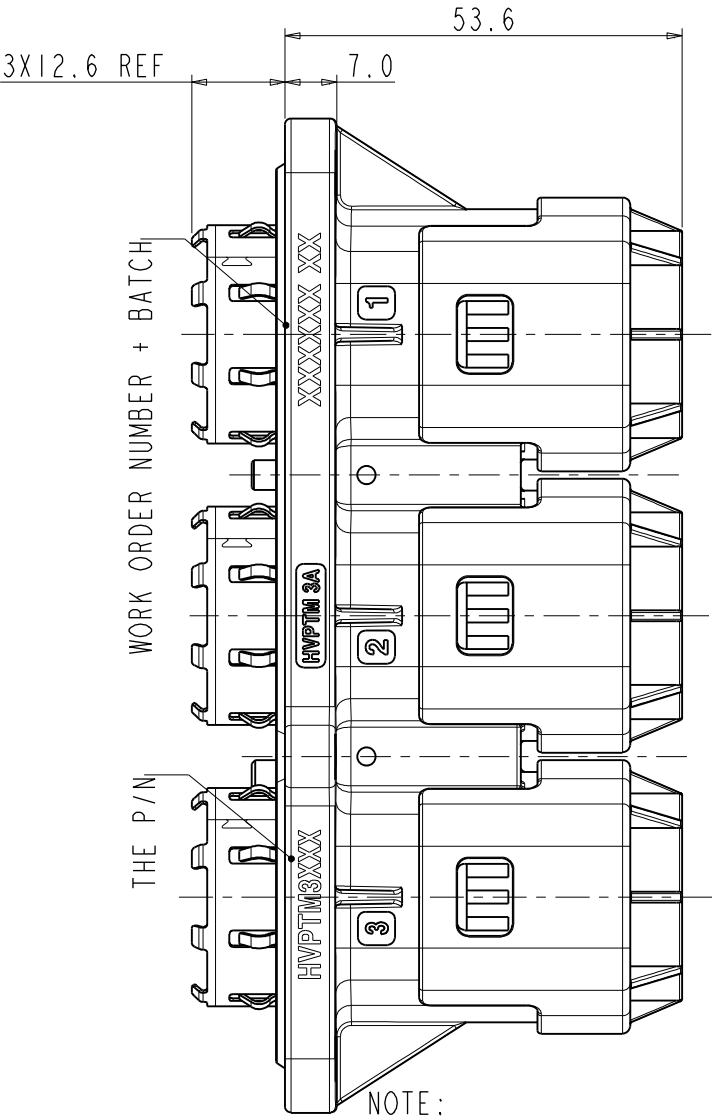
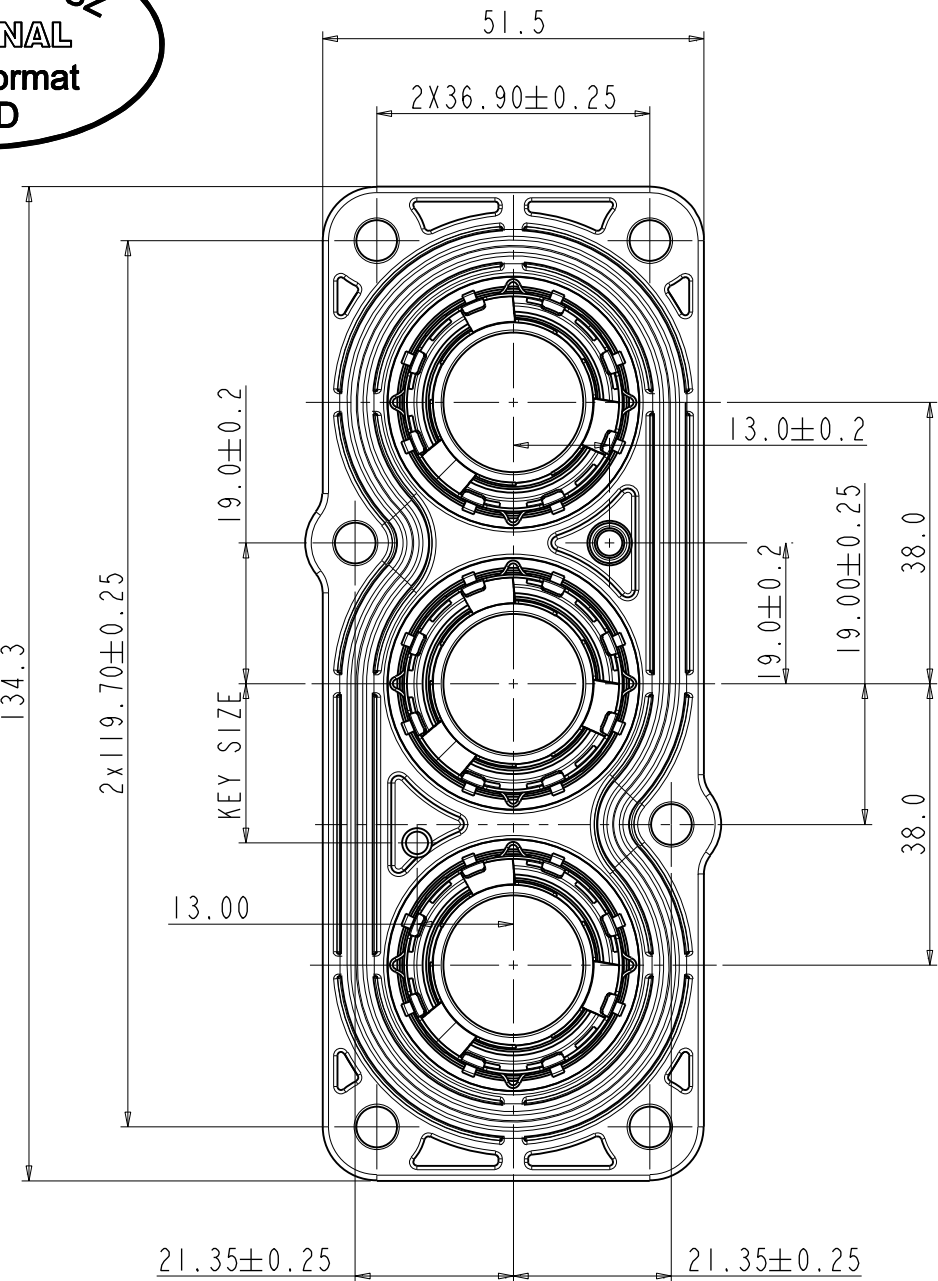
