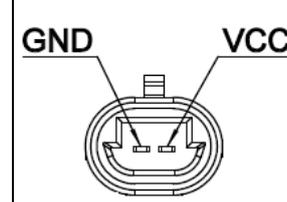
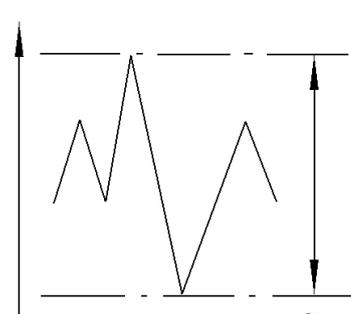
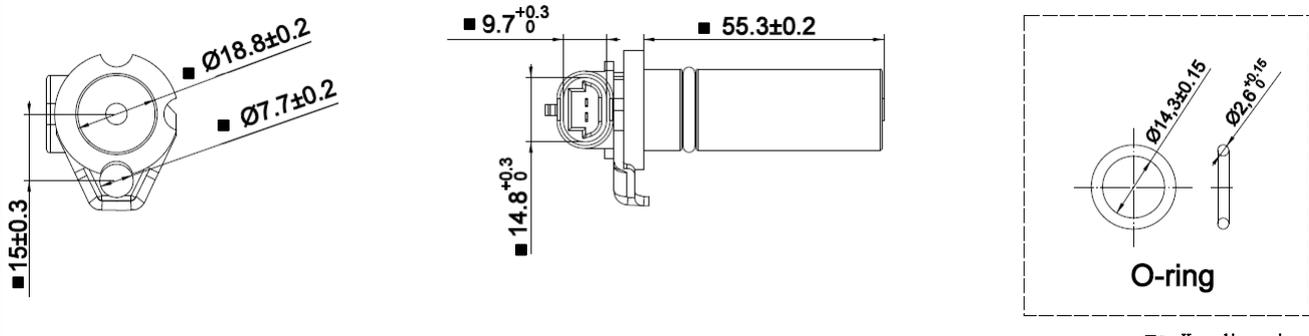


<b>NAME</b>	<b>CS-U165 Crankshaft Sensor</b>	<b>NO</b>	<b>CS-1-A-1013</b>
-------------	----------------------------------	-----------	--------------------

<b>Picture</b> 	<b>Plug</b> 	<b>Waveform</b> 
---	---	--

**Drawing and Dimension**



Key dimension

TYPE : Hall Magnetic

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Resistance (25℃)	R	752	940	1128	ohm
Inductance@1KHz	L	520	650	780	mH
Working Voltage	V	N/A	N/A	N/A	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	N/A	N/A	N/A	%
Temperature	To	-40	25	125	℃
Reference Teeth		N/A	58	N/A	
Output Voltage (600RPM,1mm)	Vp-p	26.24	32.8	39.4	V

2021.09.02		1	汪芳波	王亮	黄鹏	<b>MOBILETRON</b>
Date of first edition	Date of revised edition	edition	Manuscript	Review	Approval	Sep.07.2021
						Release