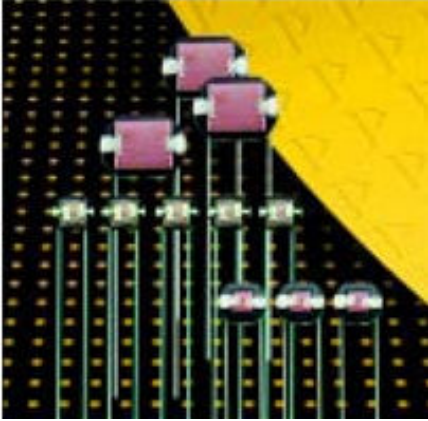


Photocells A 9950, A 7060, B 9060

Epoxy Encapsulated Series

Light Switch Applications
Indoor and Outdoor



Introduction

This range of photocells includes three different size designs with different spectral sensitivity. The smallest in physical size is our A 9950 range with spectral sensitivity at max. 530 nm. Customized selections are available upon request.

Features and Benefits

- Easy-to-use
- Small dimensions
- Epoxy encapsulated package
- Adapted to human eye sensitivity

Applications

- Brightness controls
- Contrast controls
- Street lighting
- Automatic light switches
- Dimmers

Typical Electro-Optical Characteristics

Operating Temperature Range: -20..+70 °C (non-continuous)
Storage Temperature Range: -20..+80 °C (non-continuous)

Type	R ₁₀	R ₁₀₀	R ₀₁	R ₀₅	V _{max}	P _{mqx}	γ _{10/100}	λ _{peak}
Units	KΩ	KΩ typ.	MΩ min	MΩ max	V	mW	typ.	nm
A 9950 09	4...11	2	0.04	0.12	100	90	0.65	530
A 9950 11	9...22	3	0.05	0.15	150	90	0.6	530
A 9950 12	18...44	7	0.15	0.45	150	90	0.65	530
A 9950 13	36...88	12	0.4	1.2	150	90	0.7	530
A 9950 14	20...200	20	1.0	3.0	150	90	0.75	530
A 7060 09	4...11	2	0.04	0.12	100	90	0.65	600
A 7060 11	9...20	3.5	0.06	0.18	150	90	0.65	600
A 7060 12	16...33	5	0.18	0.5	150	90	0.7	600
A 7060 13	27...94	8	0.5	1.05	150	90	0.8	600
A 7060 14	77...340	15	1.5	5.0	150	90	0.9	600
B 9060 32	5...13	2	0.1	0.3	300	200	0.7	600
B 9060 33	11...40	5	0.2	0.6	300	200	0.8	600

