

(Tentative) Specifications

Ver.1.1

Product Name

PIR MOTION SENSOR "PaPIRs"

Model No.

EKMC2600100K

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1.Product Name

PIR MOTION SENSOR "PaPIRs"

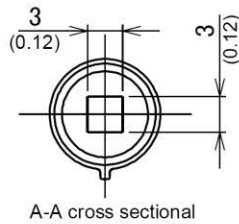
VZ series Without lens type (170μA / Analog Output)

2.Model Number

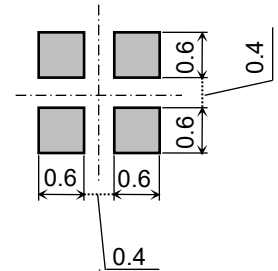
EKMC2600100K

3.Dimensions

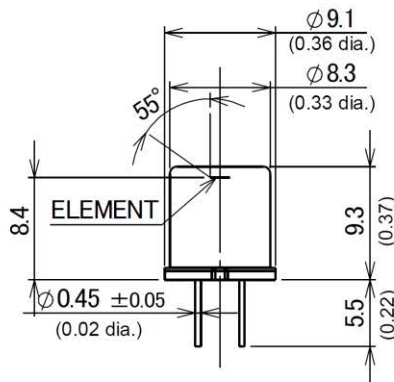
Top VIEW



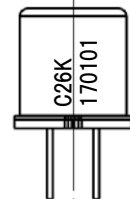
Element size



Side VIEW



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)

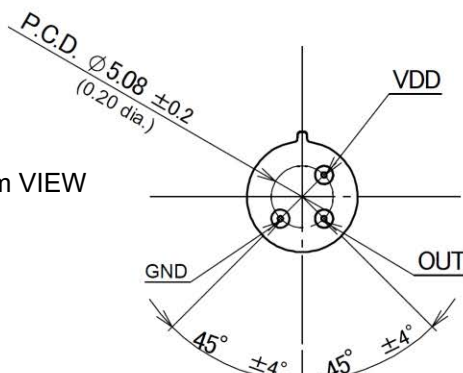
c) 12th digit of Model No.
(Ex:EKMC2600100K)

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

e) Produced Month using 2 digits

f) Produced Day using 2 digits

Bottom VIEW



General Tolerance ±0.5mm (±0.020inch)

Panasonic Corporation

Approved by

Checked by

Issued on Mar. 26th,2018

Designed by

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4.Characteristics

4-1 Maximum Rated Values

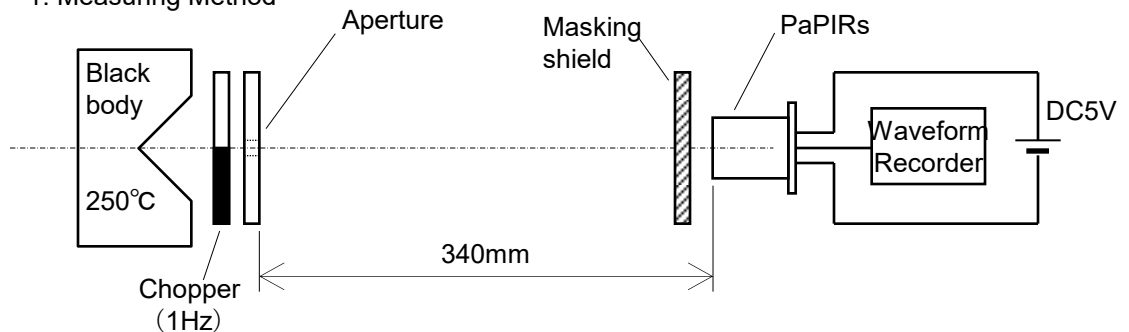
	Value	Unit
Power Supply Voltage	-0.3~7.0	VDC
Usable Ambient Temperature	-20~+60°C (-4~+140° F) Do not use in a freezing or condensation environment	
Storage Temperature	-20~+70°C (-4~+158° F)	

4-2 Electrical Characteristics

Conditions for Measuring: Ambient temperature=25°C(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



Issued on Mar. 26th,2018

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(SKC0410-P01.02,140701)