Specifications				Ver.1.1
Product Name	PIR MOTION SENSOR "PaPIRs"	Model No.	EKMC260511□K	Page: 1

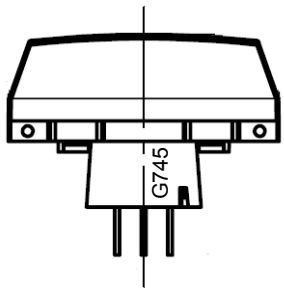
1.Product Name

PIR MOTION SENSOR "PaPIRs"
VZ series・Horizontally wide detection type （170μA / Analog output ）

2.Model Number

Lens Color	Model Number
White	EKMC2605111K
Black	EKMC2605112K
Pearl White	EKMC2605113K

Marking



G 7 45
a) b) c)

a) The Marking which was shown by a list shown below

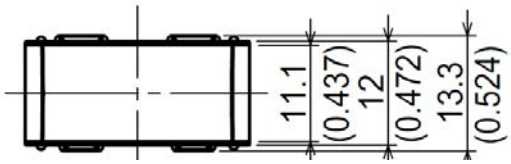
Marking	Model Number
A	EKMC160511□
B	EKMB130511□K
C	EKMB110511□
D	EKMB120511□
E	EKMB260511□
F	
G	EKMC260511□K
H	EKMC460511□K
I	
J	
K	

b) Last-digit of the year
(Ex:2017=7,2018=8,…)

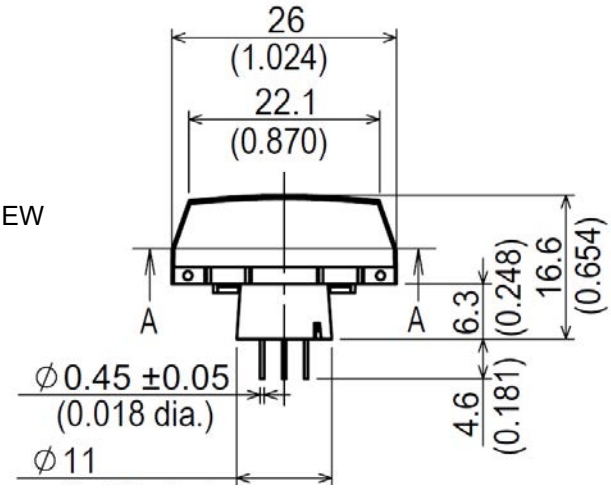
c) Lot No.
1st week of Jan. will be 01, and further No. of 02,03, will continue up to 53.

3.Dimensions

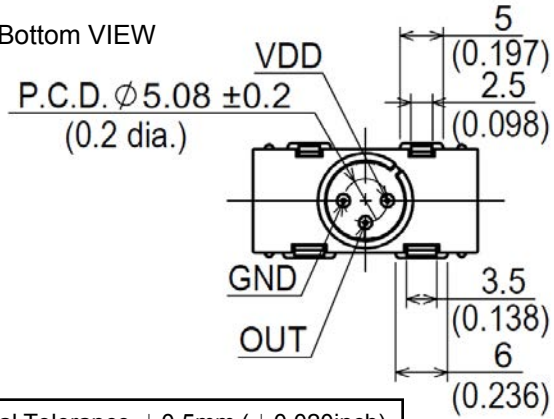
Top VIEW

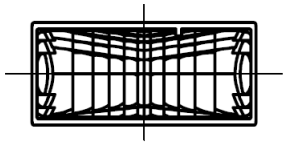


Side VIEW



Bottom VIEW





SECTION A-A

General Tolerance ±0.5mm (±0.020inch)

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

4.Characteristics

4-1 Detection Performance (Detection Area A)

Conditions for measuring: Ambient temperature=25℃(77° F) Operating voltage=5VDC

	Temperature difference	Value	Conditions concerning the target
(Note1) Detection Sensitivity	4℃(7.2° F)	±0.22V≦	1.Movement speed: 1.0m/s 2.Target concept is human body (Object size:Around 700×250mm) 3.Detection range is 5m.

Note1:The detection range is about 5m however, depending on the target's speed and its temperature difference with the surroundings, detection can occur at a range superior to the value above. Therefore, before using, please confirm the detection characteristics under the usage environment.

*Refer to the "detection area" diagram in section 4-6.

		Value	Notes
Detection Area	Horizontal	122° (±61°)	Refer to the section 4-6.
	Vertical	35° (+10° / -25°)	
	Detection zones	88	

4-2 Detection Performance (Detection Area B)

Conditions for measuring: Ambient temperature=25℃(77° F) Operating voltage=5VDC

	Temperature difference	Value	Conditions concerning the target
(Note1) Detection Sensitivity	8℃(14.4° F)	±0.22V≦	1.Movement speed: 1.0m/s 2.Target concept is human body (Object size:Around 700×250mm) 3.Detection range is 5m.

Note1:The detection range is about 5m however, depending on the target's speed and its temperature difference with the surroundings, detection can occur at a range superior to the value above. Therefore, before using, please confirm the detection characteristics under the usage environment.

*Refer to the "detection area" diagram in section 4-6.

		Value	Notes
Detection Area	Horizontal	150° (±75°)	Refer to the section 4-6. (Ditection Area A is not included.)
	Vertical	20° (±10°)	
	Detection zones	16	