
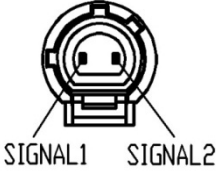
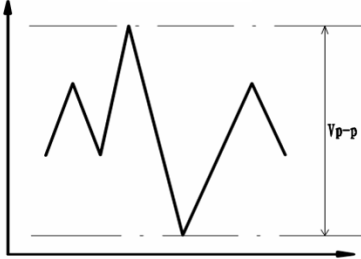
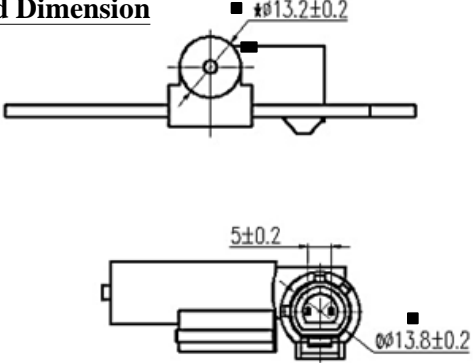
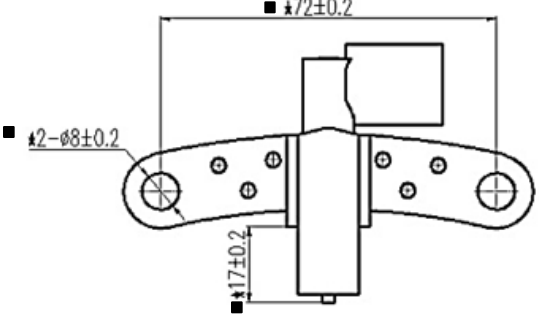



NAME	CS-E143 Electrical Specifications	NO	CS-1-3-168
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Picture 	Plug 	Waveform 
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Drawing and Dimension	
	
■ 為重點管控尺寸	

TYPE : Hall Magnetic

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Resistance@120Hz	R	210	250	290	ohm
Inductance@120Hz	L	70	85	95	mH
Waveform Profile	V	N/A		N/A	V
Working Voltage		N/A	N/A	N/A	
Frequency	Fre.	N/A	580	N/A	Hz
Detecting range	Air Gap	0.5	1	1.5	mm
Magnetic strength	Bo	60	80	100	mT
Magnetic field direction SFS=South facing sensor NFS=North facing sensor		N/A	SFS	N/A	
Duty ratio(t1/T)	Duty	N/A	N/A	N/A	%
Temperature	To	-40	N/A	150	°C
Reference Teeth		N/A	58	N/A	
Output Voltage	Vp-p	4	-	-	V

Repetitive Thermal Shock	The Sensor shall be designed to withstand 100 cycles of -30°C to 125°C in 20minutes and 125°C to -30°C in 20 minutes .
Vibration Shock	The Sensor shall withstand a vibration according to the following condition without failure or performance degradation . Condition : amplitude acceleration = 15G , vibration frequency = 10~500Hz , a period of 15 minutes for each of the 3 main axes (x,y,z) , test times = 16 cycle .

2016.5.10		1	蔡建華	蔡建華	黃鵬	MOBILETRON
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