镀层氧化、脱落等现象。
- 4.2 Dimension: According to drawings
外观尺寸: 依照附图
- 4.3 Exchangeable: Exchangeable with same specification products.
互换性: 相同规格应能互换



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5、Material

材 料

No. 序号	P/N 零件名称	Type 类型	Material 材 料	Finish 表面处理	Explain 说明
5.1	Terminal 端 子-T	Contact 插 簧	Phosphor bronze 锡青磷铜厚0.25mm	Tin plating 镀锡	ROHS
5.2	Housing 孔 座-Y	Plastic 塑 壳	Nylon66 UL94V- 0(2)	Color: Nature 颜色: 本色	
5.3	Wafer 针 座-AS	Plastic 塑 壳	PBT UL94V-0	Color: Nature 颜色: 本色	
		Contact 插 针	Brass 黄铜	Tin plating 镀锡	



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6、Electrical Performance

电气性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
6.1	Current Rated 额定电流		10A AC DC
6.2	Voltage Rated 额定电压		300V AC DC
6.3	Contact Resistance 接触电阻	A maximum voltage of 20m V and maximum current of 100mA are applied to the Mate connector 组合状态下的连接器，两端施以最大测试 电压20 mV以及最大测试电流100 mA Does not include wire resistance 不包含电线阻抗	Initial value less than 20m Ω 初始值$\leq$ 20m Ω
6.4	Withstand voltage 耐电压	Apply 1500V AC(rms)for 1 minute and the leakage current shall not exceed 0.5mA to the adjacent terminal and ground of the mate connectors 组合状态下的连接器，相邻两导体末端各施以电压 1500V AC（有效值）时间1分钟，且漏电流必须小于0.5mA（毫安培）	No breakdown or flashover 无击穿或者产生火花
6.5	Insulation Resistance 绝缘电阻	Apply 500V DC(rms) for 1 minute between adjacent contacts to measure the insulation resistance 相邻两接触导体，一分钟内施以 500V DC电压，测量期间的绝缘阻抗值	More than1000 M Ω $\geq 1000M \Omega$



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7、Mechanical Performance:

机械性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
7.1	Terminal crimping Wire strength 端子压接导线强度	Terminal crimping wire Axial per minute to 25 ±3mm rate of the pullout force 端子所压接电线，以每分钟 25±3mm 速之轴向拔出力	AWG#16wire AWG#16导线 More than 130N ≥130N
			AWG#18wire AWG#18导线 More than 90N ≥90N
			AWG#20wire AWG#20导线 More than 70N ≥70N
			AWG#22wire AWG#22导线 More than 50N ≥50N
			AWG#24wire AWG#24导线 More than 30N ≥30N
			AWG#26wire AWG#26导线 More than 20N ≥20N
7.2	Fixed terminals And hole seat 端子与孔座固定力	The terminal and the hole seat at a react per minute to 25 ±3mm along the write direction are pulled out from the hole in the seat capacity 端子与孔座配合以每分钟 25±3mm 的速度沿导线方向,将端子从孔座中拔出的力	Percontact 单一接触点 More than 20N ≥20N
7.3	Single contact insertion force 单接触插入力	The housing together with the terminal ends with wafer matched at a rate per minute to 25±3mm inserting force test 孔座连同端子与针座两端互配以每分钟 25 ±3mm 的速度作插入力测试	Less than 10N ≤10N
7.4	Single contact Withdrawal force 单接触拔出力	The housing together with the terminal ends with wafer matched at a rate per minute to 25±3mm inserting force test 孔座连同端子与针座两端互配以每分钟 25 ±3mm 的速度作拔出力测试	More than 2N ≥2N
7.5	Pin Retention Force pin Pin针固定力	Exerts a force on the pin end at a rate per Minute 25±3mm until the needle exit Seat pull-out force 在脚端施加力以每分钟 25±3mm 的速度直到针退出针座的拔出力	Percontact 单一接触点 More than 20N ≥20N



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7、Mechanical Performance:

机械性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
7.6	Durability 耐久性	Mate connectors up 30 cycles at a Maximum rate of 10 cycles per minute prior to environmental test 组合状态下的连接器且未经环境测试每分钟内进行10次嵌入与拔出，连续30次嵌入与拔出往返测试	Contact Resistance $\leq 40m \Omega$ 接触电阻 $\leq 40m \Omega$
7.7	Vibration 振动	Mate connector combination state of the welding circuit board as test samples the request in accordance with the following specification resistance to vibration test whether to produce discontinuous current determined during the experiment (off) phenomenon after the experiment measuring contact resistance 组合状态下的连接器焊接电路板上作为实验样品，依照如下规格要求，进行耐震动实验，实验过程中确定是否产生不连续电流（断电）现象，实验过后测量接触电阻值 Frequency（频率）:10-55-10 Hz/minute Amplitude（振幅）: 1.5mm p-p Direction（方向）: 1、Axis of up and down 上下轴向（Y轴） 2、Axis of right the left 左右轴向（X轴） 3、Axis of front and back 前后轴向（Z轴） Period（周期）: 2hour for each direction 每一个轴向持续2小时	Appearance: No damage 外观: 无损伤 Contact Resistance $\leq 40m \Omega$ 接触电阻 $\leq 40m \Omega$ Current Discontinuity 1 micro second Max 电流中断: 1 μ sec Max



