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|-------------|---|-----------|--------------------|
| NAME | AB-US096 Electrical Specifications | NO | AB-2-4-1030 |
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| Picture | Plug | Waveform Out Voltage: $V_{OL} \leq 1V \leq V_{OH}$ |
|--------------------|-----------------|--|

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 | N/A | 1 | N/A | mm |
| Magnetic field direction SFS=South facing sensor NFS=North facing sensor | | NFS | NFS | NFS | |
| Duty ratio(t1/T) | Duty | 45 | 50 | 55 | % |
| Temperature | To | -40 | 25 | 125 | °C |
| Reference Teeth | | N/A | 58 | N/A | |
| Output Voltage Low (600RPM,12V,1mm) | V_{OL} | 0.3 | 0.6 | 0.9 | V |
| Output Voltage High (600RPM,12V,1mm) | V_{OH} | 1.1 | 1.4 | 1.7 | V |

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|-----------------------|-------------------------|---------|------------|--------|----------|-------------|
| 2021.07.22 | | 1 | 汪芳波 | 王亮 | 黄鹏 | MOBILETRON |
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