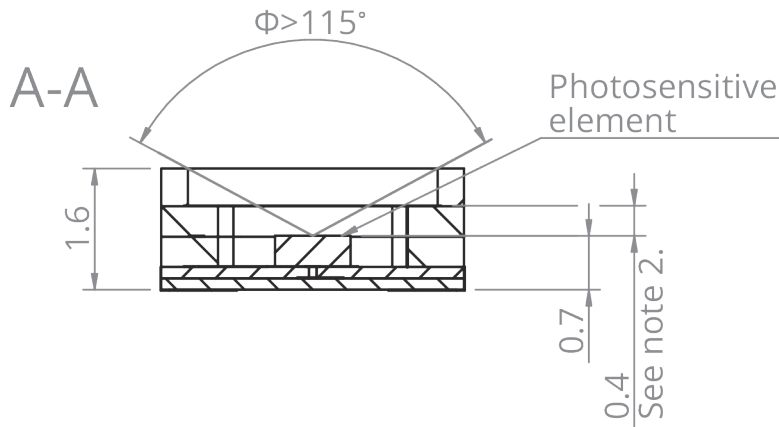
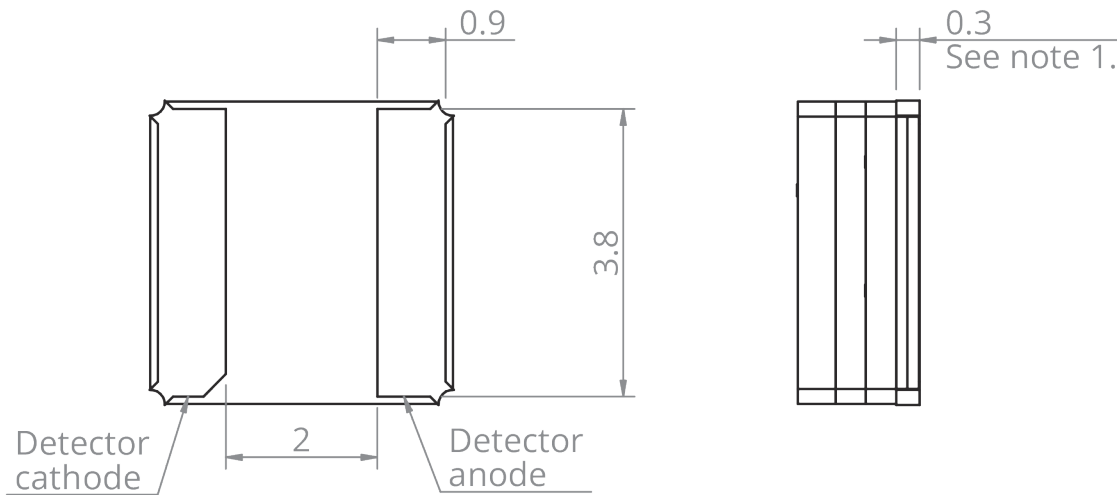
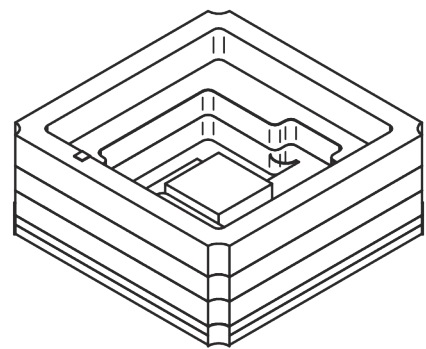
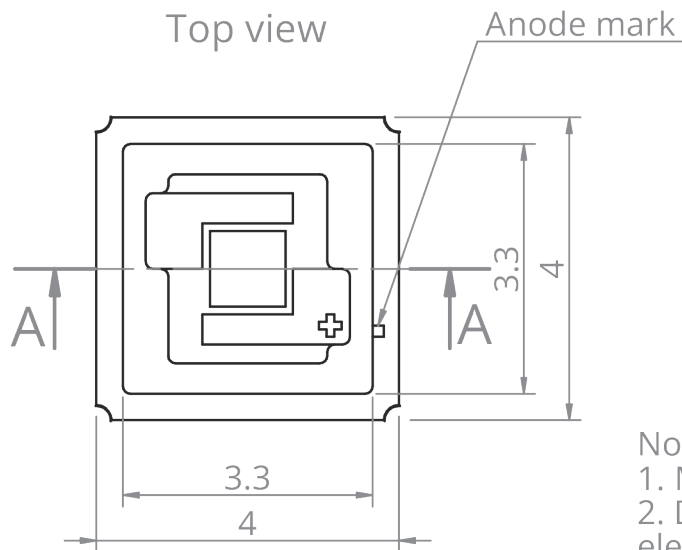