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8、Endurance Characteristics:

环境性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
8.1	Thermal Aging 高温老化实验	Connector combination condition is placed in the accordance with the following specifications high temperature aging test after the test and measurement of contact resistance 组合状态下的连接器放置与加热烤箱中，依照如下规格要求，进行高温老化实验，试验后并测量接触电阻值 Temperature: $85\pm 2^{\circ}\text{C}$ Period: 96 hours continuously 温度: $85\pm 2^{\circ}\text{C}$ 周期: 持续96小时	Appearance: No damage 外观: 无损伤 Contact Resistance $\leq 40\text{m } \Omega$ 接触电阻 $\leq 40\text{m } \Omega$
8.2	Temperature 温升	Mate connector measure the temperature rise of contact when the maximum rated current is passed 组舍状态下的连接器，通过最大容许电流测量导体温度上升值	30℃ Max



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8、Endurance Characteristics:

环境性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
8.3	Humidity 恒定潮湿	Connector combination under the condition of constant temperature of the following specifications constant temperature and humidity test after the experiment measuring contact resistance insulation resistance and withstand voltage test 组合状态下的连接器放置恒定温度的湿气空间，依照如下规格要求，进行恒温恒湿实验，实验过后测量接触电阻、绝缘电阻以及耐电压测试 Temperature: $40 \pm 2^{\circ}\text{C}$ (温度: $40 \pm 2^{\circ}\text{C}$) Relative humidity: 90-95% (RH 相对湿度: 90-95%) Period: 96 hours continuously (周期: 持续96小时)	Appearance: No damage 外观: 无损伤 Contact Resistance $\leq 40\text{m}\ \Omega$ 接触电阻 $\leq 40\text{m}\ \Omega$ Insulation Resistance $\geq 1000\ \text{M}\Omega$ No breakdown or flashover 无击穿或者产生火
8.4	Temperature cycling 温度循环	The combined state of connectors as test samples in accordance with the requirements of the following specifications thermal shock test after the test measuring contact resistance insulation resistance and resistance to voltage 组合状态下的连接器作为实验样品，依照如下规格要求进行冷热冲击实验，试验后测量接触电阻、绝缘电阻、以及耐电压测试 One cycle consists of $-40 \pm 3^{\circ}\text{C}$ 30min, room temp 10-15min $105 \pm 3^{\circ}\text{C}$ 30min, room temp 10-15min Total cycle :5cycle $-40 \pm 3^{\circ}\text{C}$ 30分钟，放置转换时间10-15分钟 $105 \pm 3^{\circ}\text{C}$ 30分钟，放置转换时间10-15分钟 钟循环次数: 5次	Same as paragraph 8.3 同8.3章节



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8、Endurance Characteristics:

环境性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
8.5	Salt spray 盐雾	The combined state of connector as test samples salt spray test according to the following specifications test samples will be clean again with the water to dry naturally measurement of contact resistance 组合状态下的连接器作为实验样品，依照如下规格要求进行盐水喷雾实验，实验后将样品用清水冲干净自然晾干，测量接触电阻值 Temperature : $35 \pm 3^{\circ}\text{C}$ Solution: $5 \pm 1\%$ Period: Stamping after tin plated for 8 hours Stamping before tin plated for 24 hours 温度: $35 \pm 3^{\circ}\text{C}$ 浓度: $5 \pm 1\%$ 周期: 先电镀后冲压8 小时 先冲压后电镀24 小时	Appearance: No damage 外观: 无损伤 Contact Resistance $\leq 40\text{m } \Omega$ 接触电阻 $\leq 40\text{m } \Omega$
8.6	Solder ability 可焊性	In accordance with the following specifications were placed tin soldering test 放置锡炉中依照如下规格进行焊锡实验 Solder temperature : $260 \pm 3^{\circ}\text{C}$ Immersion period:: $3 \pm 0.5\text{S}$ 焊锡温度: $260 \pm 3^{\circ}\text{C}$ 沉浸周期: $3 \pm 0.5\text{S}$	Area of soldering: $\geq 90\%$ 焊锡面积: $\geq 90\%$



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8、Endurance Characteristics:

