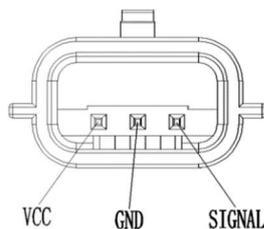


<b>NAME</b>	<b>CS-J177 Camshaft Sensor</b>	<b>NO</b>	<b>CS-2-3-1023</b>
-------------	--------------------------------	-----------	--------------------

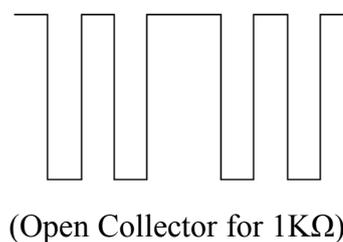
**Picture**



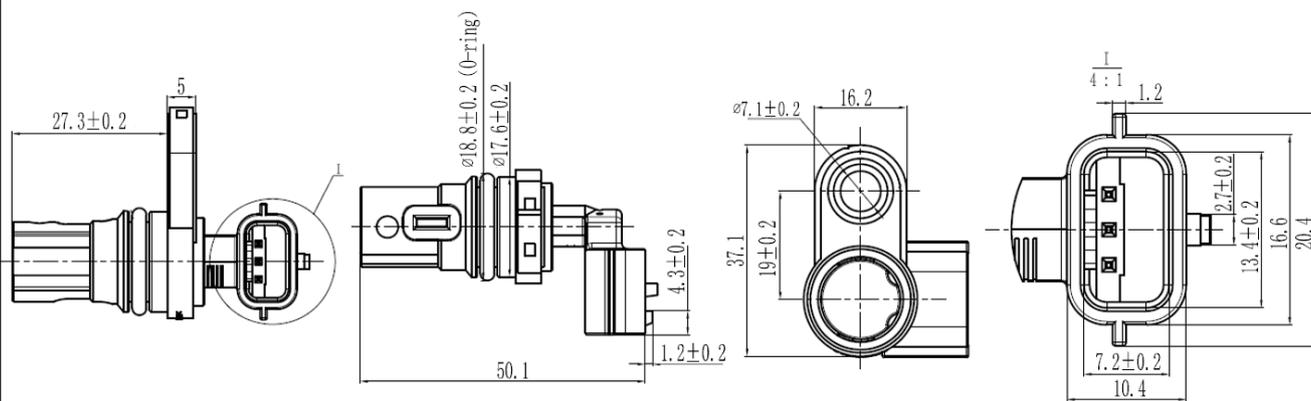
**Plug**



**Waveform**



**Drawing and 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	1.5	mm
Magnetic field direction SFS=South facing sensor NFS=North facing sensor		N/A	SFS	N/A	
Duty ratio(t1/T)	Duty	30	50	70	%
Temperature	To	-40	25	125	°C
Reference Teeth		N/A	24-2	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>	11	12	13	V

2021.12.02		1	汪芳波			<b>MOBILETRON</b>
Date of first edition	Date of revised edition	edition	Manuscript	Review	Approval	<b>Dec.07.2021</b>
						<b>Release</b>