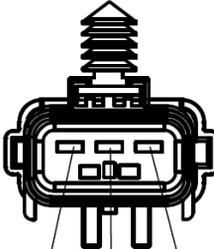
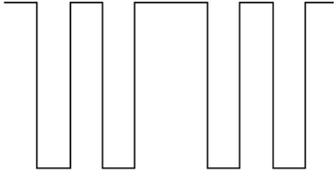
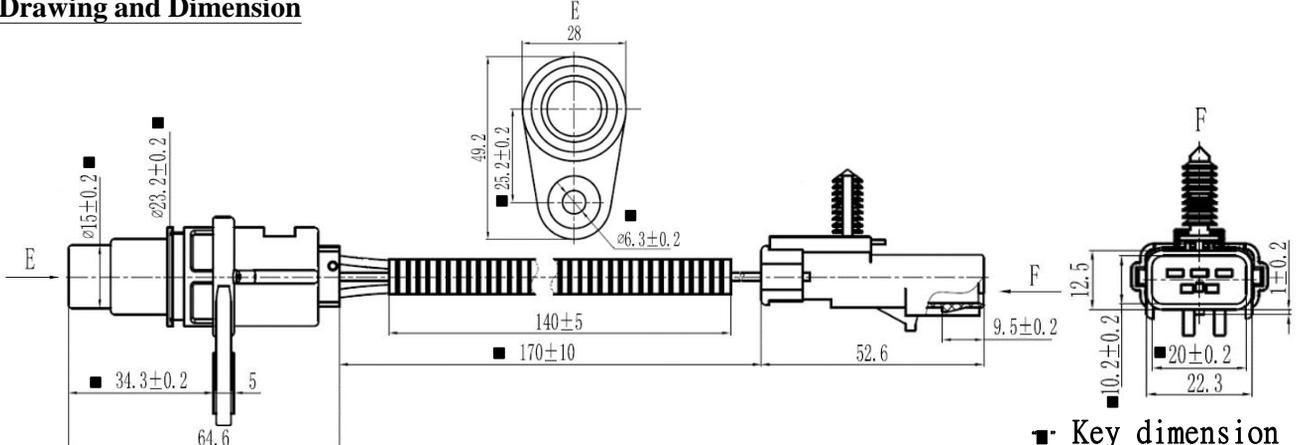


| | | | |
|-------------|--------------------------------|-----------|-------------------|
| NAME | CS-U161 Camshaft Sensor | NO | CS-2-3-987 |
|-------------|--------------------------------|-----------|-------------------|

| | | |
|--|--|--|
| Picture  | Plug  <p>SIGNAL GND VCC</p> | Waveform  <p>(Open Collector for 1KΩ)</p> |
|--|--|--|

Drawing and Dimension


■ Key dimension

TYPE : ■ Hall □ Magnetic

| Parameter | SYMBOLS | MIN. | TYP. | MAX. | UNITS |
|--|-----------------|------|------|------|-------|
| Resistance (25°C) | R | N/A | N/A | N/A | ohm |
| Inductance@1KHz | L | N/A | N/A | N/A | mH |
| Working Voltage | V | 5 | 12 | 18 | V |
| Detecting range | Air Gap | 0.5 | 1.0 | 1.5 | mm |
| Magnetic field direction SFS=South facing sensor NFS=North facing sensor | | N/A | NFS | N/A | |
| Duty ratio(t1/T) | Duty | 90 | 96.8 | 99 | % |
| Temperature | To | -30 | 25 | 125 | °C |
| Reference Teeth | | N/A | 1 | N/A | |
| Output Voltage Low (600RPM,12V,1mm) | V _{OL} | -1 | 0 | 1 | V |
| Output Voltage High (600RPM,12V,1mm) | V _{OH} | 11 | 12 | 13 | V |

| | | | | | | |
|-----------------------|-------------------------|---------|------------|--------|----------|-------------------|
| 2021.06.18 | | 1 | 王亮 | 呂漢榮 | 黃鵬 | MOBILETRON |
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| | | | | | | Release |