



125KHz FSK H.I.D. Module
Model : PXHD-Cx / PIHD-Cx series
Ver.18.1

INSTALLATION INSTRUCTIONS

● Introduction

The H.I.D. proximity module contains the 125KHz/FSK decoding circuits to read the H.I.D. contactless cards or tags. We support various modules contains antenna or without antenna with Wiegand/RS232/RS485 interfaces easy to apply various utilization.

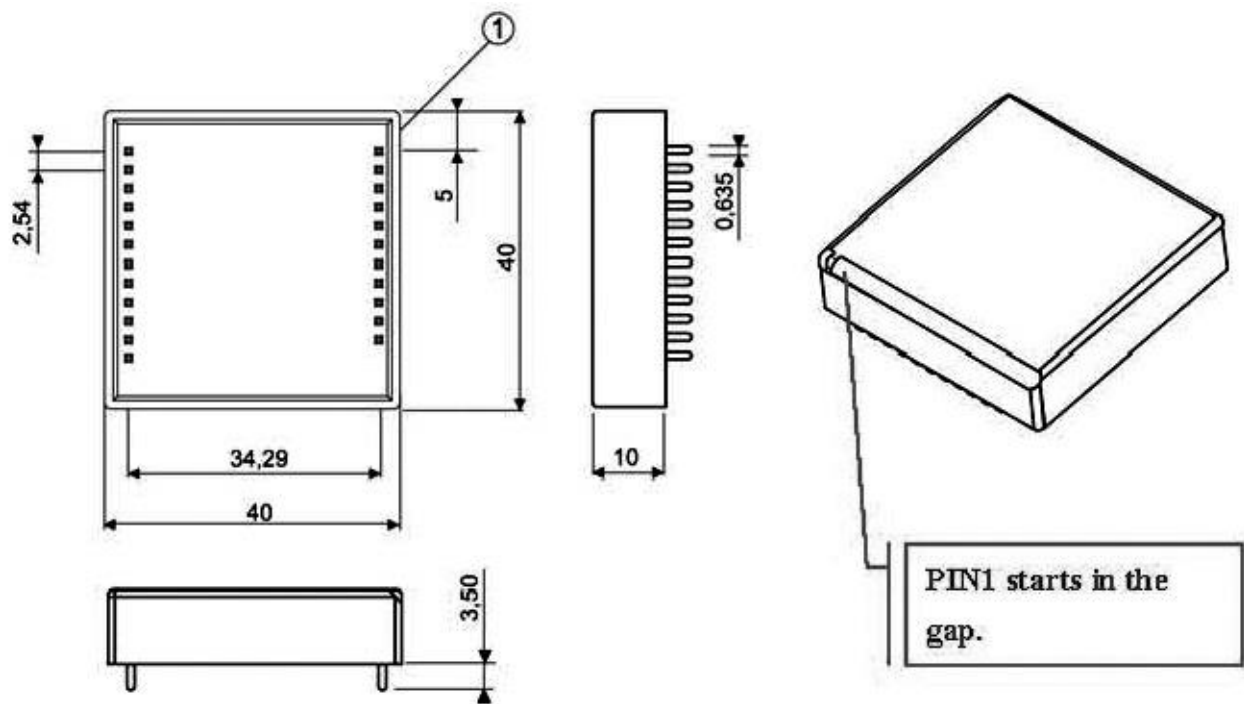
● Specifications:

Model No.	PIHD-CW	PIHD-CR2	PIHD-CR5	PXHD-CW	PXHD-CR2	PXHD-CR5
With internal antenna	● (455 uH / 700uH)			---		
Output Interface selectable	Wiegand	RS-232	RS-485	Wiegand	RS-232	RS-485
Access Distance	4~5 cm			8 ~ 12 cm		
Card Type	H.I.D.					
Frequency / Modulation	125 KHz/FSK					
Transmission rate	By respective communication protocol					
Enclosure material	ABS					
Power requirement	5V,25mA					
Operating Temperature	-10℃ ~55℃					
Humidity	10% ~ 90% RH, Non condensation					
Dimension (L)x(W)x(H)mm	40 x 40 x 10					
Weight	22.4g±5%			18.6g±5%		

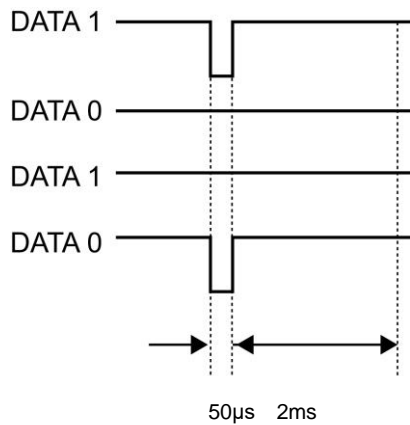
● Pin Configuration

PXHD-CW		PIHD-CW		PXHD-CR2		PIHD-CR2		PXHD-CR5		PIHD-CR5	
PIN No.	Function	PIN No.	Function	PIN No.	Function	PIN No.	Function	PIN No.	Function	PIN No.	Function
1	Ground	1	Ground	1	Ground	1	Ground	1	Ground	1	Ground
2	+5VDC	2	+5VDC	2	+5VDC	2	+5VDC	2	+5VDC	2	+5VDC
3	Data 1	3	Data 1	3	Data 1	3	Data 1	3	Data 1	3	Data 1
4	Data 0	4	Data 0	4	Data 0	4	Data 0	4	Data 0	4	Data 0
5	--	5	--	5	--	5	--	5	--	5	--
6	--	6	--	6	--	6	--	6	--	6	--
7	ANT	7	---	7	ANT	7	---	7	ANT	7	---
8	ANT	8	---	8	ANT	8	---	8	ANT	8	---
9	--	9	--	9	--	9	--	9	--	9	--
10	--	10	--	10	Rx	10	Rx	10	B	10	B
11	--	11	--	11	Tx	11	Tx	11	A	11	A

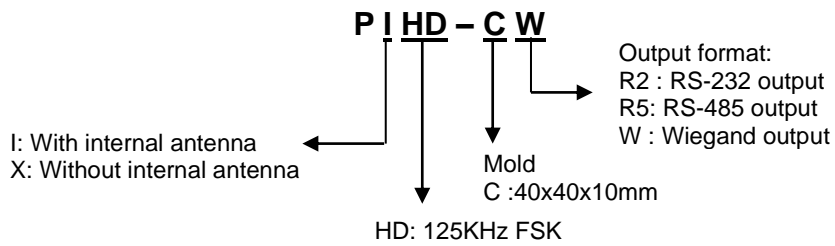
● Outlooking



Wiegand data format



● How to order



Specifications are subject to change without any notice for further modification.