



THE LAB EQUIPMENT

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**Product Name :**

Miniature LDR

**Product Code :**

SLE/PHY/65



## Description :

This miniature Light Dependent Resistor is housed in an epoxy package. Resistance reduces as the light falling on the device increases. Consisting of a resistor which is made of semiconductor material whose conductance changes with variations in luminance.

### Technical Specification :

**Diameter :** 5 mm

**Dark resistance:** 1 M $\Omega$

**Max. voltage :** 150 V peak AC or DC

**Power dissipation:** 100 mW

**Resistance @ 10 Lux :** 10-20 k $\Omega$

**Resistance @ 100 Lux :** 2-4 k $\Omega$

**Peak spectral response :** 540 nm

**Lead pitch :** 3 mm

**Operating temperature :** -30°C to +70°C

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