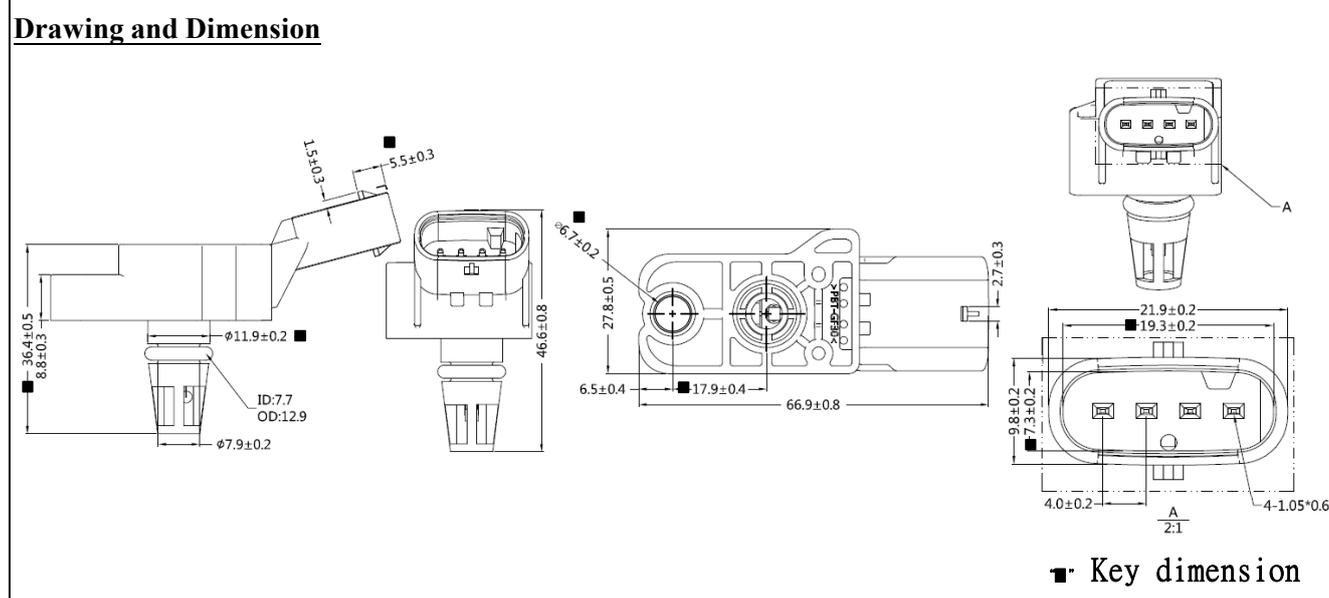
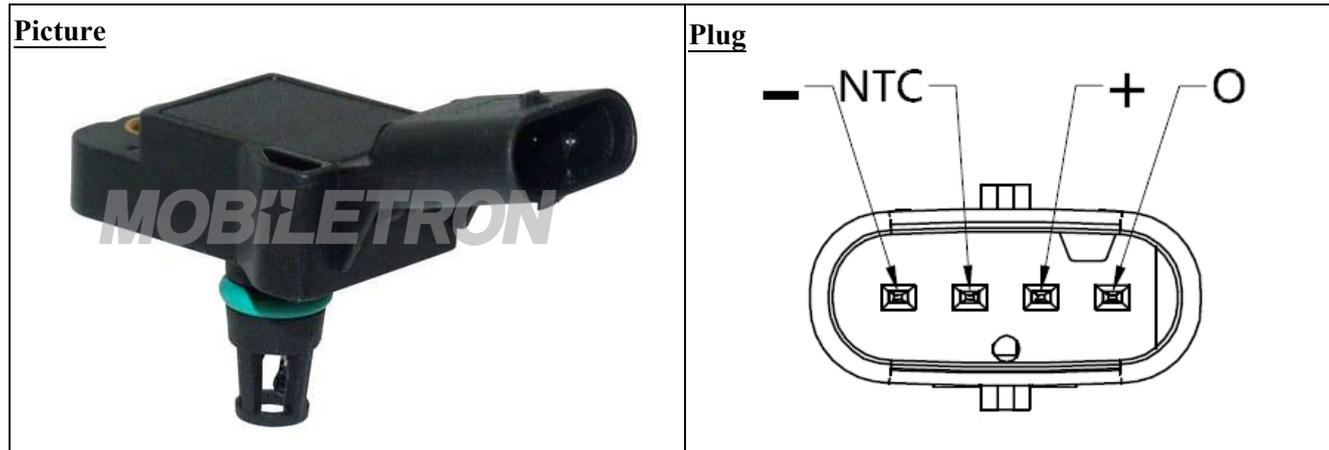


|             |  |           |                   |
|-------------|--|-----------|-------------------|
| <b>NAME</b> | <b>MS-E103 Electrical Specifications</b> | <b>NO</b> | <b>MS-1-4-151</b> |
|-------------|--|-----------|-------------------|



| PARAMETERS AND CONDITIONS  | SYMBOLS         | MIN. | TYP. | MAX. | UNITS |
|--|-----------------|------|------|------|-------|
| Storage Temperature Range  | T <sub>ST</sub> | -40  |      | 150  | °C    |
| Operating Temperature Range  | T <sub>OP</sub> | -40  |      | 125  | °C    |
| Pressure Range   | Pr              | 18   |      | 119  | KPa   |
| Supply Voltage   | V <sub>Sv</sub> | 4.8  |      | 5.2  | V     |
| Supply Current   | I <sub>sc</sub> |      | 10   |      | mA    |
| Accuracy @ 25°C  | %FS             | -3   |      | +3   | %FS   |
| The MAP voltage output at 25°C<br>(@ Supply Voltage (Vs) = 5.0Vdc, rated pressure = 101.3KPa ) | V               | 1.43 | 1.73 | 2.03 | V     |

|                       |                         |         |            |        |          |                    |
|-----------------------|-------------------------|---------|------------|--------|----------|--------------------|
| 2021.10.14            |                         | 1       | 王亮         | 汪芳波    | 黄鹏       | <b>MOBILETRON</b>  |
| Date of first edition | Date of revised edition | edition | Manuscript | Review | Approval | <b>Oct.19.2021</b> |
|                       |                         |         |            |        |          | <b>Release</b>     |