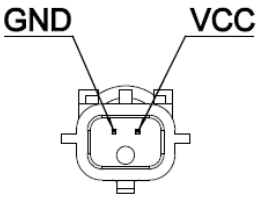
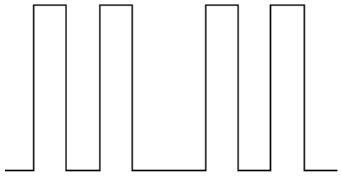
NAME	AB-EU617 Electrical Specifications	NO	AB-2-4-1034

Picture

Plug

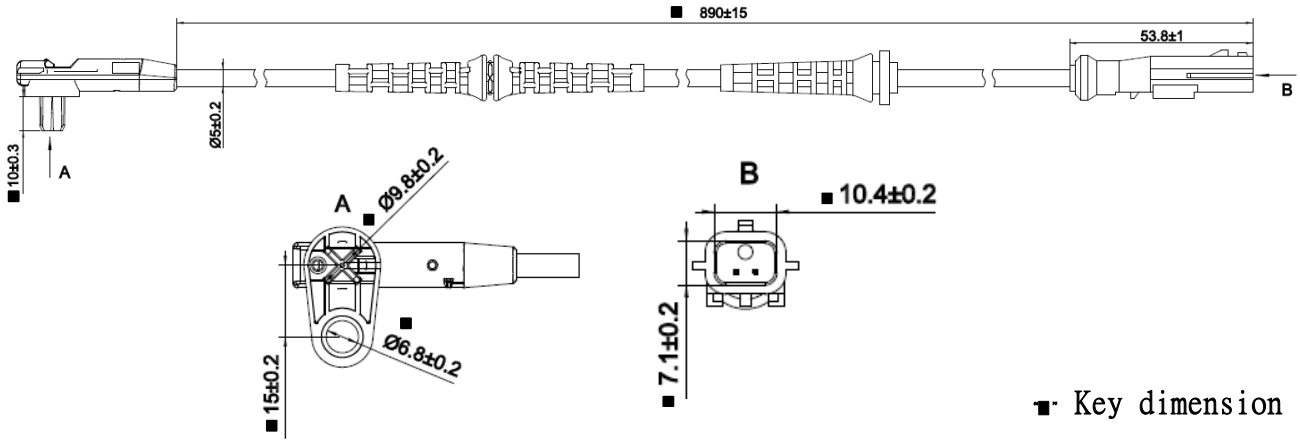


Waveform



Out Voltage：$V_{OL} \leqslant 1V \leqslant V_{OH}$

Drawing and Dimension



TYPE：■Hall □ Magnetic

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Resistance（25℃）	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		N/A	N/A	N/A	
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 Low (600RPM,12V,1mm)	V_{OL}	0.3	0.6	0.9	V
Output Voltage High (600RPM,12V,1mm)	V_{OH}	2.7	3.0	3.3	V

2021.07.29		1	王亮	汪芳波	黄鹏	MOBILETRON
Date of first edition	Date of revised edition	edition	Manuscript	Review	Approval	Aug.03.2021 Release