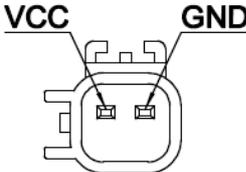
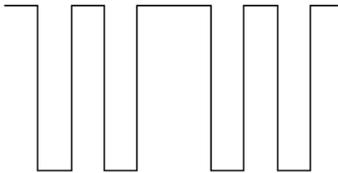
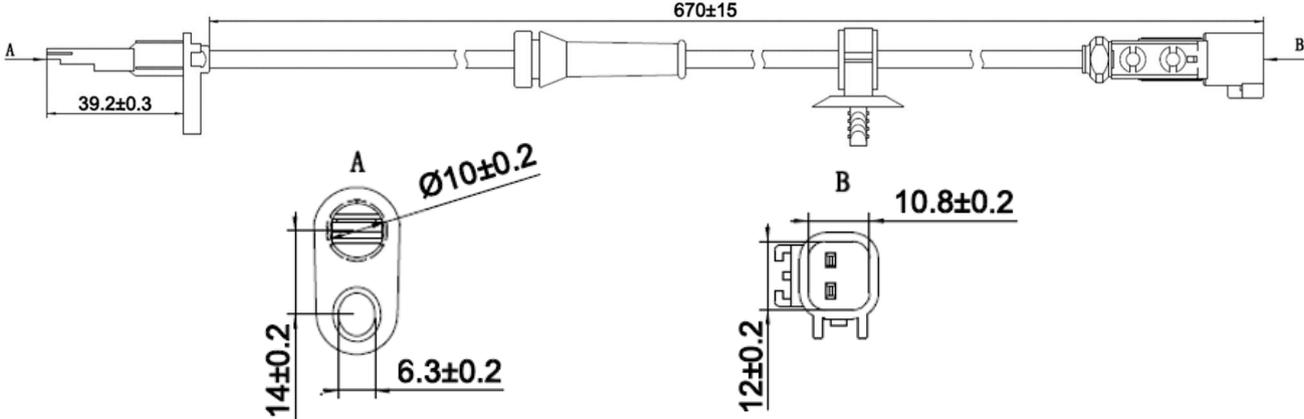


NAME	AB-US107 Electrical Specifications	NO	AB-2-4-1137
-------------	---	-----------	--------------------

<u>Picture</u> 	<u>Plug</u> 	<u>Waveform</u>  Out Voltage: $V_{OL} \leq 1V \leq V_{OH}$
---	---	---

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	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	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

2021.12.30		1	王亮	汪芳波	黄鹏	MOBILETRON
Date of first edition	Date of revised edition	edition	Manuscript	Review	Approval	Jan.05.2022
						Release