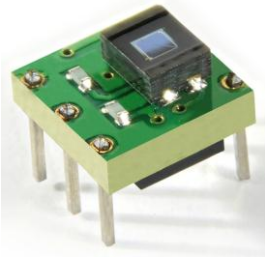


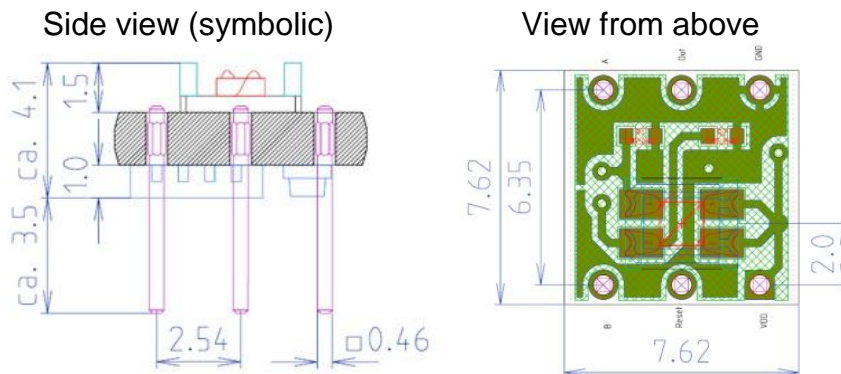
NOBIS Edge Detector



- ▶ Flexible edge detection of different materials
- ▶ Recognizing of the front- and back-edge
- ▶ Programmable detection of the direction
- ▶ Checking the illumination (troubleshooting)

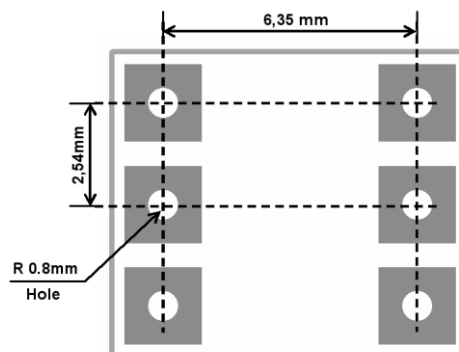
| Edge Detector | |
|---------------------|-------------------------|
| Measurements | 7,62mm x 7,62mm x 6,7mm |
| Working temperature | -40°C...+85°C |
| Working voltage | 3,3V...5,5V |
| Electrical current | 5mA |
| Object's velocity | 10m/s...15m/s |
| Repeat exactness | 10µm |
| Absolute exactness | 100µm |

Layout and connections



| Pin | Description | Pin | Description |
|-------|----------------------|-----|----------------------------|
| VDD | Working voltage | OUT | Control- and Output signal |
| RESET | Reset | GND | Mass |
| B | Voltage photodiode B | | |
| A | Voltage photodiode A | | |

Recommended pad-geometry



Specifications are subject to change without notice.