

PE Test

EQUIPMENT :

- | | |
|-----------------------|--|
| 1. DC Source | : Chroma 62100H-40 [5V/25A] |
| 2. Digital Multimeter | : Keysight 34461A |
| 3. Voltage probe | : Burster Kelvin Probes Type 2387-V001 |

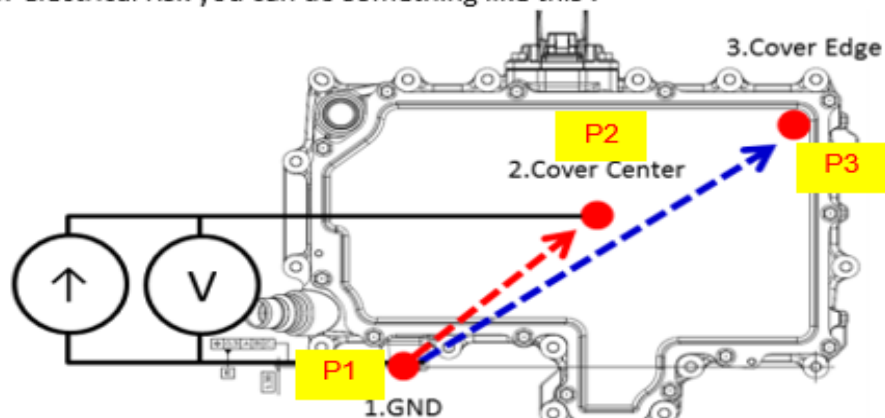
TEST SPEC :

- | | | |
|--|------------------------------------|--|
| <input checked="" type="checkbox"/> Customer Spec. | <input type="checkbox"/> DES Soest | <input type="checkbox"/> QE Test Procedure |
| <input type="checkbox"/> Other Standard : <u>20200605_Renault-5DH-DCDC_ENV_TS_Safety_Rev04.pdf</u> | | |

TEST PARAMETER :

- | | |
|---------------------|-----------------------------|
| Ambient Temperature | : Room Temperature 23°C ±5K |
| Humidity | : uncontrolled |
| Current | : 1A |
| U_{max} | : 20mV |

For electrical risk you can do something like this :



ACCEPTANCE CRITERIA :

The measured voltage in both case must be less than 20mV ($20mV/1A = 20m\Omega$)

GND (P1) to Cover Center (P2)

GND (P1) to Cover Edge (P3)