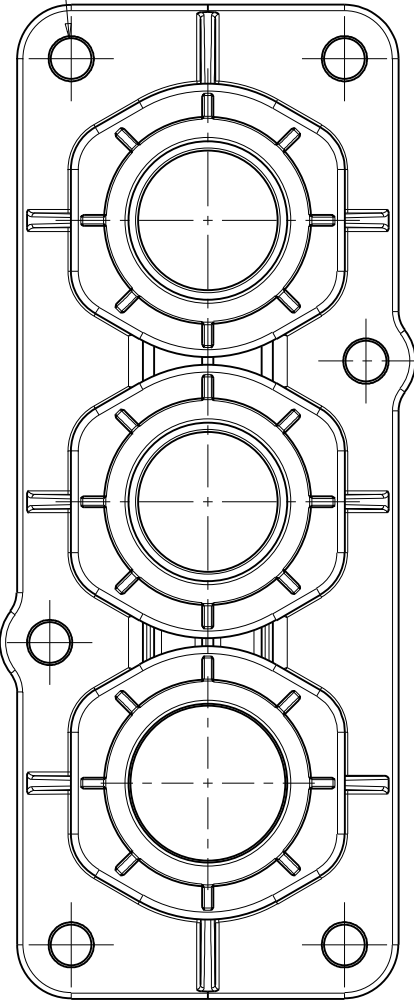


