(Tentative) Specifications				Ver.1.1
Product Name	PIR MOTION SENSOR "PaPIRs"	Model No.	EKMC2600100K	Page: 1

1.Product Name

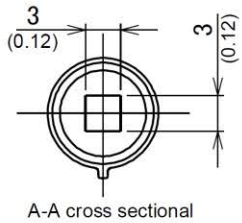
PIR MOTION SENSOR "PaPIRs"
VZ series Without lens type (170μA / Analog Output)

2.Model Number

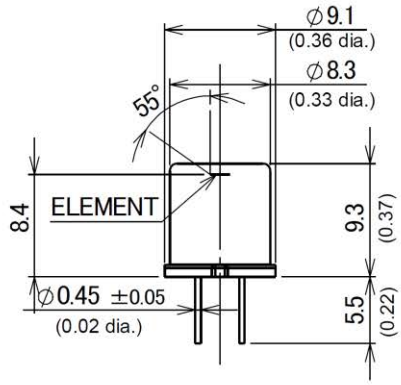
EKMC2600100K

3.Dimensions

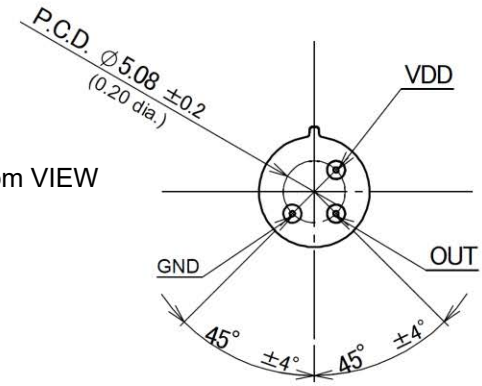
Top VIEW



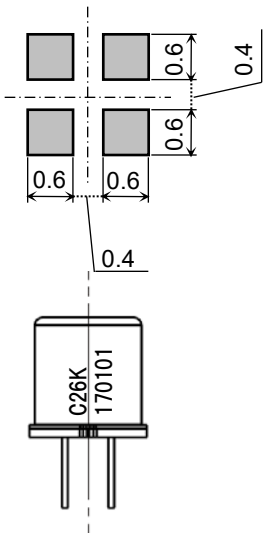
Side VIEW



Bottom VIEW



Element size



Marking

1st Row C 26 K
a b c

2nd Row 17 01 01
d e f

a) 4th digit of Model No.
(Ex:EKMC2600100K)

b) 5th & 6th digit of Model No.
(Ex:EKMC2600100K)

c) 12th digit of Model No.
(Ex:EKMC2600100K)

d)Last-digit of the year
(Ex:2017=17,2018=18,…)

e) Produced Month using 2 digits

f) Produced Day using 2 digits

General Tolerance ±0.5mm (±0.020inch)

Panasonic Corporation	Approved by	
	Checked by	
Issued on Mar. 26th,2018	Designed by	

4.Characteristics

4-1 Maximum Rated Values

	Value	Unit
Power Supply Voltage	-0.3～7.0	VDC
Usable Ambient Temperature	-20～+60℃ (-4～+140° F) Do not use in a freezing or condensation environment	
Storage Temperature	-20～+70℃ (-4～+158° F)	

4-2 Electrical Characteristics

Conditions for Measuring: Ambient temperature=25℃(77° F)

		Symbol	Min.	Avg.	Max.	Unit	Special mention
Operating Voltage		Vdd	3.0	—	5.5	VDC	—
Electrical Current Consumption		Iw	—	170	350	μA	Iout=0
Output Current		Iout	—	—	200	μA	—
Signal Output Voltage		Vout	450	550	—	mVpp	*1
Analog Output Saturated Voltage	High	Vh	1.9	—	—	V	—
	Low	Vl	—	—	0.2	V	—
Output Offset Average Voltage		Vos	1.0	1.1	1.2	V	Steady-state output voltage during no detection.
Steady-state Noise		Vn	—	80	150	mV	—
Circuit Stability Time (when voltage is applied)		Twu	—	—	30	s	—

*1: Measuring Method