

Photologic® Slotted Optical Switch



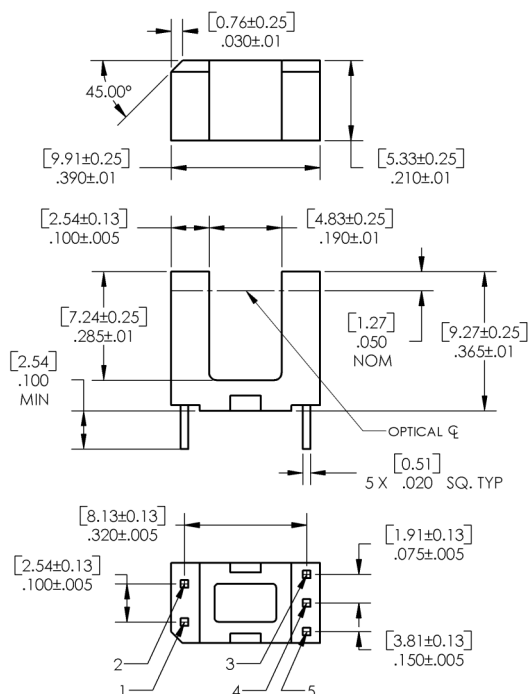
OPB615, OPB616, OPB617, OPB618 Series

OPB625, OPB626, OPB627, OPB628 Series

OPB665, OPB666, OPB667, OPB668 (N and T Series)

OPB625, OPB626, OPB627, OPB628

Pin Color/ Number	Description
1	Anode
2	Cathode
3	Vcc
4	Output
5	Ground



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.

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OPB625, OPB626, OPB627, OPB628 Series

OPB665, OPB666, OPB667, OPB668 (N and T Series)

Technical drawing of a 10-pin D-subminiature connector. The drawing includes three views: a top view, a side view, and a front view. Dimensions are provided in millimeters [] and inches () with tolerances.

Top View Dimensions:

- Overall width: $[12.32 \pm 0.25]$ mm, $.485 \pm .01$ inches
- Pin 1 to Pin 5 distance: $[6.50 \pm 0.25]$ mm, $.256 \pm .01$ inches
- Pin 5 to Pin 10 distance: $[19.05 \pm 0.25]$ mm, $.750 \pm .01$ inches
- Overall height: $[3.25 \pm 0.25]$ mm, $.128 \pm .01$ inches
- Pin 1 to Pin 2 distance: $[1.27]$ mm, $.050$ inches
- Pin 2 to Pin 3 distance: $[0.25]$ mm, $.010$ inches
- Pin 3 to Pin 4 distance: $[3.25]$ mm, $.128$ inches (2 X R.128)
- Pin 4 to Pin 5 distance: $[3.18]$ mm, $.125$ inches (2 X $\phi .125$)

Side View Dimensions:

- Overall height: $[3.18 \pm 0.25]$ mm, $.125 \pm .01$ inches
- Pin 1 to Pin 5 distance: $[4.57 \pm 0.25]$ mm, $.180 \pm .01$ inches
- Pin 5 to Pin 10 distance: $[24.79 \pm 0.25]$ mm, $.976 \pm .01$ inches
- Pin 1 to Pin 2 distance: $[2.79]$ mm, $.110$ inches (NOM)
- Pin 2 to Pin 3 distance: $[8.76 \pm 0.25]$ mm, $.345 \pm .01$ inches
- Pin 3 to Pin 4 distance: $[10.80 \pm 0.25]$ mm, $.425 \pm .01$ inches
- Pin 4 to Pin 5 distance: $[0.51 \pm 0.13]$ mm, $.020 \pm .005$ inches (5 X .020 $\pm .005$ SQ. TYP)
- Pin 5 to Pin 10 distance: $[2.54]$ mm, $.100$ inches (MIN)
- Pin 10 to Pin 11 distance: $[2.54 \pm 0.25]$ mm, $.100 \pm .01$ inches

Front View Dimensions:

- Overall width: $[8.13 \pm 0.13]$ mm, $.320 \pm .005$ inches
- Pin 1 to Pin 5 distance: $[1.91 \pm 0.13]$ mm, $.075 \pm .005$ inches
- Pin 5 to Pin 10 distance: $[3.81 \pm 0.13]$ mm, $.150 \pm .005$ inches
- Pin 1 to Pin 2 distance: $[2.54 \pm 0.13]$ mm, $.100 \pm .005$ inches

Optical Feature:

- Optical feature location: $[24.79 \pm 0.25]$ mm, $.976 \pm .01$ inches

Dimensions are in: MILLIMETERS () INCHES

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