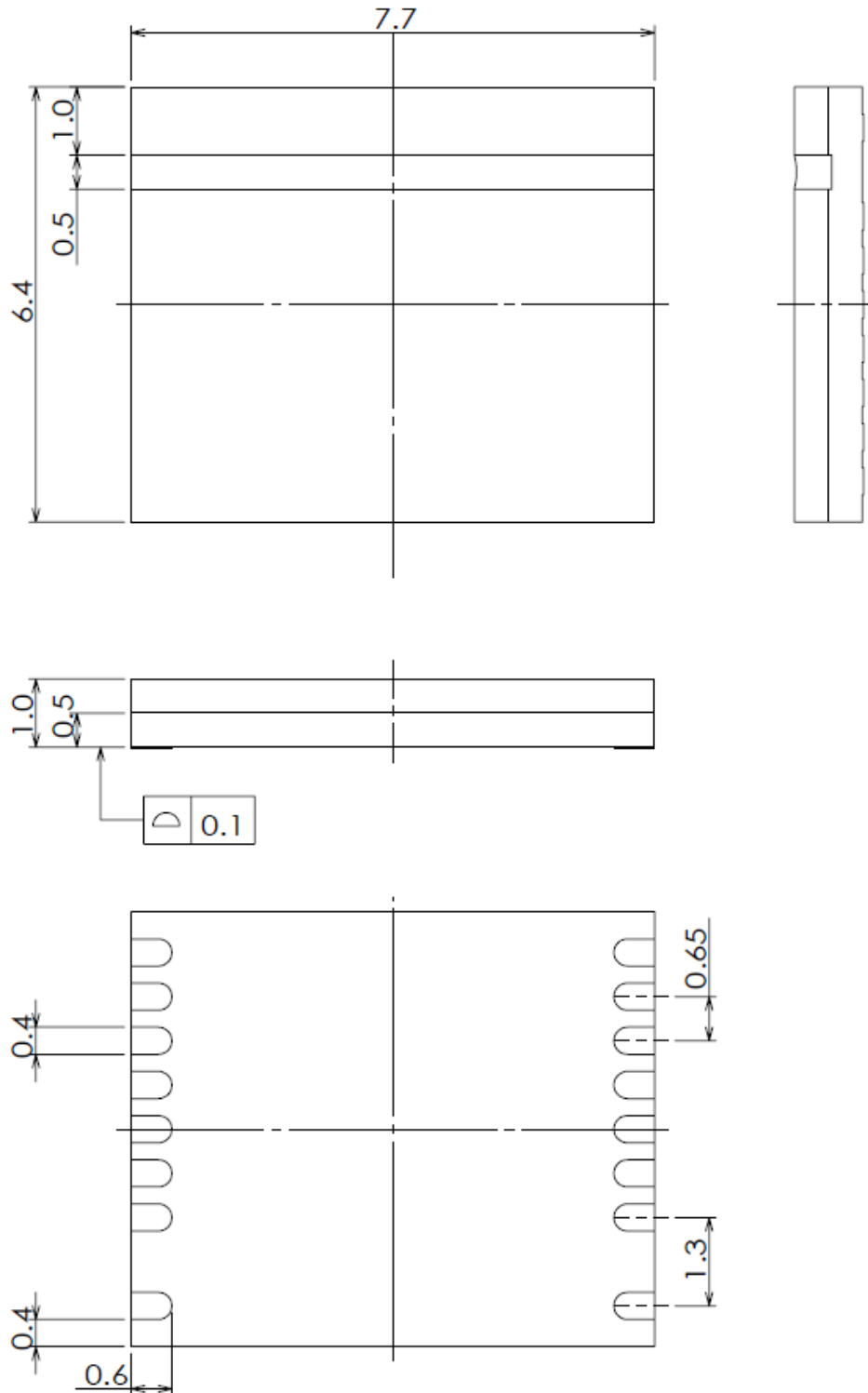
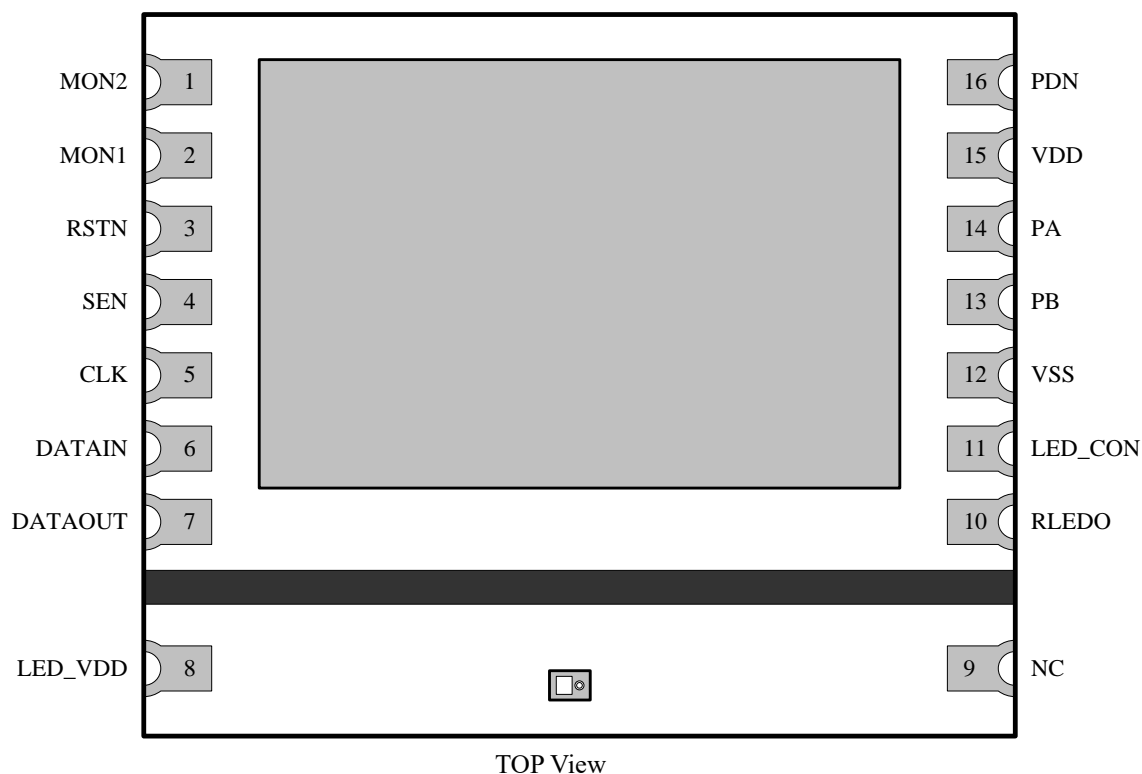