Amphenol PCD SZ  
ORIGINAL  
PDF Format  
R&D

| REV | ECN    | DESCRIPTION                     | DATE        | MODIFIED |
|-----|--------|---------------------------------|-------------|----------|
| 1   |        | PRE-RELEASE                     | Aug-27-2021 |          |
| 2   | R6161N | ADDED 70&150 MM^2 SPECIFICATION | Apr-28-2022 |          |
| 3   | C6161N | CORRECT THE NOTE                | Sep-24-2022 |          |



6XØ5.5  
M5 SCREW APPLICABLE



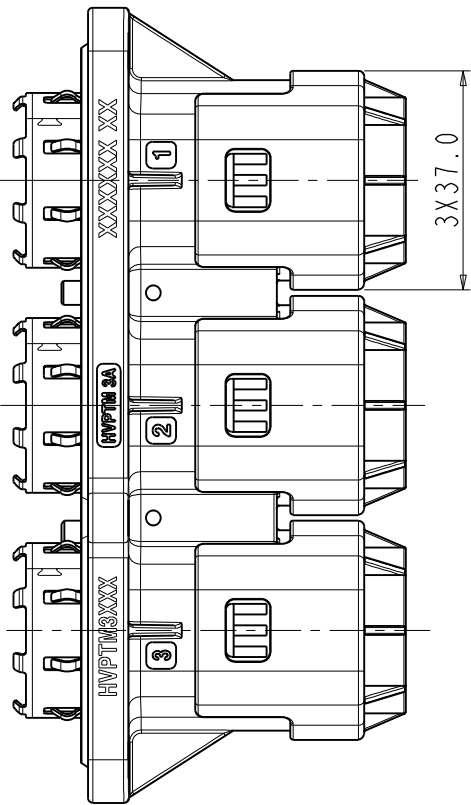
|      |             |          |
|------|-------------|----------|
| 2    | CODING B    | 16.5±0.2 |
| 1    | CODING A    | 21.5±0.2 |
| ITEM | DESCRIPTION | KEY SIZE |

NOTE:  
1.CONNECTOR DON'T INCLUDE TERMINAL,NEED TO BUY SEPARATE:  
THE LUG FOR 120MM^2 CABLE:POIBS00173,USE LEVEL: 3PCS  
THE LUG FOR 95MM^2 CABLE:POIBS00172,USE LEVEL: 3PCS  
THE LUG FOR 70MM^2 CABLE:POIBS00254,USE LEVEL: 3PCS  
THE LUG FOR 150MM^2 CABLE:POIBS00223,USE LEVEL: 3PCS  
2.RECOMMENDED FLANGE TIGHTENING TORQUE:5.9N.m  
3.HOW TO ORDER:  
HVPTM 3 X XX  
A: CODING A 01: FOR 95mm^2 SHIELDING CABLE;OD=20.9+0/-0.8mm  
B: CODING B 02: FOR 120mm^2 SHIELDING CABLE;OD=23.0+0/-0.8mm  
03: FOR 70mm^2 SHIELDING CABLE;OD=19.5+0.5/0mm  
04: FOR150mm^2 SHIELDING CABLE;OD=25±0.5mm

| TECHNICAL DATA:                               |             | FEATURE |
|-----------------------------------------------|-------------|---------|
| OPERATING TEMPERATURE                         | -40-125°C   |         |
| SHIELDING                                     | YES         |         |
| WATERPROOF                                    | IP67&IP6K9K | +       |
| RoHS&REACH                                    | YES         | +       |
| CORROSION-PROOF GRADE<br>(NEUTRAL SALT SPRAY) | 500 HOURS   |         |