Bottom view



Top view



Notes:

1. Metallization height, only in the corners
2. Distance between the photosensitive element and the window

FIRST ANGLE PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
10:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-SMD-Z171.14

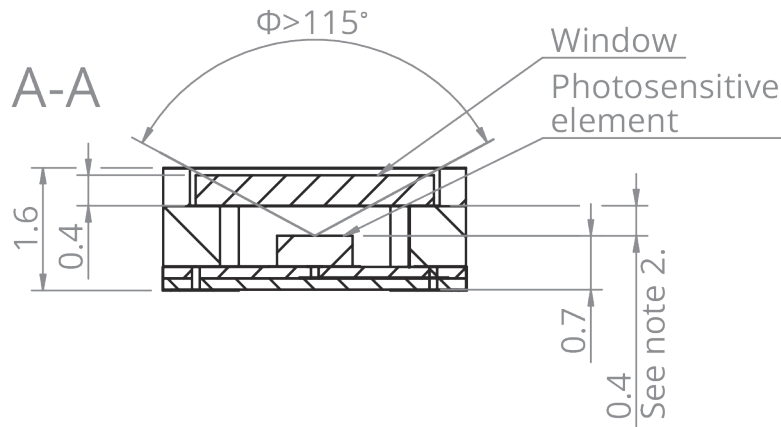
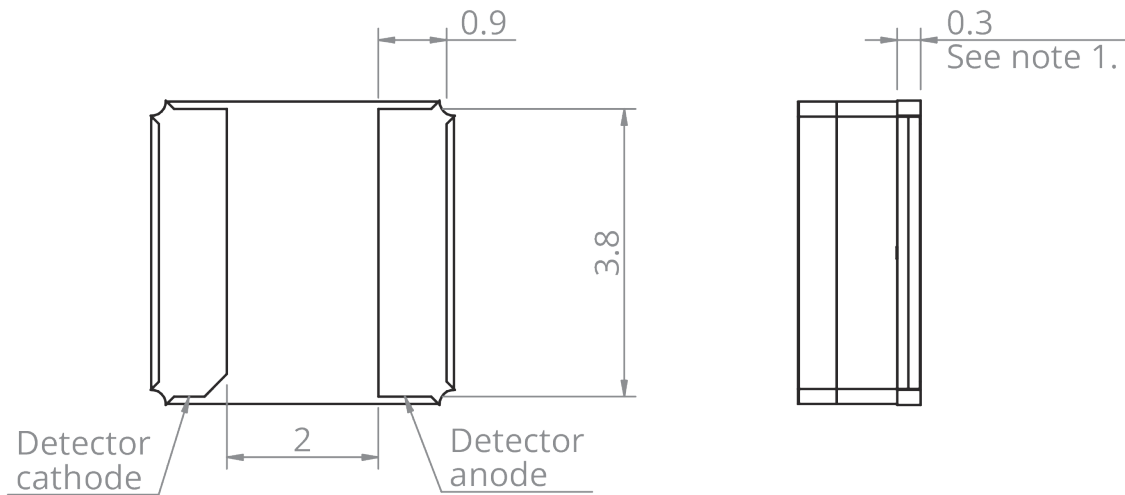
Rev.

1

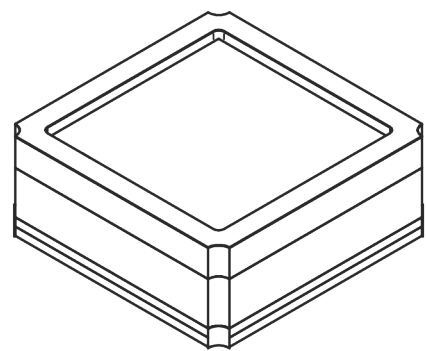
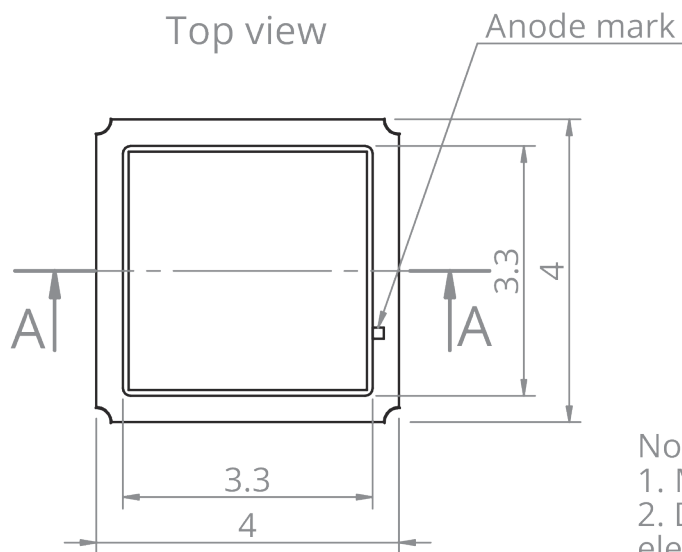
Title

