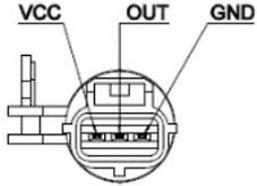
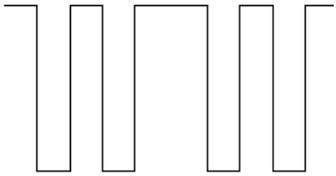
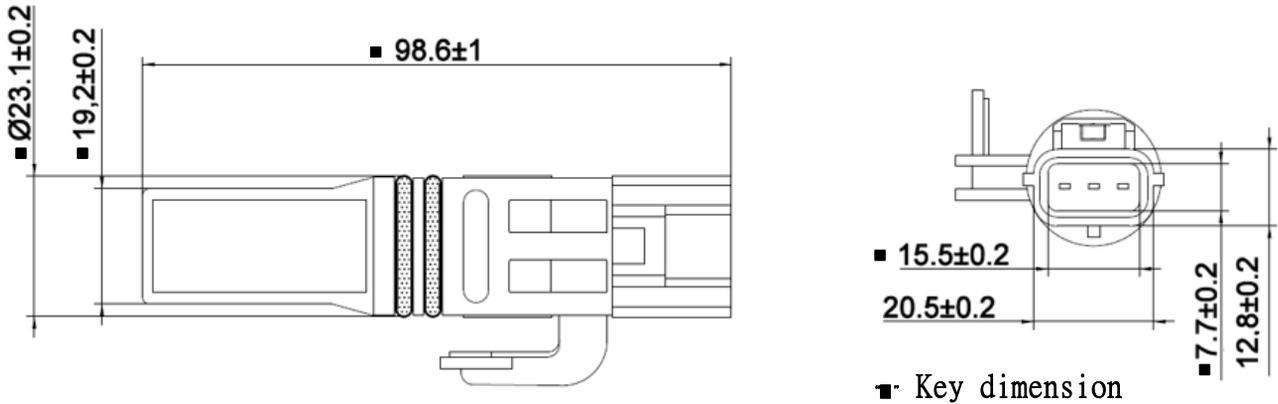


<b>NAME</b>	<b>CS-U072 Crankshaft Sensor</b>	<b>NO</b>	CS-2-A-541
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<b>Picture</b> 	<b>Plug</b> 	<b>Waveform</b>  (Open Collector for 1KΩ)
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**Drawing and Dimension**  


■ 98.6±1  
 ■ Ø23.1±0.2  
 ■ 19.2±0.2  
 ■ 15.5±0.2  
 ■ 20.5±0.2  
 ■ 7.7±0.2  
 ■ 12.8±0.2  
 ■ Key dimension

TYPE : ■Hall □ Magnetic

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Resistance	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	1.5	mm
Magnetic field direction SFS=South facing sensor NFS=North facing sensor		N/A	SFS	N/A	
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 <sub>OL</sub>	-1	0	1	V
Output Voltage High (600RPM,12V,1mm)	V <sub>OH</sub>	7	10	13	V

2018.11.27	2021.09.16	2	汪芳波	王亮	黄鹏	<b>MOBILETRON</b>
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