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# CUSTOMER DRAWING

| REVISIONS |     |                       |          |          |
|-----------|-----|-----------------------|----------|----------|
| SYM       | ECN | DESCRIPTION           | DATE     | APPROVED |
| 1         | TBA | NEW DESIGN            | 02/10'15 | IP       |
| 2         | TBA | UPDATE DRAWING        | 04/05'17 | IP       |
| 3         | TBA | UPDATE THE PCB LAYOUT | 10/25'18 | IP       |

DATE CODE, SEE NOTE 6  
日期代码, 见注解6

CONNECTOR STADOFF AREA  
RECOMMENDED PCB LAYOUT TOP VIEW  
TOLERANCE: ±0.05(PCB THICKNESS=1.6±0.15mm)

NOTES(注释):

- MATERIAL(材料): SEE TABLE 1(见表1)
- CONTACT RESISTANCE(接触电阻): 10mΩ MAX EXCLUDING CONDUCTOR RESISTANCE 10毫欧最大(除掉导体电阻)
- INSULATOR RESISTANCE(绝缘电阻): 1000M OHMS MIN(10兆欧姆最小)
- DIELECTRIC WITHSTANDING VOLTAGE: 500V AC. 耐电压: 500伏交流。
- DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994(尺寸标注基于ASME Y14.5M 1994标准规范)
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004 产品材料环保标准为Amphenol S-SN#002, 如果是无卤产品需满足标准SSN#004
- 100% OPEN.SHOR(100%短、断路测试)
- DATE CODE(日期代码): YYMMDD EX.150101 MEANS JAN. 1ST, 2015(例:150101代表2015年1月1号生产) FONT(字体): COURIER NEW; FONT SIZE(字高): 8
- DIMENSION MARKED ▽ SHOULD CHECK THE CPK(>=1.33) 尺寸有标记 ▽ 号需要测量CPK(>=1.33)
- ORDER P/N SYSTEM(料号): HSDN-X-RPPCB20-X

PACKING METHOD(包装方法):  
A--PACKING BY TAPE&REEL(载带包装)  
B--PACKING BY TRAY(托盘包装)

CODING IS OPTIONAL, SEE TABLE 2  
扣位可选择, 见表2

PINNING(PIN序号)  
FRONT VIEW(前视图)

TABLE 1(表1):

| ITEM(项次) | QTY(数量) | DESCRIPTION(描述)       | MATERIAL(材料); PLATING(电镀)                            |
|----------|---------|-----------------------|--|
| 9        | 1       | OUTER HSG(外主体)        | HIGH TEMPERATURE THERMOPLASTIC(高温热塑性塑胶)              |
| 8        | 2       | LONG SQ PIN(长方PIN)    | COPPER ALLOY(铜合金); TIN PLATED(镀锡)                    |
| 7        | 2       | SHORT SQ PIN(短方PIN)   | COPPER ALLOY(铜合金); TIN PLATED(镀锡)                    |
| 6        | 1       | DI CAST BODY(锌合金主体)   | ZINC ALLOY(锌合金); TIN PLATED(镀锡)                      |
| 5        | 1       | DIE CAST COVER(锌合金盖子) | ZINC ALLOY(锌合金); NI PLATED(镀镍)                       |
| 4        | 1       | DIELECTRIC(绝缘子)       | HIGH TEMPERATURE THERMOPLASTIC(高温热塑性塑胶)              |
| 3        | 1       | CORE HSG(胶芯)          | HIGH TEMPERATURE THERMOPLASTIC(高温热塑性塑胶)              |
| 2        | 2       | SHORT TERMINAL(短端子)   | COPPER ALLOY(铜合金); GOLD PLATED AT MATING AREA(接触区镀金) |
| 1        | 2       | LONG TERMINAL(长端子)    | COPPER ALLOY(铜合金); GOLD PLATED AT MATING AREA(接触区镀金) |

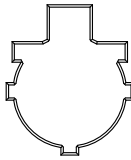
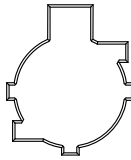
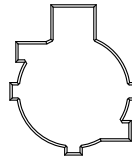
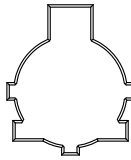
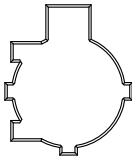
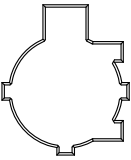
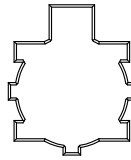
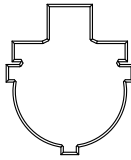
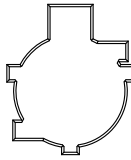
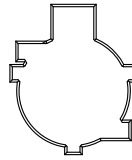
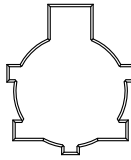
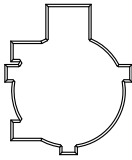
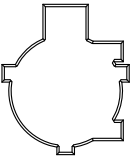
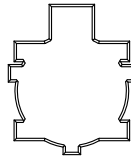
| UNLESS OTHERWISE SPECIFIED TOLERANCES |        | APPROVAL                      |            | DATE     | Amphenol<br>Amphenol East Asia Limited |  |
|---------------------------------------|--------|-------------------------------|------------|----------|--|--|
| U.S.                                  | METRIC | DRAWN                         | Harvey Yan | 04/05'17 |  |  |
| X. +/-                                | 0.50   | CHECKED                       |            |          |  | TITLE<br>CUSTOMER DRAWING FOR<br>HSD4+4 R/A PLUG |
| .XX +/-                               | 0.25   | CHECKED                       |            |          |  |  |
| FRACTIONS +/- FINISH ANGLES +/-       |        | DRAWING FILE :                |            |          | SIZE<br>A3                             |  |
|                                       |        | DRAWING\HSD\HSD00RPPCB20X.dwg |            |          |  |  |
| REMOVE SHARP EDGES                    |        | ANGLE OF PROJECTION           |            |          | DRAWING NO.<br>HSDNRPCCB20X            |  |
| DIMENSIONS                            |        | U.S. INCHES                   |            |          | REV.<br>3                              |  |
| METRIC MM                             |        | SCALE<br>NONE                 |            |          | SHEET 1 OF 2                           |  |

