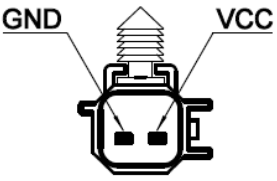
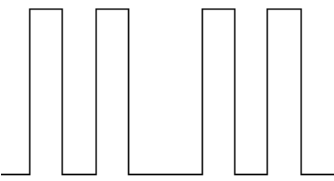
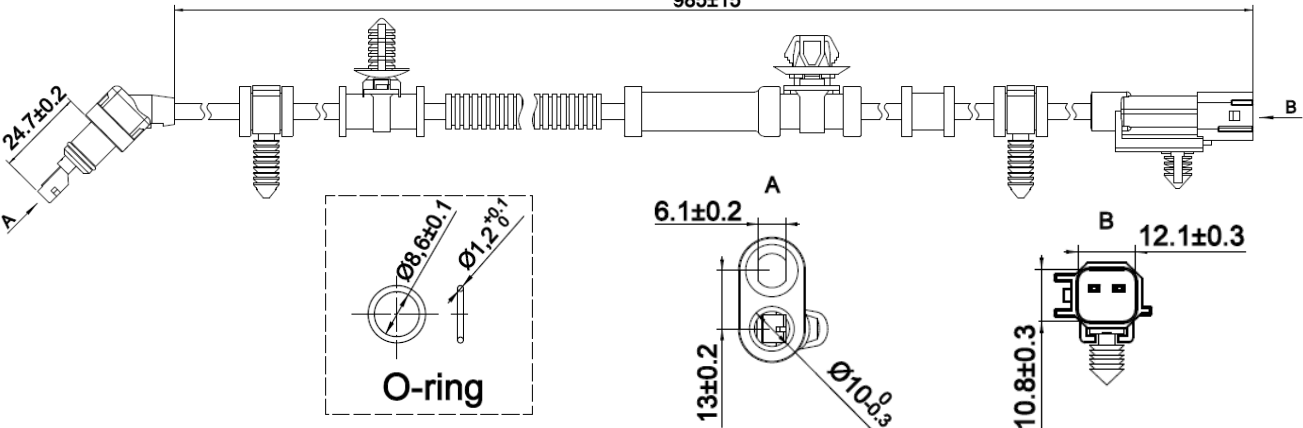


NAME	AB-US113 Electrical Specifications	NO	AB-2-4-1154
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Picture	Plug	Waveform
		 Out Voltage: $V_{OL} \leq 1V \leq V_{OH}$

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		NFS	NFS	NFS	
Duty ratio(t1/T)	Duty	45	50	55	%
Temperature	To	-40	25	125	°C
Reference Teeth		N/A	48	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

2022.01.14		1	王亮	汪芳波	黄鹏	MOBILETRON
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