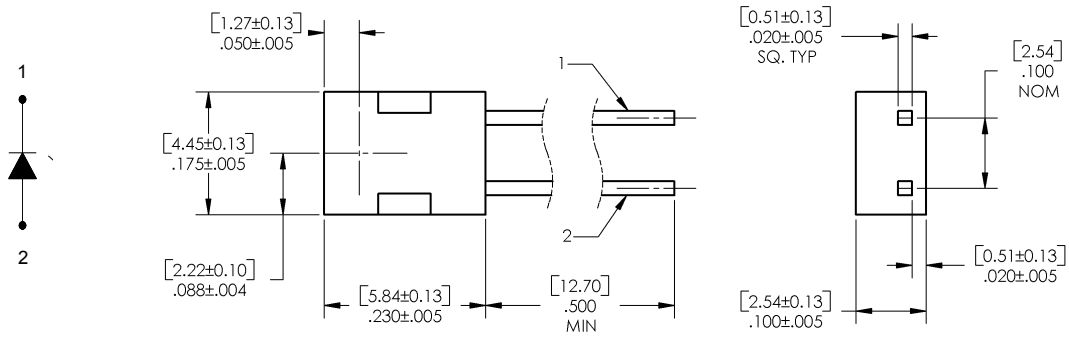


# LED and Photosensor Pairs

OPS665, OPS666, OPS667, OPS691, OPS692, OPS693, OPS698



## OPS698



DIMENSIONS ARE IN INCHES AND [MILLIMETERS].

Pin #	Diode
1	Cathode
2	Anode

### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | OPTEK Technology, Inc.  
1645 Wallace Drive, Carrollton, TX 75006 | Ph: +1 972 323 2200  
sensors@ttelelectronics.com | www.ttelelectronics.com

# LED and Photosensor Pairs

OPS665, OPS666, OPS667, OPS691, OPS692,  
OPS693, OPS698



## Electrical Specifications

<b>Absolute Maximum Ratings</b> ( $T_A = 25^\circ\text{C}$ unless otherwise noted)	
Storage & Operating Temperature Range	-40°C to +100°C
Lead Soldering Temperature [1/16 inch (1.6mm) from the case for 5 sec. with soldering iron]	260°C <sup>(1)</sup>
<b>Input Diode</b>	
Forward DC Current	50 mA
Peak Forward Current (1 $\mu\text{s}$ pulse width, 300 pps)	3.0 A
Reverse DC Voltage	2.0 V
Power Dissipation	100 mW <sup>(2)</sup>
<b>Output Photosensor (OPS665/666/667) or Output Phototransistor (691/692/693/698)</b>	
Collector-Emitter Voltage	30 V
Emitter-Collector Voltage	5 V
Power Dissipation	100 mW <sup>(2)</sup>

### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | OPTEK Technology, Inc.  
1645 Wallace Drive, Carrollton, TX 75006 | Ph: +1 972 323 2200  
sensors@ttelelectronics.com | www.ttelelectronics.com