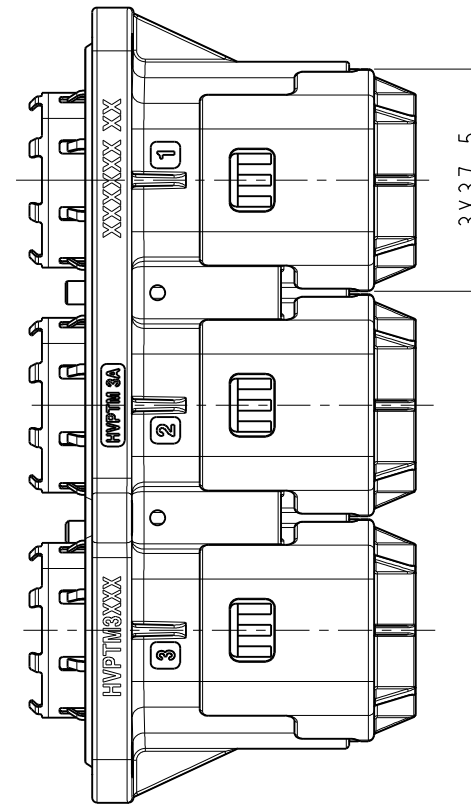
| DIMENSIONS  | TOLERANCES                                                                                                                                                                                                 | PROJECTION | Amphenol PCD Shenzhen               |            |                     |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------|------------|---------------------|
| ANSI Y14.5M | .X ±0.5                                                                                                                                                                                                    |            | ENGR                                | May-20-21  |                     |
| UNITS: MM   | .XX ±0.05                                                                                                                                                                                                  |            | CHKD                                | SIZE A3    | DWG NO. C-HVPTM3XXX |
| Pro/E FILE  | ANGLES ±2°                                                                                                                                                                                                 |            | APPD                                | REV 3      |                     |
| 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 |            | TITLE<br>HVPTM 3 POS FOR 70~150MM^2 |            |                     |
|             |                                                                                                                                                                                                            |            | CODE: 58982                         | SCALE: 1:1 | SHEET 1 OF 3        |

MOUNTING PANEL RECOMMENDATION



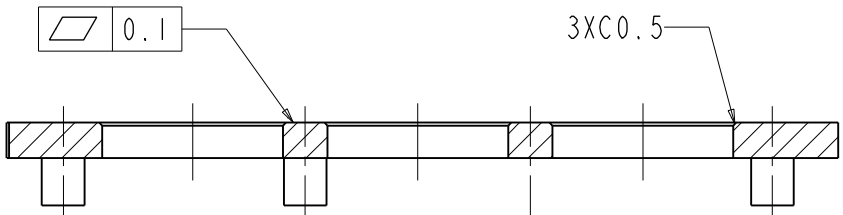
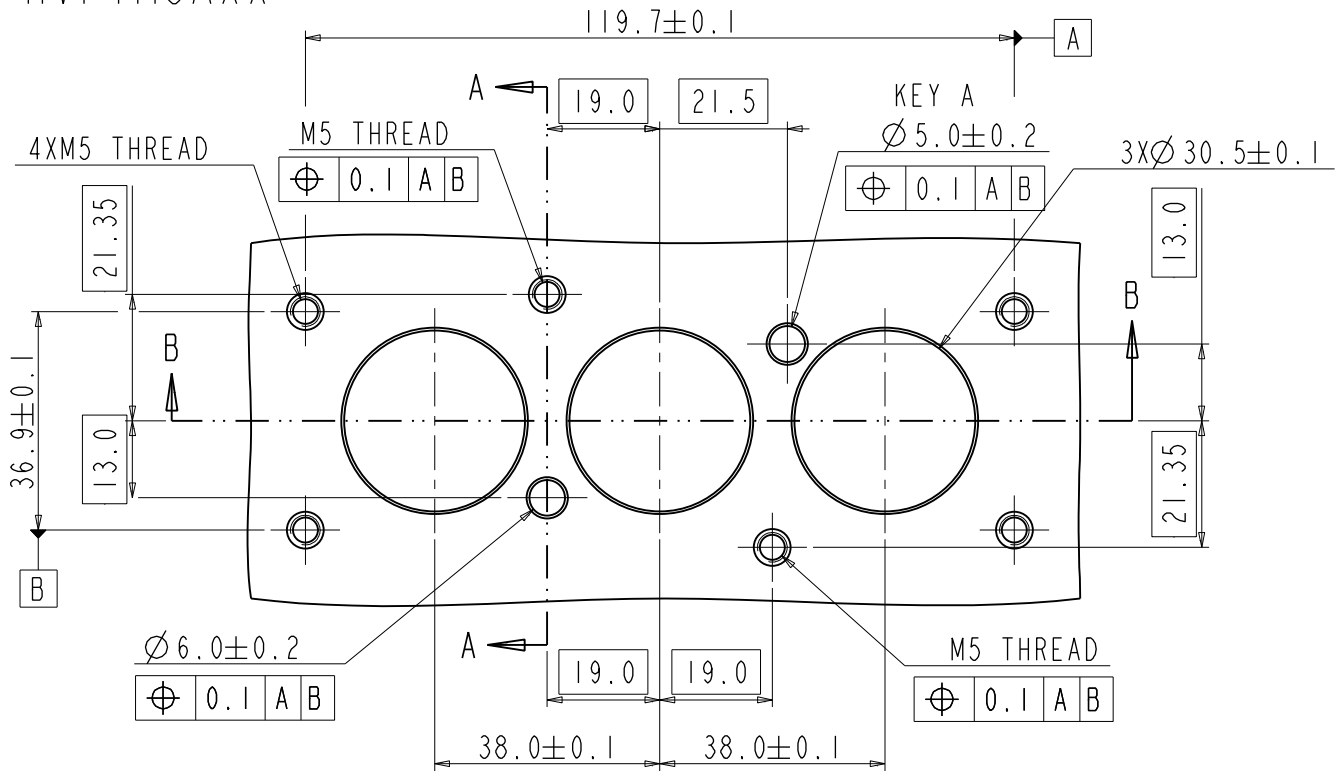
P/N: HVPTM3X01  
HVPTM3X02  
HVPTM3X03