环境性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
8.7.1	Resistance to soldering heat 耐焊接热	anual soldering tin process Soldering time: $3 \pm 0.5S$ Soldering pot: $350 \pm 5^{\circ}C$ 手工烙铁焊锡工艺 焊接时间: $3 \pm 0.5S$ 焊接温度: $350 \pm 5^{\circ}C$ Mode of operation: 操作方式: Position DIP type needle solder conducto or a fixed piece at the end of the 1.5mm distance DIP型针座焊锡位置, 距离导体或固定片末端 1.5mm Position SMT type needle solder, conductor or a fixed piece at the end of the 0.5mm distance SMT 型针座焊锡位置, 距离导体或固定片末端 0.5mm Wave soldering tin soldering process Soldering time : $3 \pm 0.5S$ Soldering pot: $260 \pm 3^{\circ}C$ 波峰焊焊锡工艺 焊接时间: $3 \pm 0.5S$ 焊接温度: $260 \pm 3^{\circ}C$	Appearance: No damage 外观: 无损伤



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8、Endurance Characteristics:

环境性能

No. 序号	Item 项 目	Test mode 试验方法	Requirement 技术要求
8.7.2	Resistance to soldering heat 耐焊接热	Reflow soldering process Soldering time 5~10 S Max. Soldering pot: 255 ± 5℃ 回流焊锡工艺 焊接时间: 5~10S最大 焊接温度: 255±5° C Please refer to the 9.1 solder reflow temperature curve 回流焊请参考9.1温度曲线图	Appearance: No damage 外观: 无损伤



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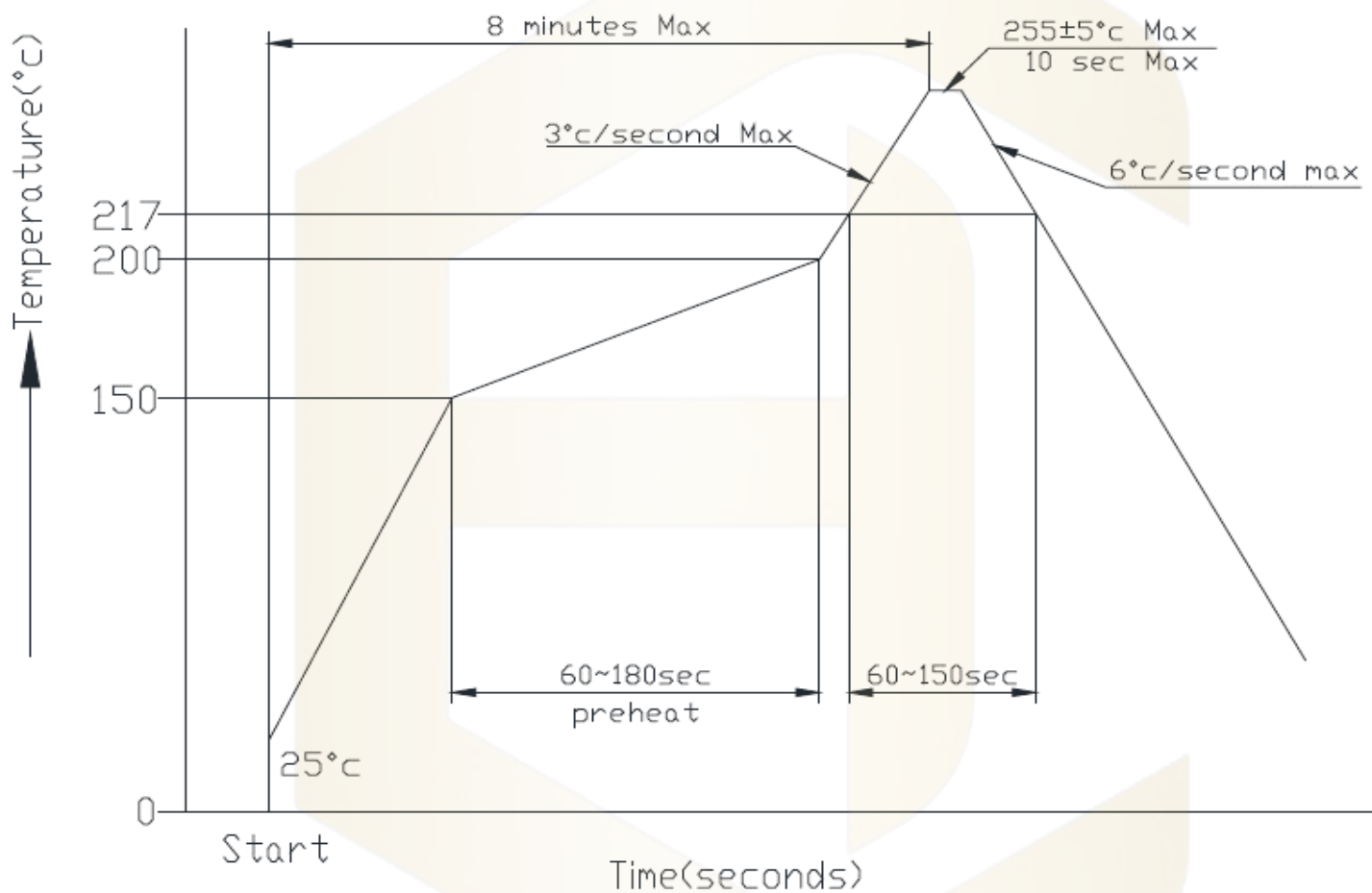
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9、The reflow temperature curve

