

# SELENIUM PHOTOVOLTAIC CELLS

(Round type)

Physical Dimension Unit : mm

(Rectangular type, 75C 00336

D 7-41-41

No. 1

8253922

No. 2

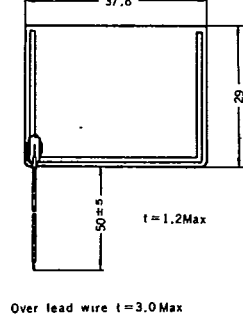
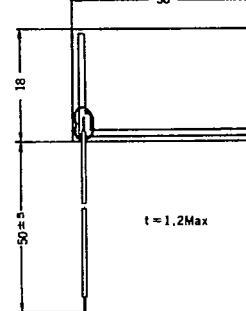
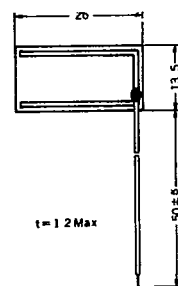
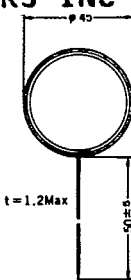
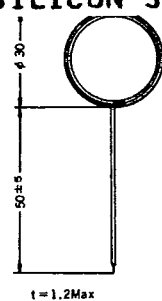
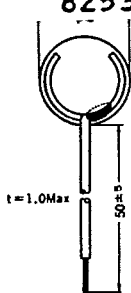
SILICON SENSORS INC

No. 3

No. 4

No. 5

No. 6



Over lead wire t = 3.0 Max

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## Absolute Maximum Ratings

Ratings	Symbol	Min.	Max.	Units
Operating Temperature	Topr	-10	+60	°C
Storage Temperature	Tstg	-20	+70	°C

## Electro-optical Characteristics

Part No.	Size (mm)	Effective area (mm <sup>2</sup> )	(Min. $\mu$ A) Output current Ev = 150Lux RL = 1K $\Omega$	Item
A 8	8 $\varnothing$	50	3.0	1
A 30	30 $\varnothing$	706	50	2
A 45	45 $\varnothing$	1589	90	3
B 26 $\times$ 13.5	26 $\times$ 13.5	351	30	4
B 38 $\times$ 18	38 $\times$ 18	684	55	5
B 37 $\times$ 29	37 $\times$ 29	1073	70	6

\*Color Temperature 2856K \*10Lux = 1FTC \*Lead Length Optional \*Other Configurations Available Upon Request  
\*Do not pull lead wires over 250g stretch in vertical direction to the body.

Fig1 (Round type) Output Current vs. Illumination

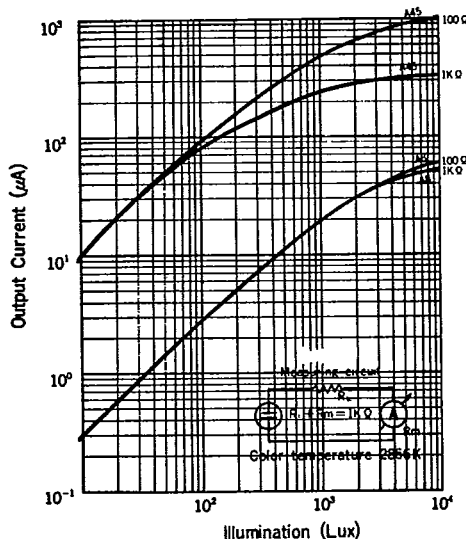


Fig2 (Rectangular type) Output Current vs. Illumination

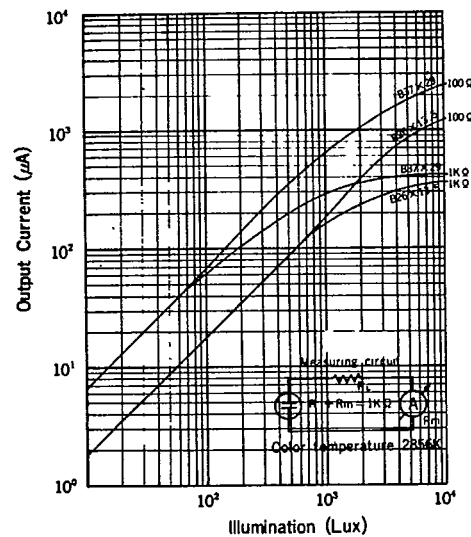


Fig3 Spectral Response

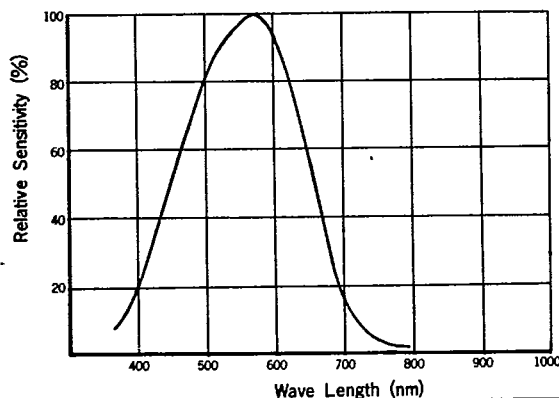


Fig4 Temperature Coefficient