C-HVPTM3XXX

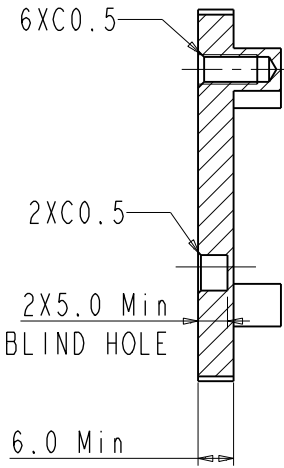


P/N: HVPTM3X04

HVPTM3AXX

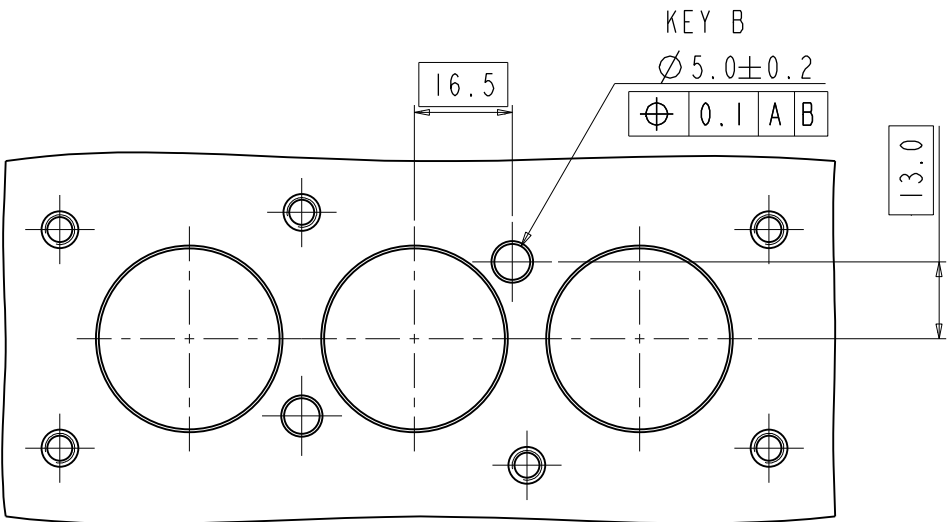


