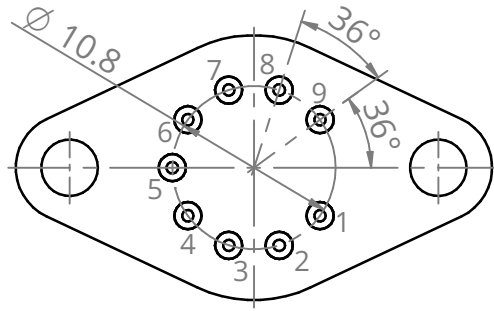
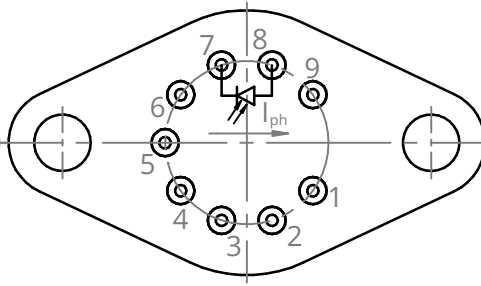


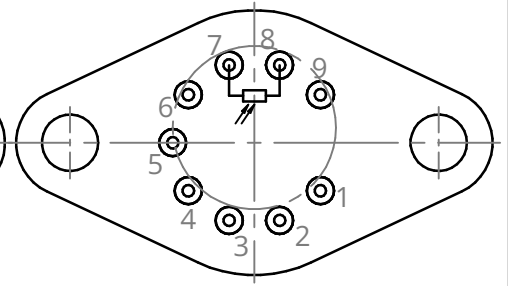
Bottom view



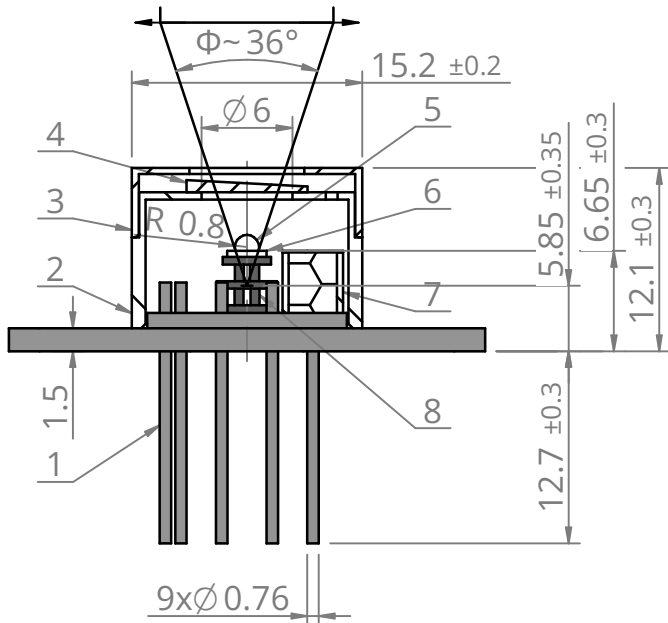
Bottom view  
Photovoltaic



Bottom view  
Photoconductive

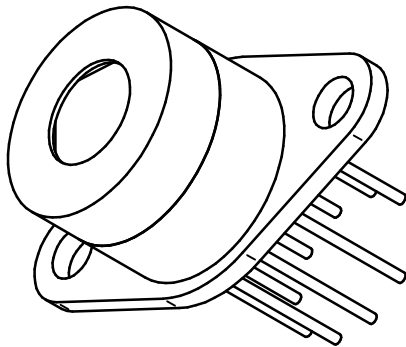
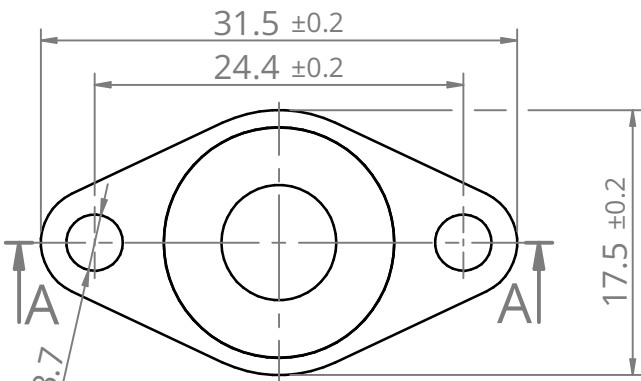


A-A



| Pin No. | Pinout                 |                 |
|---------|------------------------|-----------------|
|         | Photovoltaic           | Photoconductive |
| 1       | TE cooler (+)          | TE cooler (+)   |
| 2       | Not used               | Not used        |
| 3       | Not used               | Not used        |
| 4       | Not used               | Not used        |
| 5       | Thermistor             | Thermistor      |
| 6       | Thermistor             | Thermistor      |
| 7       | Active element cathode | Active element  |
| 8       | Active element anode   | Active element  |
| 9       | TE cooler (-)          | TE cooler (-)   |

Top view



Φ - Acceptance angle

|     |                             |   |
|-----|-----------------------------|---|
| 8   | Thermoelectric cooler       |   |
| 7   | Humidity absorber container | Stainless steel                         |
| 6   | Active element carrier      | Sapphire/Silicon                        |
| 5   | Active element              | HgCdTe/InAs/InAsSb/GaAs                 |
| 4   | Window                      | Al <sub>2</sub> O <sub>3</sub> /ZnSe AR |
| 3   | Detector cap                | Stainless steel                         |
| 2   | Detector case               | Stainless steel                         |
| 1   | TO66 header                 | Gold plated Kovar                       |
| No. | Name                        | Material                                |

FIRST ANGLE  
PROJECTION



UNIT: mm  
GENERAL TOLERANCE:  
ISO 2768-mK

Scale  
2:1

Sheet  
1/1

Size  
A4

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Date

01.03.2024

Drawing No.

ZTM-TO66-Z020

Rev.

10

Title

2TE-TO66(9p)-wW, PVI/PCI detector

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