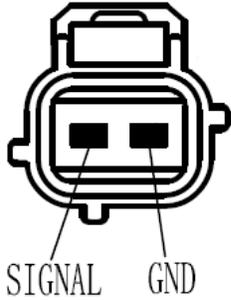
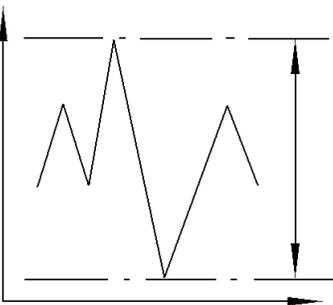
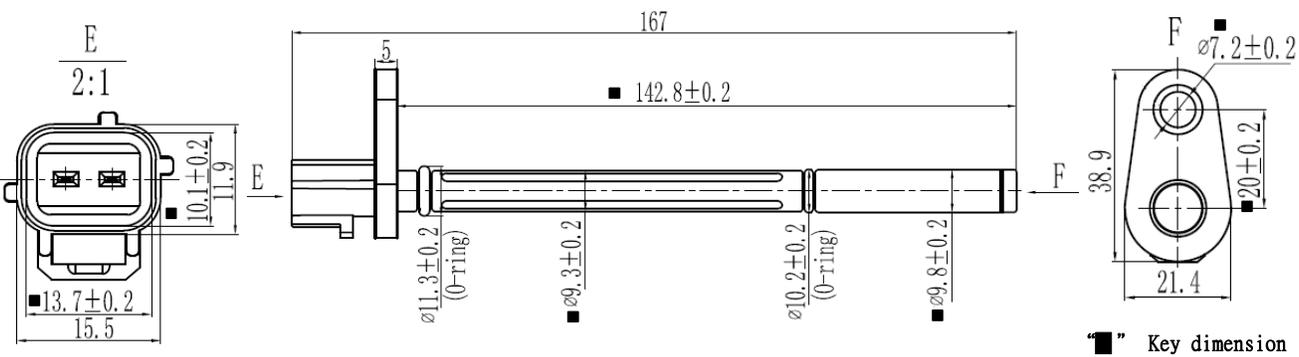


| | | | |
|-------------|--------------------------------|-----------|-------------------|
| NAME | CS-U100 Camshaft Sensor | NO | CS-1-3-888 |
|-------------|--------------------------------|-----------|-------------------|

| | | |
|---|---|--|
| Picture  | Plug  | Waveform  |
|---|---|--|

Drawing and Dimension



■ " Key dimension

TYPE : Hall Magnetic

| Parameter | SYMBOLS | MIN. | TYP. | MAX. | UNITS |
|--|---------|------|------|------|-------|
| Resistance (25°C) | R | 765 | 910 | 1035 | ohm |
| Inductance@1KHz | L | 380 | 465 | 520 | mH |
| Working Voltage | V | N/A | N/A | N/A | V |
| Detecting range | Air Gap | 0.5 | 1 | 1.5 | mm |
| Magnetic field direction SFS=South facing sensor NFS=North facing sensor | | N/A | NFS | N/A | |
| Duty ratio(t1/T) | Duty | N/A | N/A | N/A | % |
| Temperature | To | -30 | 25 | 125 | °C |
| Reference Teeth | | N/A | 24-2 | N/A | |
| Output Voltage (600RPM,1mm) | Vp-p | 7.6 | 9.6 | 11.5 | V |

| | | | | | | |
|-----------------------|-------------------------|---------|------------|--------|----------|-------------|
| 2020.11.05 | | 1 | 魯企航 | 呂漢榮 | 黃鵬 | MOBILETRON |
| Date of first edition | Date of revised edition | edition | Manuscript | Review | Approval | Nov.10.2020 |
| | | | | | | Release |