Light Resistance Characteristics

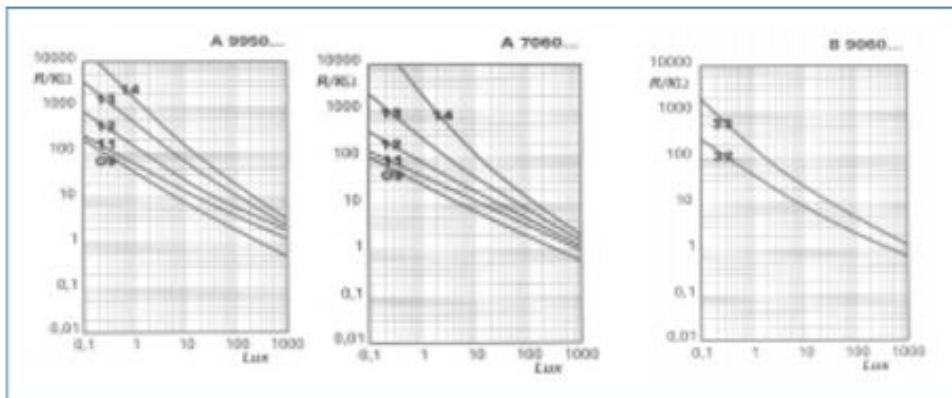


Figure 1
A9950.
A7060.
B9060.
Typical Light Resistance
Characteristics

Mechanical Dimensions

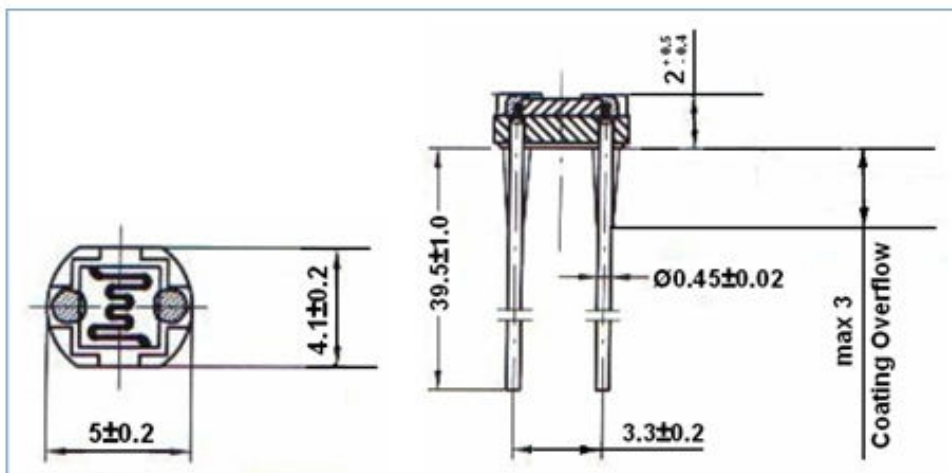


Figure 2
A99...
All dimensions in mm

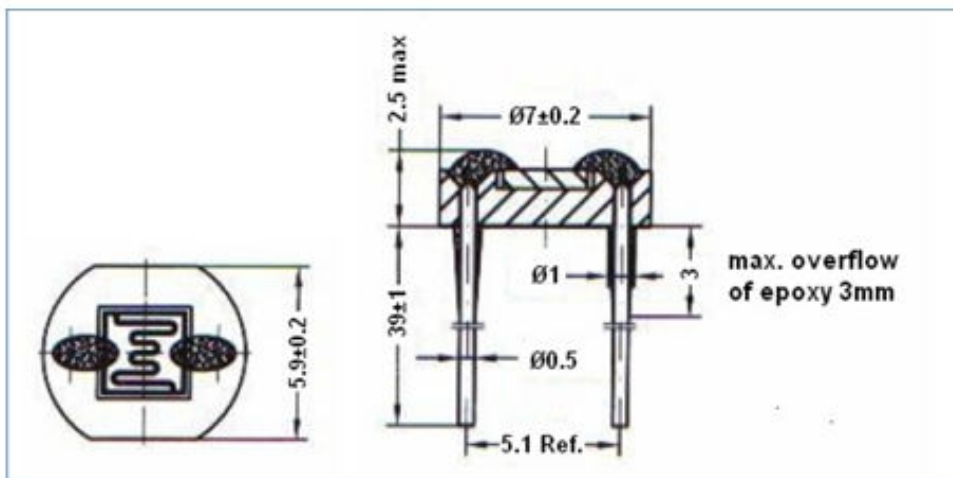


Figure 3
A70...
All dimensions in mm

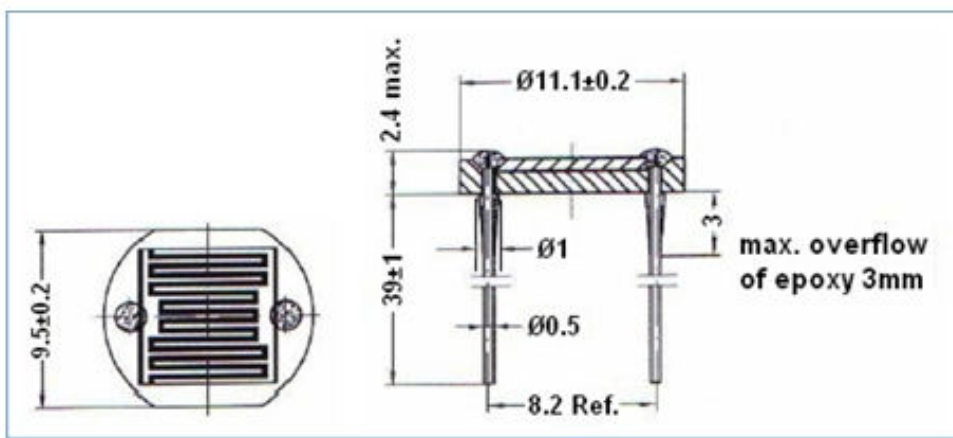


Figure 4
B90...
All dimensions in mm

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