Detector SMD - no immersion v2

Bottom view



Top view



Notes:

1. Metallization height, only in the corners
2. Distance between the photosensitive element and the window

FIRST ANGLE PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
10:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-SMD-Z171.1

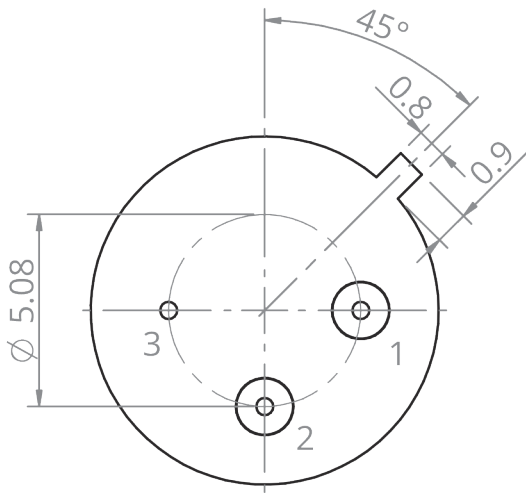
Rev.

2

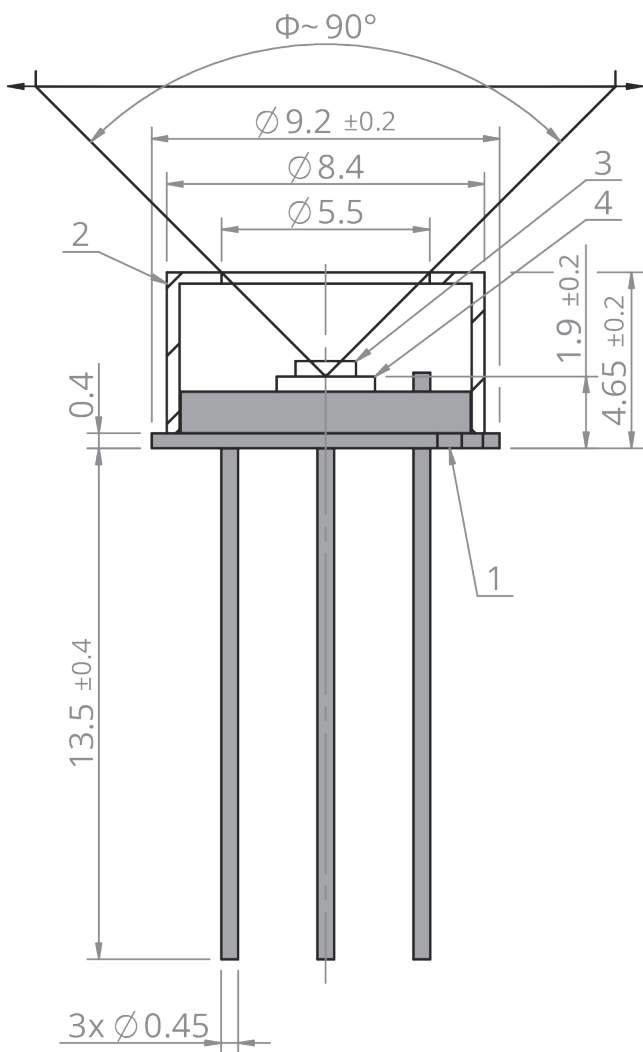
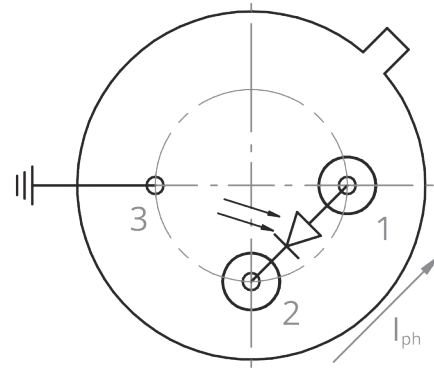
Title