SECTION B-B



SECTION A-A

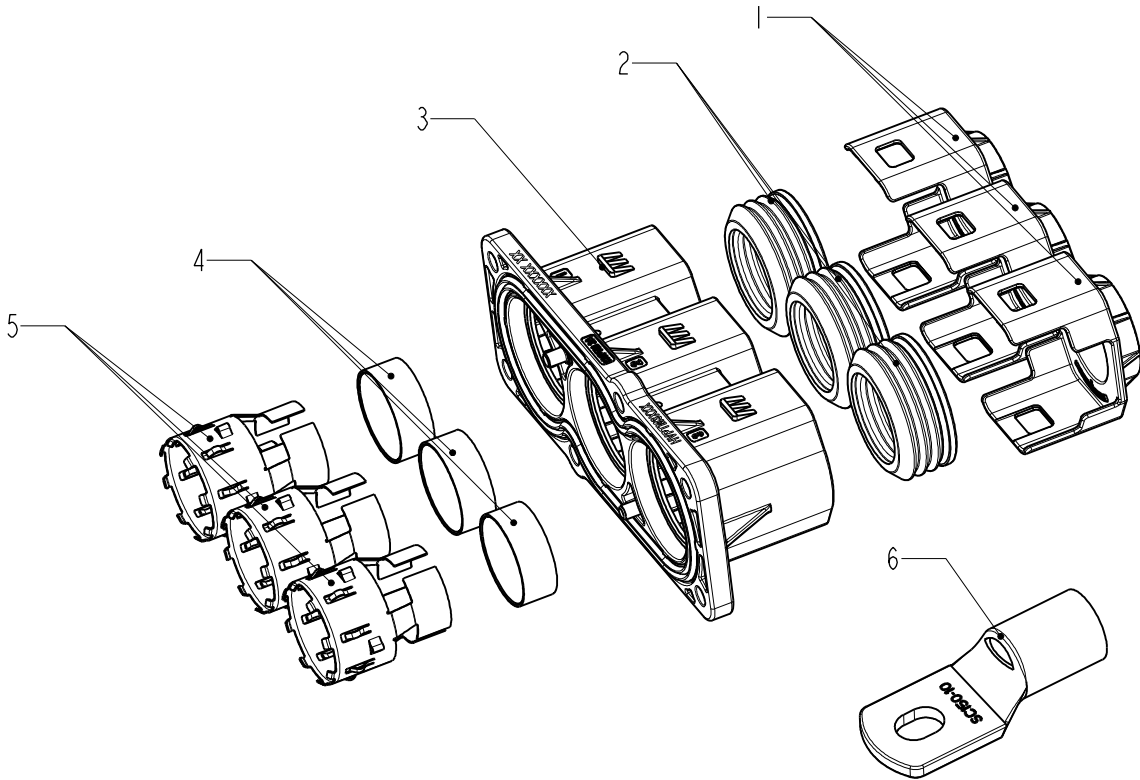
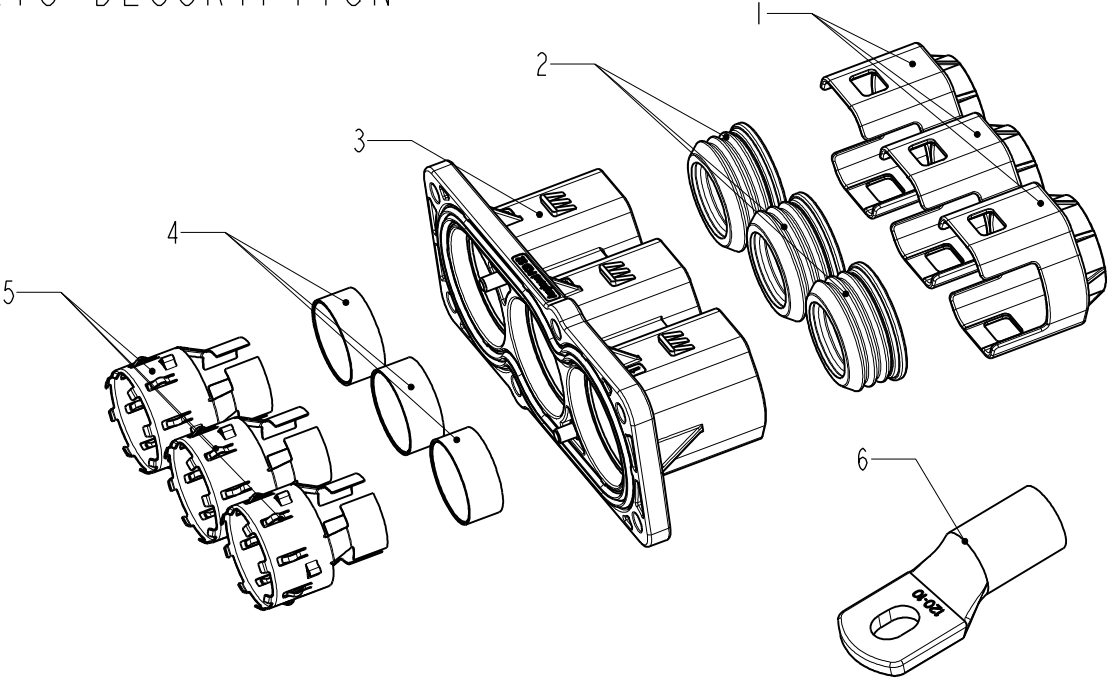
HVPTM3BXX