回流焊温度曲线

9.1 SMT lead-free process temperature curve

SMT无铅工艺温度曲线



10、Caution

注意事项

10.1 plastic because of characteristics with water after package is opened should avoid exposure to the temperature is higher than 30°C, humidity is higher than 60% RH in the environment, and in the 24 hours after all after use, to prevent subsequent reflow wave soldering process to produce foaming phenomenon of deformation

塑料因具有吸水之特性包装拆封后应避免暴露于, 高温于 30°C, 湿度高于 60%RH 的环境中, 并在封后24小时内全数使用完毕, 防止后续回流焊、波峰焊制程产生起泡变形现象



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11、Packaging Transportation Storage

包装、运输、储存

11.1 Packaging

包装

(1) Terminal within the Packaging for disc loading material Packaging plastic shell packaging for plastic has seat plates tubes mounted (paste) into the certificate indicate the product name specifications quantity production date and other information
端子内包装为盘装带料包装、胶壳内包装为塑料带，针座包装为盘装，袋装，(贴)装入合格证，注明产品名称、规格型号、数量、出货日期等信息。

(2) Exterior package is carton facing the packing list the packing list marked with product name specification model quantity date of dispatch
外包装为纸箱，贴装箱单，装箱单上注明产品名称、规格型号、数量、出货日期

(3) The product in the box must not rock
产品在箱内不晃动

11.2 Transportation

运输

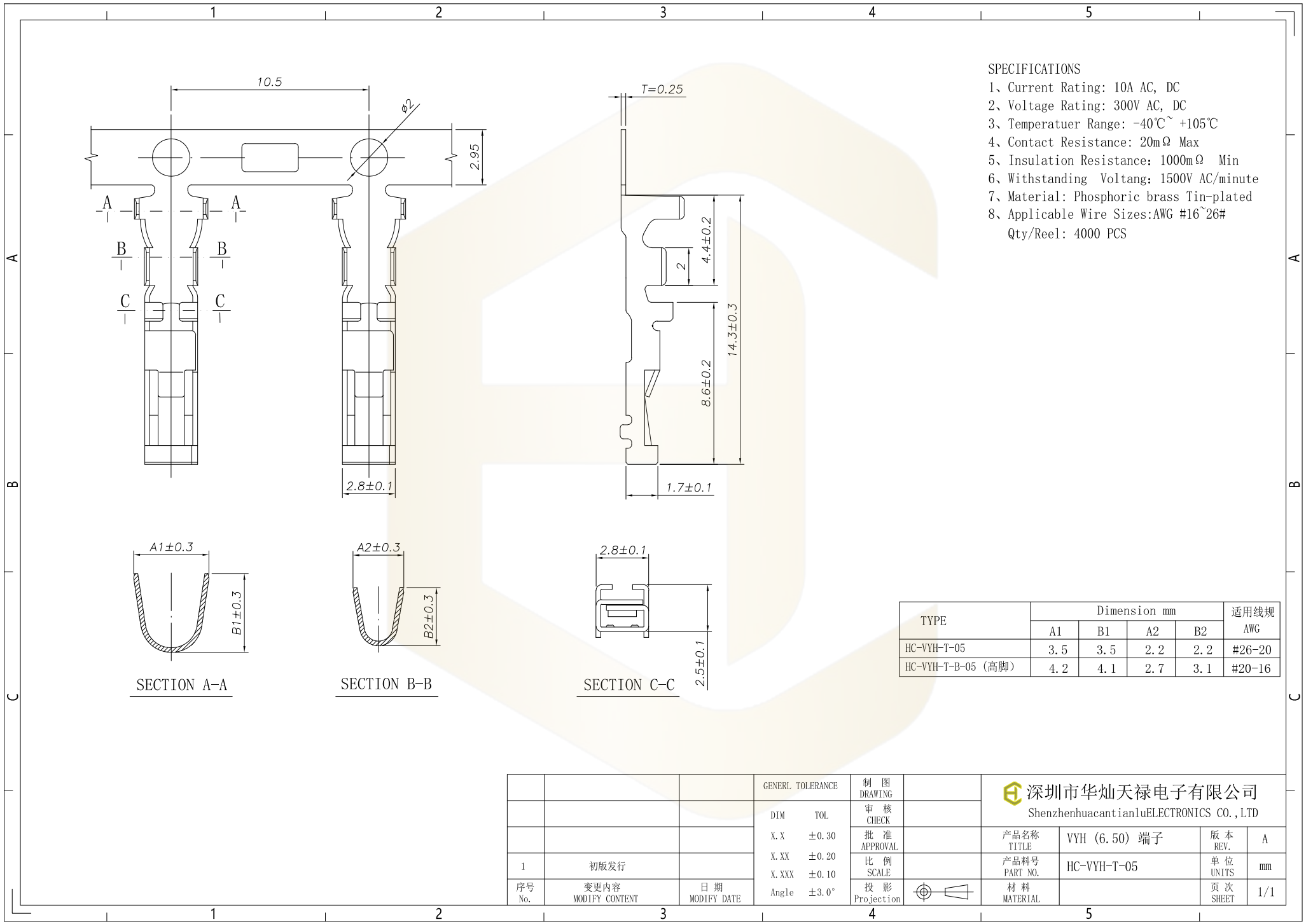
Any vehicle can be adopted for the transportation but moisture-proof and no mechanical damage Transport temperature to 10 °C ~+50 °C
允许用任何方式运输，但须避免雨雪直淋和阳光照射。不能有碰撞和挤压等机械损伤，运输环境温度为10 °C~+50 °C