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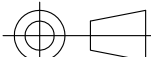
# CUSTOMER DRAWING

| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| SYM       | ECN | DESCRIPTION | DATE | APPROVED |
|           |     |             |      |          |

TABLE 2/表2

|  |   |  |   |  |   |  |
|--|---|--|---|--|---|--|
|   |    |   |    |   |    |   |
| <b>CODING A</b><br>A 扣<br>BLACK, RAL9005<br>黑色, 色码RAL9005<br>RAW MATERIAL<br>原材料<br>3203000120<br>色母: 无                    | <b>CODING B</b><br>B 扣<br>WHITE, RAL9001<br>白色, 色码RAL9001<br>RAW MATERIAL<br>原材料<br>3203000121<br>色母: RAL9001PA4T<br>参考配比: 2% | <b>CODING C</b><br>C 扣<br>BLUE, RAL5005<br>蓝色, 色码RAL5005<br>RAW MATERIAL<br>原材料<br>3203000121<br>色母: RAL5005PA4T<br>参考配比: 4% | <b>CODING D</b><br>D 扣<br>BORDEAUX, RAL4004<br>酒红色, 色码RAL4004<br>RAW MATERIAL<br>原材料<br>3203000121<br>色母: RAL4004PA4T<br>参考配比: 4% | <b>CODING E</b><br>E 扣<br>GREEN, RAL6002<br>绿色, 色码RAL6002<br>RAW MATERIAL<br>原材料<br>3203000121<br>色母: RAL6002PA4T<br>参考配比: 4%          | <b>CODING F</b><br>F 扣<br>BROWN, RAL8011<br>棕色, 色码RAL8011<br>RAW MATERIAL<br>原材料<br>3203000121<br>色母: RAL8011PA4T<br>参考配比: 4%           | <b>CODING Z</b><br>Z 扣<br>WATER BLUE,<br>RAL5021<br>水蓝色, 色码RAL5021<br>RAW MATERIAL<br>原材料<br>3203000121<br>色母: RAL5021PA4T<br>参考配比: 4% |
|   |    |   |    |   |    |   |
| <b>CODING G</b><br>G 扣<br>GREY, RAL7031<br>灰色, 色码RAL7031<br>RAW MATERIAL<br>原材料: 3203000121<br>色母: RAL7031PA4T<br>参考配比: 4% | <b>CODING H</b><br>H 扣<br>VIOLET, RAL4003<br>紫色, 色码RAL4003<br>RAW MATERIAL<br>原材料: 3203000121<br>色母: RAL4003PA4T<br>参考配比: 4%  | <b>CODING J</b><br>J 扣<br>BEIGE, RAL1001<br>米黄色, 色码RAL1001<br>RAW MATERIAL<br>原材料: 3203000121<br>色母: RAL1001PA4T<br>参考配比: 4% | <b>CODING K</b><br>K 扣<br>CURRY, RAL1027<br>咖喱色, 色码RAL1027<br>RAW MATERIAL<br>原材料: 3203000121<br>色母: RAL1027PA4T<br>参考配比: 3%      | <b>CODING L</b><br>L 扣<br>YELLOW GREEN,<br>RAL6018<br>黄绿色, 色码RAL6018<br>RAW MATERIAL<br>原材料: 3203000121<br>色母: RAL6018PA4T<br>参考配比: 4% | <b>CODING M</b><br>M 扣<br>PASTEL ORANGE,<br>RAL2003<br>腊橙色, 色码RAL2003<br>RAW MATERIAL<br>原材料: 3203000121<br>色母: RAL2003PA4T<br>参考配比: 4% | <b>CODING O</b><br>O 扣<br>LIGHT GREEN,<br>RAL6027<br>品绿色, 色码RAL6027<br>RAW MATERIAL<br>原材料: 3203000121<br>色母: RAL6027PA4T<br>参考配比: 4%  |



|  |   |                         |   |
|--|---|-------------------------|---|
| UNLESS OTHERWISE SPECIFIED<br><b>TOLERANCES</b><br>U.S. METRIC<br>X. +/- 0.50<br>.XX +/- 0.25<br>FRACTIONS +/-<br>ANGLES +/- 5°<br>FOR MATERIALS AND FINISHES<br>SEE NOTES<br>REMOVE SHARP EDGES<br>DIMENSIONS<br>U.S. INCHES<br>METRIC MM | <b>APPROVAL</b><br>DRAWN Harvey Yan<br>CHECKED<br>CHECKED   | <b>DATE</b><br>04/05'17 | <b>Amphenol</b><br>Amphenol East Asia Limited<br>TITLE<br>CUSTOMER DRAWING FOR<br>HSD4+4 R/A PLUG<br>SIZE DRAWING NO. REV.<br>A3 HSDNXRPPCB20X 3<br>SCALE NONE SHEET 2 OF 2 |
|  | <b>DRAWING FILE :</b><br>DRAWING\HSD\HSD060RPPCB20X.dwg   |                         |   |
|  | <b>ANGLE OF PROJECTION</b><br> |                         |   |
|  | SHEET 2 OF 2  |                         |   |