| SIZE        | DWG NO.     | REV          |
|-------------|-------------|--------------|
| A3          | C-HVPTM3XXX | 3            |
| CODE: 58982 | SCALE: 1:1  | SHEET 2 OF 3 |

C-HVPTM3XXX

PARTS DESCRIPTION



|                                     |      |              |                                                   |     |
|-------------------------------------|------|--------------|---------------------------------------------------|-----|
| HVPTM3X01<br>HVPTM3X02<br>HVPTM3X03 | 6    | P0IBS00173   | TERMINAL FOR 120MM^2 CABLE<br>(NEED BUY SEPARATE) | 3   |
|                                     |      | P0IBS00172   | TERMINAL FOR 95MM^2 CABLE<br>(NEED BUY SEPARATE)  | 3   |
|                                     |      | P0IBS00254   | TERMINAL FOR 70MM^2 CABLE<br>(NEED BUY SEPARATE)  | 3   |
|                                     | 5    | P0IBS0015901 | SHIELDING FOR 120mm^2 CABLE                       | 3   |
|                                     |      | P0IBS0015902 | SHIELDING FOR 95mm^2 CABLE                        | 3   |
|                                     |      | P0IBS0015903 | SHIELDING FOR 70mm^2 CABLE                        | 3   |
|                                     | 4    | P0IBS00160   | SHIELDING RING FOR 120MM^2 CABLE                  | 3   |
|                                     |      | P0IBS00161   | SHIELDING RING FOR 95MM^2 CABLE                   | 3   |
|                                     |      | P0IBM01100   | SHIELDING RING FOR 70MM^2 CABLE                   | 3   |
|                                     | 3    | P02B00011101 | HVPTM BODY KEY A                                  | 1   |
|                                     |      | P02B00011102 | HVPTM BODY KEY B                                  | 1   |
|                                     | 2    | P01BR00306   | CABLE SEAL FOR 120mm^2 CABLE                      | 3   |
|                                     |      | P01BR00307   | CABLE SEAL FOR 95mm^2 CABLE                       | 3   |
|                                     |      | P01BR00423   | CABLE SEAL FOR 70mm^2 CABLE                       | 3   |
|                                     | 1    | P01BP0033301 | BACK CAP FOR 120mm^2 CABLE                        | 3   |
|                                     |      | P01BP0033302 | BACK CAP FOR 95mm^2 CABLE                         | 3   |
|                                     |      | P01BP0033303 | BACK CAP FOR 70mm^2 CABLE                         | 3   |
|                                     | ITEM | P/N          | DESCRIPTION                                       | QTY |

|           |      |              |                                                   |     |
|-----------|------|--------------|---------------------------------------------------|-----|
| HVPTM3X04 | 6    | P0IBS00223   | TERMINAL FOR 150MM^2 CABLE<br>(NEED BUY SEPARATE) | 3   |
|           | 5    | P0IBS0015904 | SHIELDING FOR 150mm^2 CABLE                       | 3   |
|           | 4    | P0IBM01101   | SHIELDING RING FOR 150MM^2 CABLE                  | 3   |
|           | 3    | P02B00020701 | HVPTM BODY KEY A                                  | 1   |
|           |      | P02B00020702 | HVPTM BODY KEY B                                  | 1   |
|           | 2    | P01BR00424   | CABLE SEAL FOR 150mm^2 CABLE                      | 3   |
|           | 1    | P01BP0055001 | BACK CAP FOR 150mm^2 CABLE                        | 3   |
|           | ITEM | P/N          | DESCRIPTION                                       | QTY |