11.3 Storage

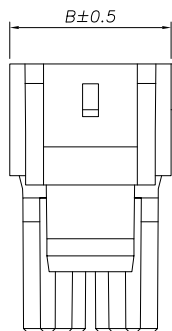
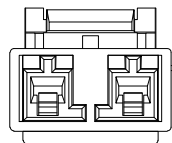
贮存

(1) The connector of packing finished should be in the ambient temperature between 10°C ~ +40°C relative humidity 50% ~ 80 % to store in storehouse air and other corrosive gas in the ambient air
包装完毕的连接器应在环境温度为10°C ~ +40°C，相对湿度50%~80%，周围空气中没有酸性，碱性及其它腐蚀性气体的库房中贮存

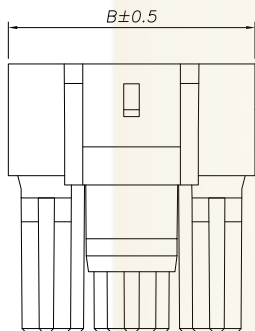
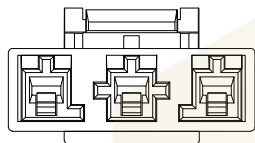
(2) Re-qualification test shall be conducted immediately while the storing duration exceed 6 mouths
贮存期为6个月，超期6个月需从新检查



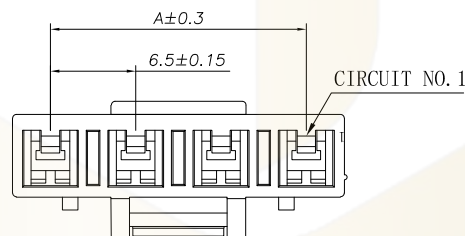
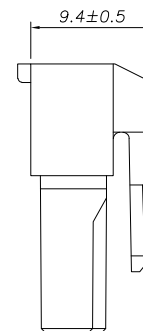
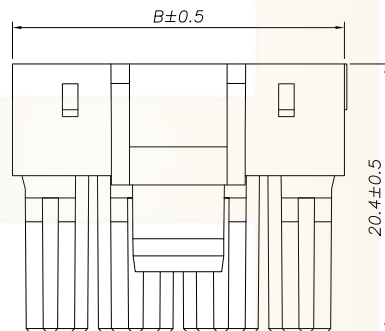
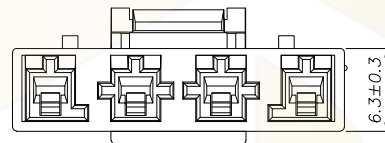
2 Pin



3 Pin



4 Pin



SPECIFICATIONS

- 1、Current Rating: 10A AC, DC
- 2、Voltage Rating: 300V AC, DC
- 3、Temperatuer Range: -40℃~ +105℃
- 4、Contact Resistance: 20mΩ Max
- 5、Insulation Resistance: 1000mΩ Min
- 6、Withstanding Voltang: 1500V AC/minute
- 7、Material: Housing Nylon66 UL94-V0(2)

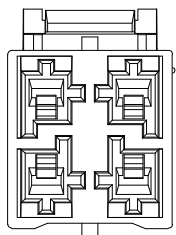
Circuit	Part NO.	Dimensions mm	
		A	B
2	HC-VYH-2Y-05	6.50	12.30
3	HC-VYH-3Y-05	13.00	18.80
4	HC-VYH-4Y-05	19.50	25.30

Ordering Information

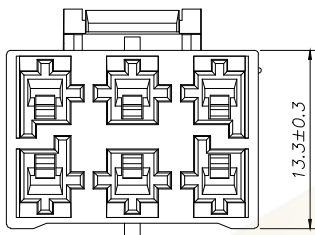
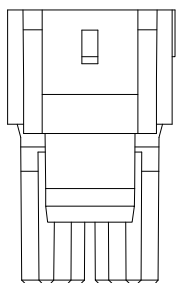
HC-VYH - N*** - * - 05