Detector SMD - no immersion

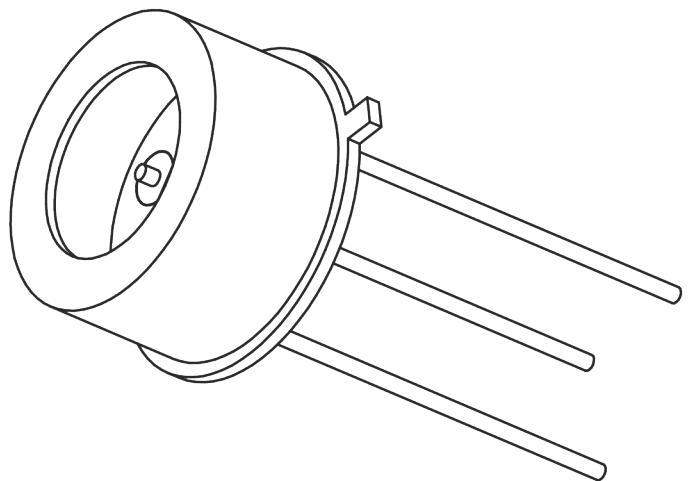
Bottom view



Bottom view
Photovoltaic



| Pinout | |
|---------|------------------|
| Pin No. | Connection |
| 1 | Detector anode |
| 2 | Detector cathode |
| 3 | Chassis ground |



| | | |
|-----|------------------|-------------------------|
| 4 | Detector carrier | Sapphire/Silicon |
| 3 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 2 | Detector cap | Brass |
| 1 | TO39 header | Gold plated Kovar |
| No. | Name | Material |

FIRST ANGLE
PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO39-Z002

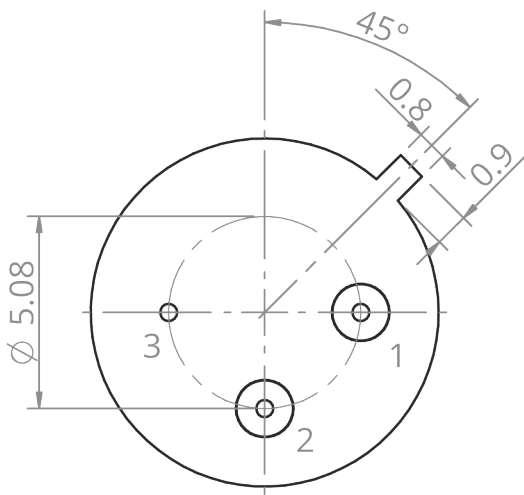
Rev.

7

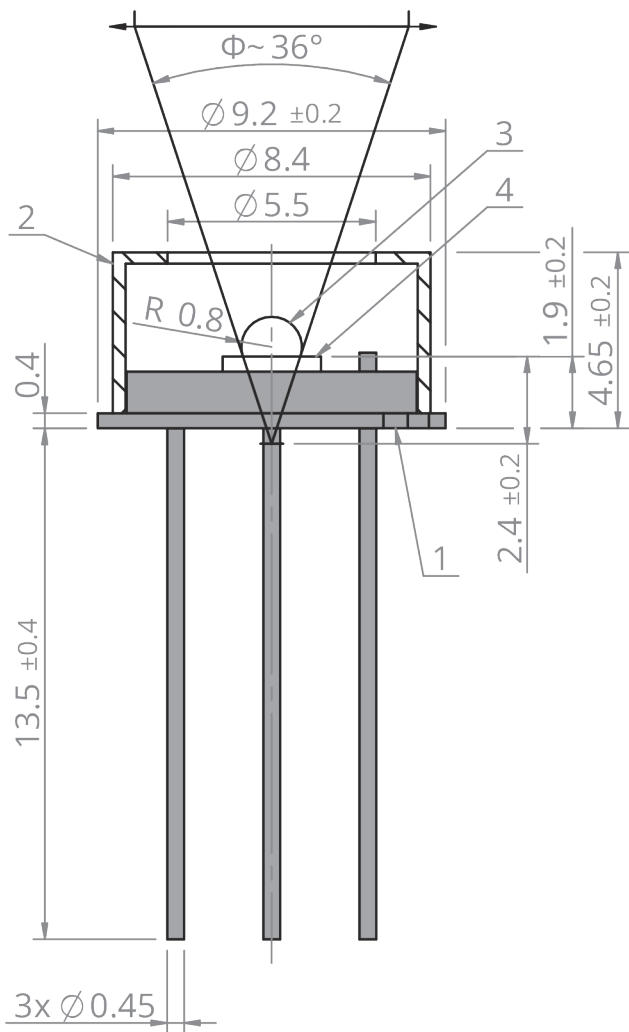
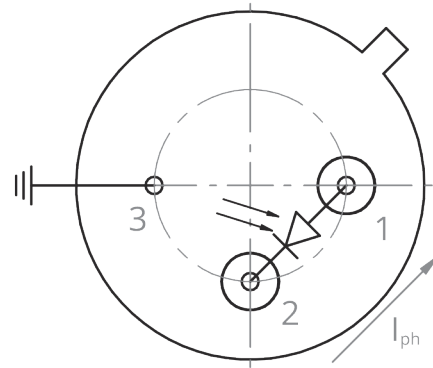
Title