## 1. SM3414B Package outline drawing



General tolerance :  $\pm 0.1$

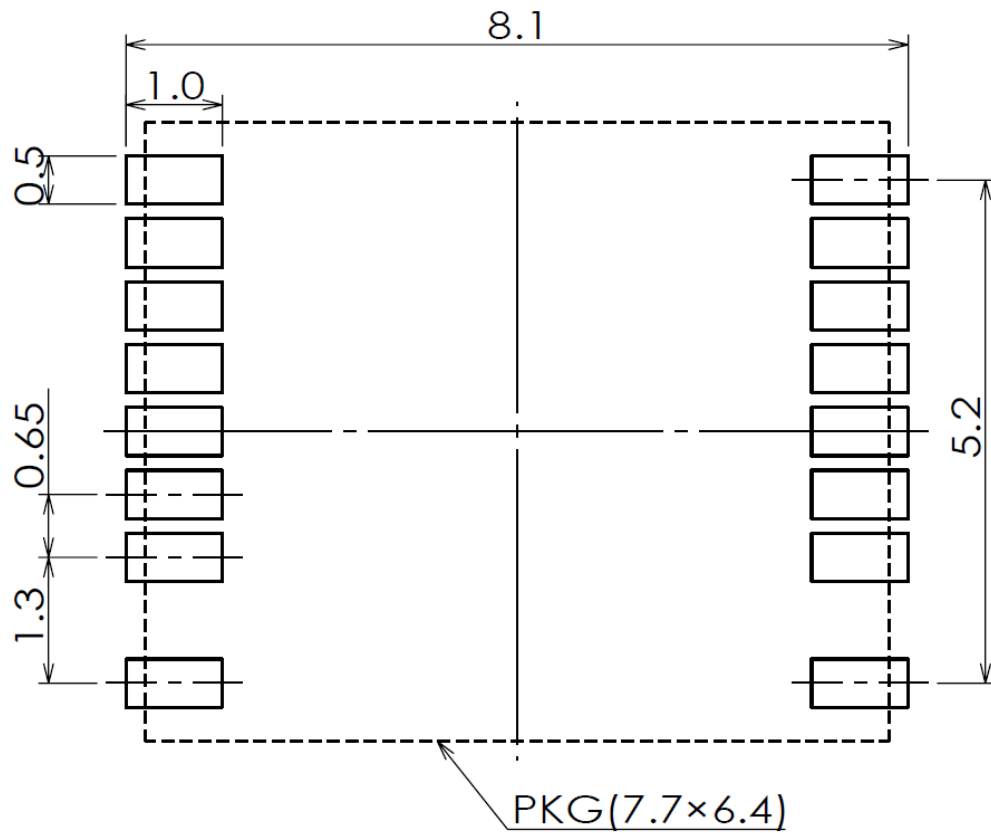
## 2. Pin assignment



Pin No.	Name	I/O	Description
1	MON2	O	Internal signal monitor output pin 2
2	MON1	O	Internal signal monitor output pin 1
3	RSTN	I	Register reset and power-down pin (Pull-down pin, Active-Low)
4	SEN	I	Serial interface enable signal (Pull-up pin, Active-Low)
5	CLK	I	Serial interface clock signal input pin
6	DATAIN	I	Serial interface data input pin
7	DATAOUT	O	Serial interface data output pin
8	LED_VDD	S	LED power supply pin
9	NC	-	No connection
10	RLEDO	O	LED current control resistor connection pin
11	LED_CON	I	LED current adjustment pin
12	VSS	S	Ground pin
13	PB	O	Incremental signal phase B output pin
14	PA	O	Incremental signal phase A output pin
15	VDD	S	Power supply pin
16	PDN	I	Absolute function power-down pin (Pull-down pin, Active-Low)

[Type] I: Input pin, O: Output pin, S: Power supply pin

### 3. Recommended land pattern



Unit : mm

General tolerance :  $\pm 0.1$

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