

## PE Test

### EQUIPMENT :

- |                       |  |
|-----------------------|--|
| 1. DC Source          | : Chroma 62100H-40                     |
| 2. Digital Multimeter | : Keysight 34461A                      |
| 3. Voltage probe      | : Burster Kelvin Probes Type 2387-V001 |

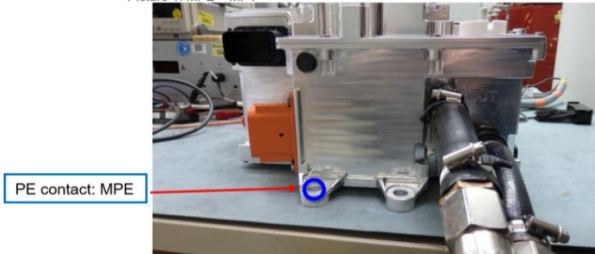
### TEST SPEC :

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Customer Spec.   | <input checked="" type="checkbox"/> DES Soest | <input type="checkbox"/> QE Test Procedure |
| <input type="checkbox"/> Other Standard : <u>BMW_CCU_22KW_Petest_02_ECD180200xx</u> |   |  |

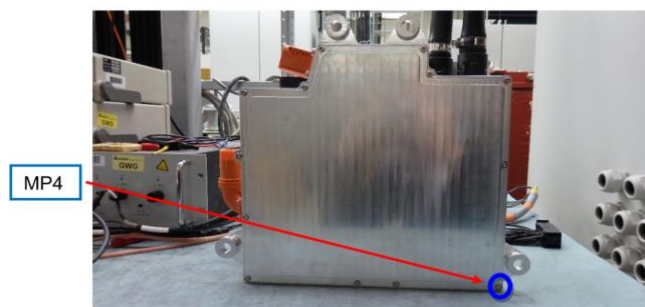
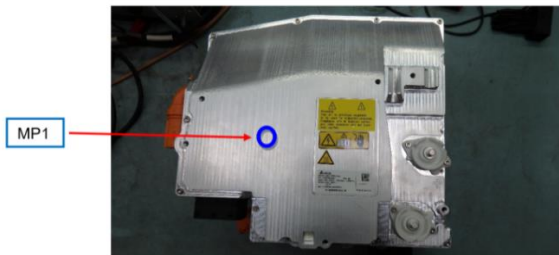
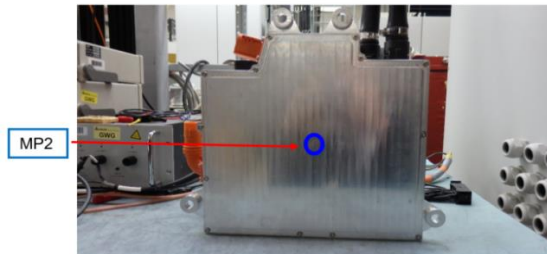
### TEST PARAMETER :

- |                     |                             |
|---------------------|-----------------------------|
| Ambient Temperature | : Room Temperature 23°C ±5K |
| Humidity            | : uncontrolled              |
| Current             | : 25A + 0,5A                |
| U <sub>max</sub>    | : ≤ 5V                      |

Picture 1: MPE – MP1



Picture 2: MP2



### ACCEPTANCE CRITERIA :

The maximum allowed resistance of a measurement is 10mOhm at the point between MPE to MP