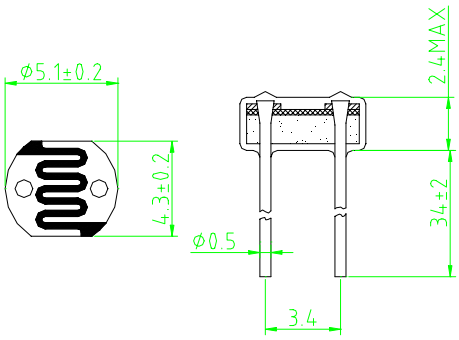
PGM5637D

Features:

- Epoxy Encapsulated
- Reliable Performance
- Quick Response
- Good Characteristic of Spectrum

Applications:

- Industrial Control
- Photoelectric Control
- Photoswitch
- Electronic Toys



Model	V_{max} (VDC)	P_{max} (mW)	Ambient Temp (°C)	Spectral Peak (nm)	Photo Resistance (10Lx) (KΩ)	Dark Resistance (MΩ)min	γ min	Response Time (ms)	
								Rise	Decay
PGM5637D	150	100	-30 ~ +70	560	16 ~ 50	5.0	0.7	20	30

Measuring Conditions

1. Light Resistance:
   Measured at 10 lux with standard light A (2854K-color temperature) and 2hr. preillumination at 400-600 lux prior testing.
2. Dark Resistance :
   Measured 10 seconds after closed 10 lux.
3. Gamma characteristic:
   Between 10 lux and 100 lux and given by
   $\gamma = \log(R10/R100)/ \log(100/10) = \log(R10/R100)$
   R10,R10: Cell resistance at 10 lux and 100 lux. The tolerance of γ is ±0.1.
4. Pmax:
   Max. Power Dissipation at ambient temperature of 25° C.
5. Vmax:
   Max. Voltage in Darkness that may be applied to the cell continuously.