Detector TO39 - no immersion

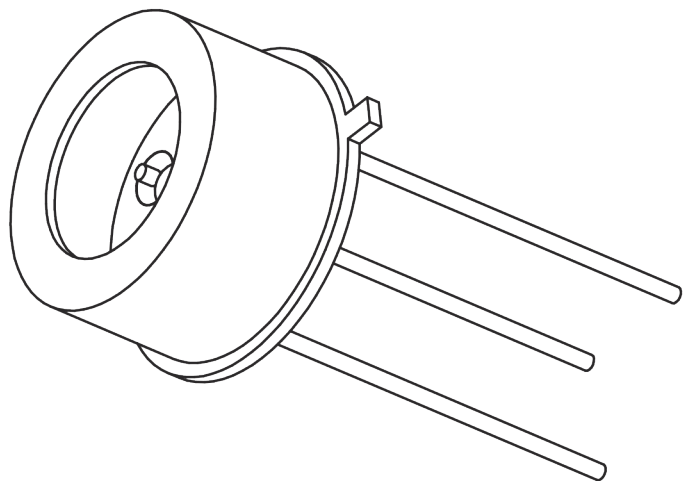
Bottom view



Bottom view
Photovoltaic



| Pinout | |
|---------|------------------|
| Pin No. | Connection |
| 1 | Detector anode |
| 2 | Detector cathode |
| 3 | Chassis ground |



| | | |
|-----|------------------|-------------------------|
| 4 | Detector carrier | Sapphire/Silicon |
| 3 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 2 | Detector cap | Brass |
| 1 | TO39 header | Gold plated Kovar |
| No. | Name | Material |

FIRST ANGLE
PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO39-Z001

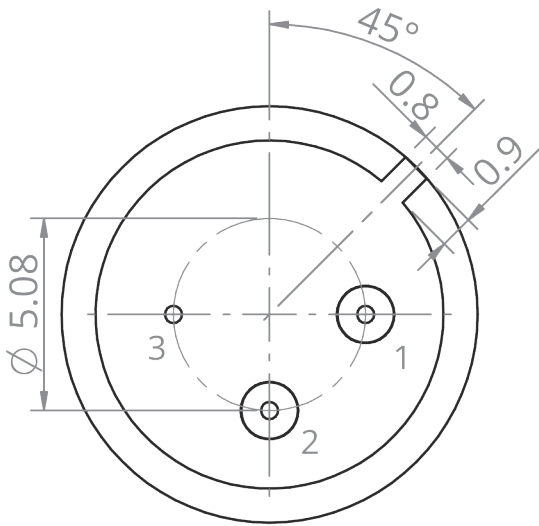
Rev.