Pin Type Color

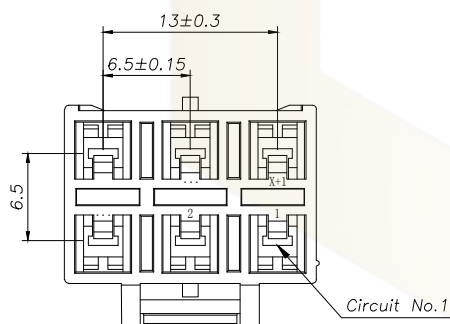
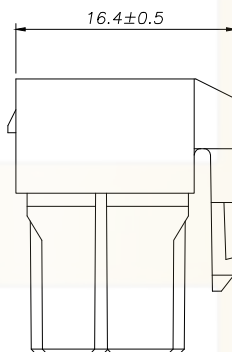
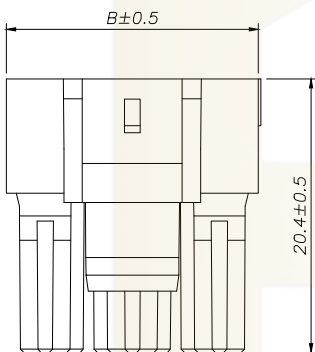
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1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 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1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 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2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 247



2x2 Pin



2x3 Pin



SPECIFICATIONS

- 1、Current Rating: 10A AC, DC
- 2、Voltage Rating: 300V AC, DC
- 3、Temperatuer Range: -40℃~+105℃
- 4、Contact Resistance: 20mΩ Max
- 5、Insulation Resistance: 1000mΩ Min
- 6、Withstanding Voltang: 1500V AC/minute
- 7、Material: Housing Nylon66 UL94-V0(2)

Circuit	Part NO.	Dimensions mm	
		A	B
2	HC-VYH-2x2Y-05	6.50	12.30
3	HC-VYH-2x3Y-05	13.00	18.80

Ordering Information

HC-VYH - N*** - * - 05

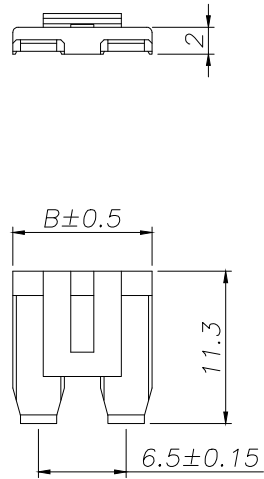
Pin Type Colour
V-孔座
A-直插
默认-本色
B-蓝色
L-银色
P-黄色
V-绿色
Q-棕色
R-黑色

			GENERL TOLERANCE	制 图 DRAWING		 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审 核 CHECK					
			X.X ±0.30	批 准 APPROVAL		产品名称 TITLE	VYH (6.50) 双排 带扣孔座	版 本 REV.	A
1	初版发行		X.XX ±0.20	比 例 SCALE		产品料号 PART NO.	HC-VYH-2xNY-05	单 位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日 期 MODIFY DATE	Angle ±3.0°	投 影 Projection		材 料 MATERIAL		页 次 SHEET	1/1

