Carbon Dioxide(CO2) sensor module: Model: SH-300-DS
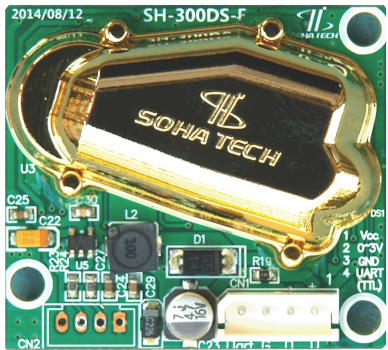

■ **Application**

CO_2 Control for Indoor Air Quality

CO_2 Measuring for Ventilation Control

CO_2 Control for Building, Hospital, School

CO_2 Control for Air cleaner, Air condition

er.

Mushroom Control, Boiler Control

■ **Technical Specification**

Measuring Type	Non-Dispersive Infrared (NDIR)
Measuring Range	0 ~ 3,000 / 5,000ppm
Accuracy	±2% (Full Scale) @10 ~ 50℃
Response Time	0 ~ 80% < 30Sec
Signal Update Time	Every 2.0 Seconds
Warm-up Time @25℃	< 90Sec

Operating Condition	0 ~ 50℃, 0 ~ 95% RH (Non Condensing)
Output	Analog : 0~3VDC (0~3000, 5000ppm)
	UART: 9600bps
Power Input	DC5V ~ 9V Input
Consumption Current	Normal 35mA, Peak point 80mA
Interface	4PIN Header[CN1]
	With 2.54mm spacing.
	Refer to dimension
size	(W)40mm x (H)36mm x (D)11.35mm

♣ This product can be changed for quality improvement without notification

■ **Dimension**

PIN 설명
1. Vcc
2. 0~3V
3. GND
4. UART 9600bps(TTL)
Molex: 5267-4(Pith2.54mm)