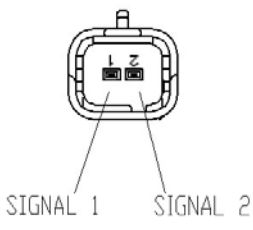


NAME	CS-E145 Electrical Specifications	NO	CS-1-3-170
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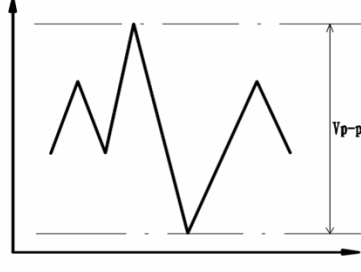
Picture



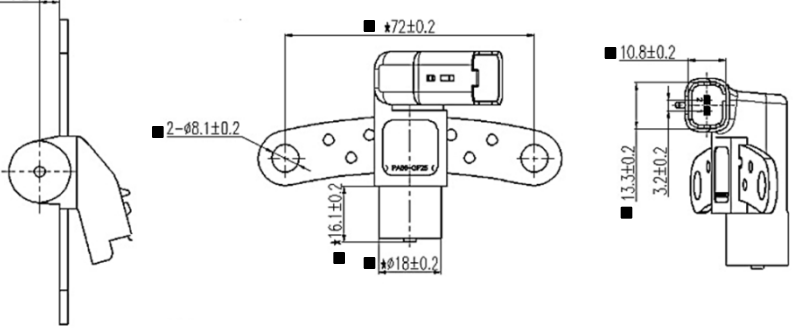
Plug



Waveform



Drawing and Dimension



■ 為重點管控尺寸

TYPE : ☐Hall ☒Magnetic

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Resistance@120Hz	R	600	697	800	ohm
Inductance@120Hz	L	385	450	515	mH
Waveform Profile	V	N/A		N/A	V
Working Voltage		N/A	N/A	N/A	
Frequency	Fre.	N/A	1200	N/A	Hz
Detecting range	Air Gap	0.5	1	1.5	mm
Magnetic strength	Bo	130	150	170	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	℃
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℃ to 125℃ in 20minutes and 125℃ to -30℃ 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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