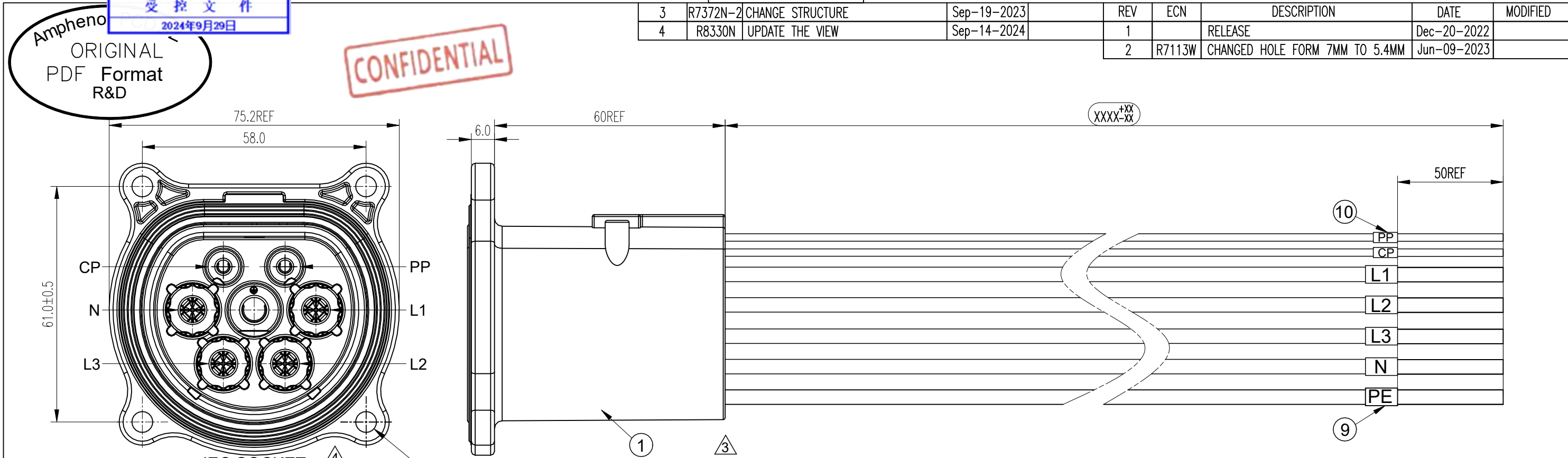


|   |          |                  |             |     |        |                                |             |          |
|---|----------|------------------|-------------|-----|--------|--------------------------------|-------------|----------|
| 3 | R7372N-2 | CHANGE STRUCTURE | Sep-19-2023 | REV | ECN    | DESCRIPTION                    | DATE        | MODIFIED |
| 4 | R8330N   | UPDATE THE VIEW  | Sep-14-2024 | 1   |        | RELEASE                        | Dec-20-2022 |          |
|   |          |                  |             | 2   | R7113W | CHANGED HOLE FORM 7MM TO 5.4MM | Jun-09-2023 |          |



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| IEC SOCKET CABLE CONNECT METHOD |   |    |
|---------------------------------|---|----|
| 6mm <sup>2</sup> (Brown)        | ② | L1 |
| 6mm <sup>2</sup> (Black)        | ③ | L2 |
| 6mm <sup>2</sup> (Gray)         | ④ | L3 |
| 6mm <sup>2</sup> (Blue)         | ⑤ | N  |
| 6mm <sup>2</sup> (Ye/Gn)        | ⑥ | PE |
| 0.5mm <sup>2</sup> (Red)        | ⑦ | PP |
| 0.5mm <sup>2</sup> (Black)      | ⑧ | CP |