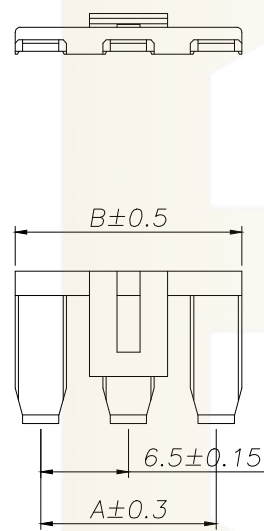
SPECIFICATIONS

- 1、Material: Nylon 66 UL94-V0(2)
2、Color: Nature

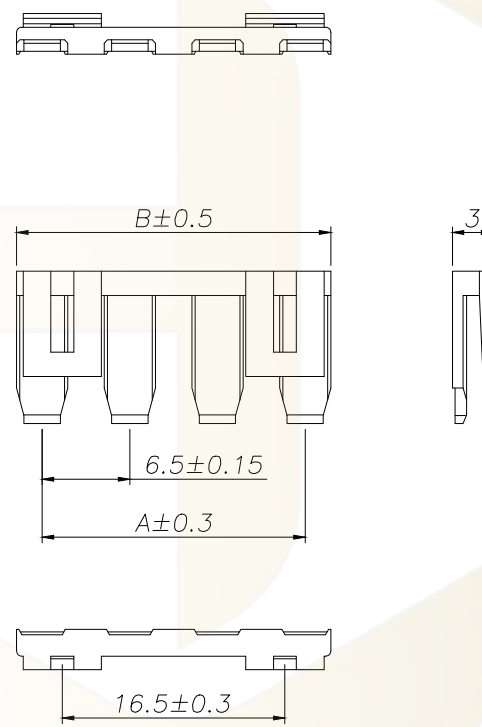
HC-VYH-2S-05



HC-VYH-3S-05

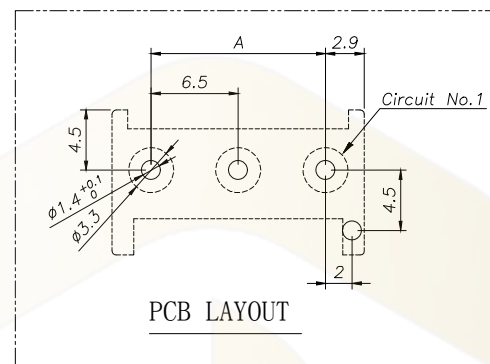
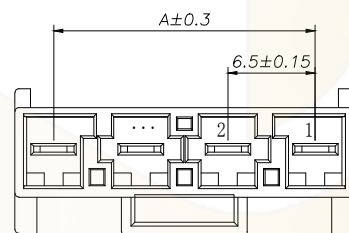
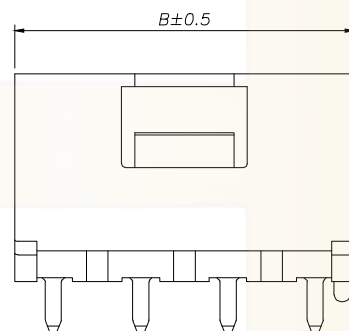
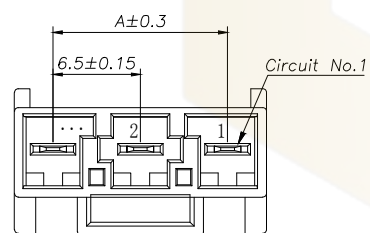
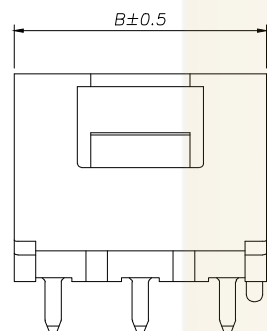
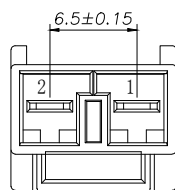
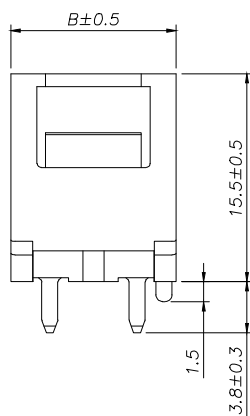


HC-VYH-4S-05



Circuit	Part NO.	Dimensions mm	
		A	B
2	HC-VYH-2S-05	6.50	10.30
3	HC-VYH-3S-05	13.00	16.80
4	HC-VYH-4S-05	19.50	23.30

			GENERL TOLERANCE	制 图 DRAWING	 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审 核 CHECK				
			X.X ±0.30	批 准 APPROVAL	产品名称 TITLE	6.50 线锁扣	版 本 REV.	A
1	初版发行		X.XX ±0.20	比 例 SCALE	产品料号 PART NO.	HC-VYH-NS-05	单 位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日 期 MODIFY DATE	X.XXX ±0.10	投 影 Projection	材 料 MATERIAL		页 次 SHEET	1/1
			Angle ±3.0°					