- \*Notes:
- Cable assembly data:
    - ✦ Rated voltage: 480V AC (L1 & L2 & L3 & N & PE); 30V DC (CP & PP);
    - ✦ Rated current: 32A (L1 & L2 & L3 & N); 2A (CP & PP);
    - ✦ IP-Class: IP2XB, IP55 (Mated), IPXXD (L1 & L2 & L3 & N)
    - ✦ Insulation resistance: 100MΩ Min / 500V DC
    - ✦ Withstand voltage: 2000V AC / L1 & L2 & L3 & N & PE 500V AC / PP & CP
  - Durability: >10000 cycles; Insertion&Extraction force: <100N
  - ✦ RoHS compliance Ambient temperature: -30°C to +50°C
  - Reference standard: IEC 62196-2; CE, UKCA Marking
  - Installed towards down, install standard reference: C-P02B000235
  - The cable should be fixed at 100mm max from the rear of connector
  - Cable minimum bending radius: ≥5\*OD

4xØ5.4±0.1  
APPLICABLE M5 SCREWS AND WASHERS  
RECOMMENDED TORQUE:2.5N.m Max

HVCOSFS706L XXXX

| LENGTH      | TOLERANCE  |
|-------------|------------|
| 0~1000mm    | +25<br>-10 |
| 1001~5000mm | +40<br>-10 |
| >5000mm     | +50<br>-20 |

| ⑩    | C210006837 | H.S.T: Ø3.2 WHITE NOT MARKING                              | 0.05 | m    |
|------|------------|------------------------------------------------------------|------|------|
| ⑨    | P05B000006 | H.S.T: Ø6.0 WHITE NOT MARKING                              | 0.10 | m    |
| ⑧    | C210030045 | 0.5mm <sup>2</sup> UNSHIELDING BLACK OD=1.6±0.1            | AR   | m    |
| ⑦    | C210030046 | 0.5mm <sup>2</sup> UNSHIELDING RED OD=1.6±0.1              | AR   | m    |
| ⑥    | C210030042 | 6mm <sup>2</sup> UNSHIELDING YELLOW/GREEN,XLPE OD=5.1±0.2  | AR   | m    |
| ⑤    | P01BC00200 | 6mm <sup>2</sup> TINNED UNSHIELDING BLUE, XLPE OD=5.1±0.2  | AR   | m    |
| ④    | P01BC00201 | 6mm <sup>2</sup> TINNED UNSHIELDING GRAY, XLPE OD=5.1±0.2  | AR   | m    |
| ③    | P01BC00202 | 6mm <sup>2</sup> TINNED UNSHIELDING BLACK, XLPE OD=5.1±0.2 | AR   | m    |
| ②    | P01BC00199 | 6mm <sup>2</sup> TINNED UNSHIELDING BROWN,XLPE OD=5.1±0.2  | AR   | m    |
| ①    | P02B000235 | IEC SOCKET-OUTLET OF SHUTTER: P02B000235 BLACK             | 1    | EA   |
| ITEM | P/N        | DESCRIPTION                                                | QTY  | UNIT |

|                                      |                                                                                                                                                                                                            |            |                         |                   |                                                       |     |              |  |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------|-------------------|-------------------------------------------------------|-----|--------------|--|
| DIMENSIONS                           | TOLERANCES                                                                                                                                                                                                 | PROJECTION | Amphenol PCD Shenzhen   |                   | TITLE                                                 |     |              |  |
| ANSI Y14.5M<br>UNITS: MM<br>CAD FILE | .X ± 0.5<br>.XX ± 0.05<br>ANGLES ± 2.0°                                                                                                                                                                    |            | ENGR<br><br>Sep-14-2024 |                   | IEC SOCKET OUTLET OF SHUTTER<br>32A 3P CABLE ASSEMBLY |     |              |  |
| ORIGINAL                             | THIS DOCUMENT CONTAINS<br>PROPRIETARY INFORMATION WHICH<br>IS THE CONFIDENTIAL PROPERTY<br>OF Amphenol PCD Shenzhen Co. Ltd<br>Amphenol PCD Shenzhen Co. Ltd RESERVES<br>THE RIGHT TO CLARIFY THIS DRAWING | CHKD       | SIZE                    | DWG NO.           |                                                       | REV |              |  |
|                                      |                                                                                                                                                                                                            | APPD       | A3                      | C-HVCOSFS706LXXXX |                                                       | 4   |              |  |
|                                      |                                                                                                                                                                                                            |            |                         | SCALE             | NA                                                    |     | SHEET 1 OF 1 |  |