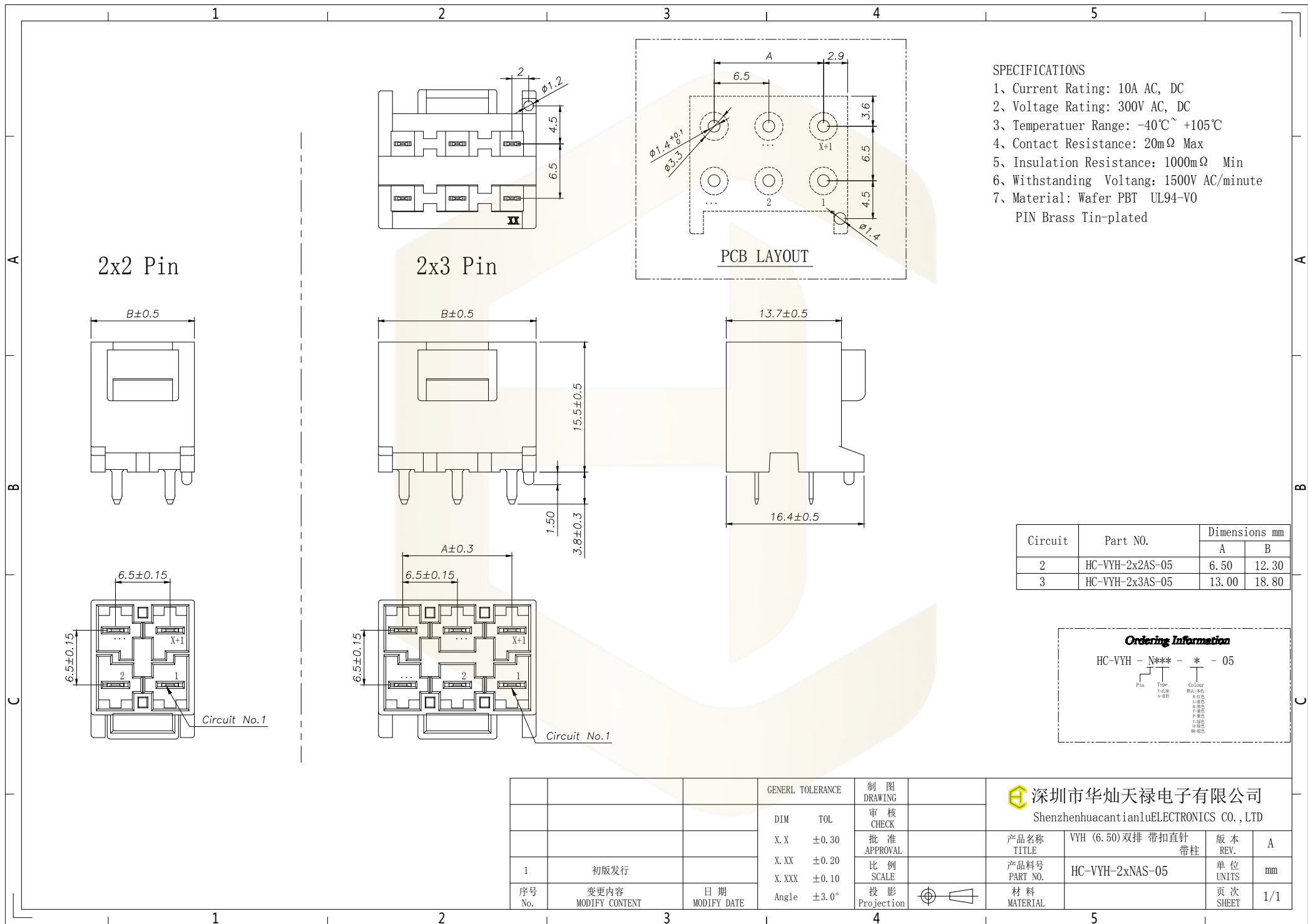
- 1、Current Rating: 10A AC, DC
- 2、Voltage Rating: 300V AC, DC
- 3、Temperatuer Range: -40℃~ +105℃
- 4、Contact Resistance: 20mΩ Max
- 5、Insulation Resistance: 1000mΩ Min
- 6、Withstanding Voltang: 1500V AC/minute
- 7、Material: Wafer PBT UL94-V0
PIN Brass Tin-plated

Circuit	Part NO.	Dimensions mm	
		A	B
2	HC-VYH-2AS-05	6.50	12.30
3	HC-VYH-3AS-05	13.00	18.80
4	HC-VYH-4AS-05	19.50	25.30

HC-VYH - N*** - * - 05

Pin Type Colour
Y乳脂 乳白色
AS直針帶柱 乳白色
L黃色
B黃色
Y黃色
Y綠色
O綠色
B藍色

			GENEERL TOLERANCE		制 图 DRAWING	 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM	TOL	审 核 CHECK				
			X. X	± 0. 30	批 准 APPROVAL	产 品 名 称 TITLE	VYH (6.50)单排 带扣直针 带柱	版 本 REV.	A
1	初版发行		X. XX	± 0. 20	比 例 SCALE	产 品 料 号 PART NO.	HC-VYH-NAS-05	单 位 UNITS	mm
			X. XXX	± 0. 10					
序号 No.	变更内容 MODIFY CONTENT	日 期 MODIFY DATE	Angle	± 3. 0 °	投 影 Projection		材 料 MATERIAL	页 次 SHEET	1/1



SPECIFICATIONS

1、Current Rating: 10A AC, DC

2、Voltage Rating: 300V AC, DC

3、Temperatuer Range: -40℃~ +105℃

4、Contact Resistance: 20mΩ Max

5、Insulation Resistance: 1000mΩ Min

6、Withstanding Voltang: 1500V AC/minute

7、Material: Wafer PBT UL94-V0

PIN Brass Tin-plated

Circuit	Part NO.	Dimensions mm	
		A	B
2	HC-VYH-2x2AS-05	6.50	12.30
3	HC-VYH-2x3AS-05	13.00	18.80

Ordering Information			
HC-VYH	-	N***	- * - 05
Pin	Type	Colour	
		Pin Colour	
		Pin Colour	
		Pin Colour	
		Pin Colour	
		Pin Colour	
		Pin Colour	
		Pin Colour	
		Pin Colour	

			GENERAL TOLERANCE		制 图 DRAWING	 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD				
			DIM	TOL	审 核 CHECK					
			X.X	±0.30	批 准 APPROVAL	产品名称 TITLE	VYH (6.50) 双排 带扣直针 带柱	版 本 REV.	A	
			X.XX	±0.20	比 例 SCALE	产品料号 PART NO.	HC-VYH-2xNAS-05	单 位 UNITS	mm	
1	初版发行		X.XXX	±0.10						
序号 No.	变更内容 MODIFY CONTENT	日 期 MODIFY DATE	Angle	±3.0°	投 影 Projection		材 料 MATERIAL		页 次 SHEET	1/1