8

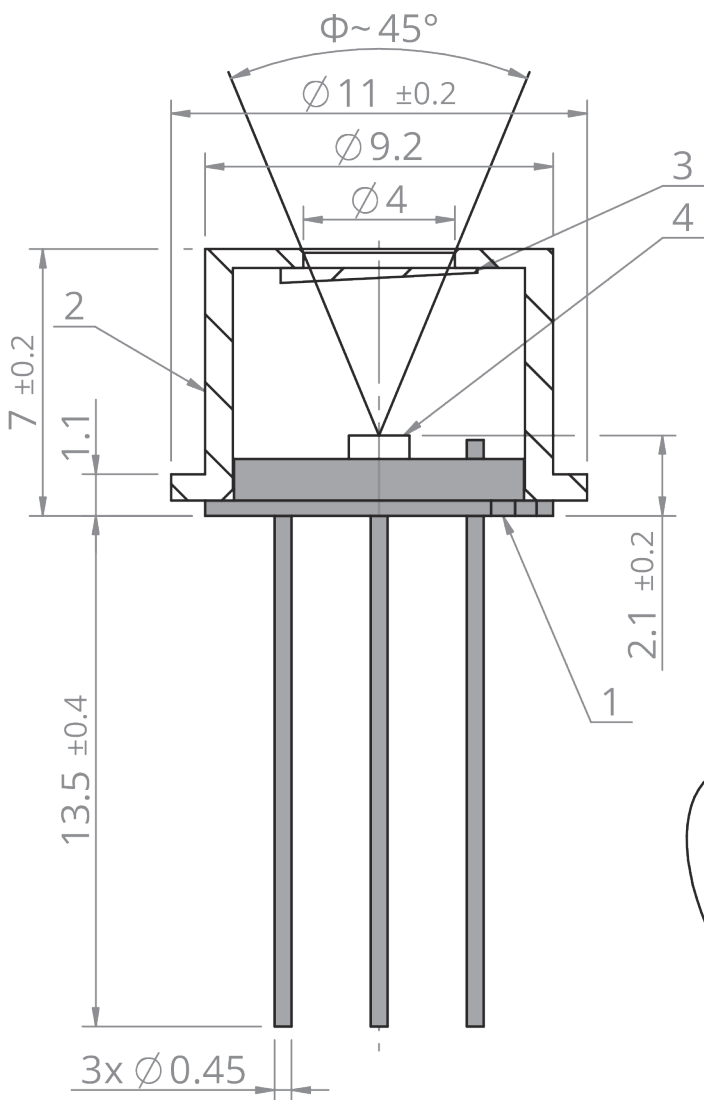
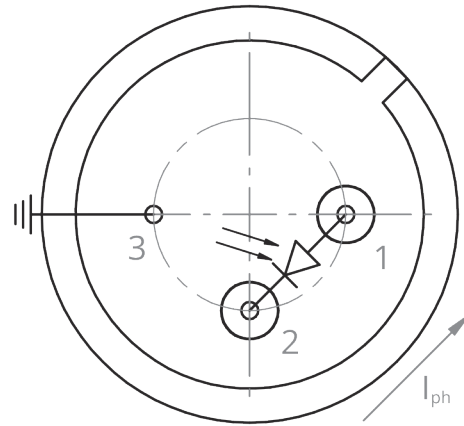
Title

Detector TO39 - immersion

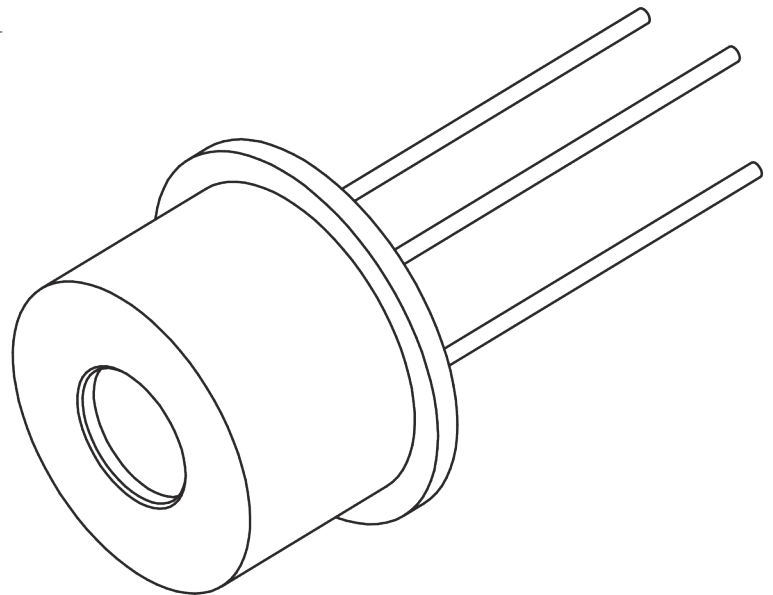
Bottom view



Bottom view
Photovoltaic



| Pinout | |
|---------|------------------|
| Pin No. | Connection |
| 1 | Detector anode |
| 2 | Detector cathode |
| 3 | Ground |



| | | |
|-----|--------------|--------------------------------|
| 4 | Detector | InP/InGaAs |
| 3 | Window | Al ₂ O ₃ |
| 2 | Detector cap | Stainless Steel |
| 1 | TO39 header | Gold plated Kovar |
| No. | Name | Material |



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

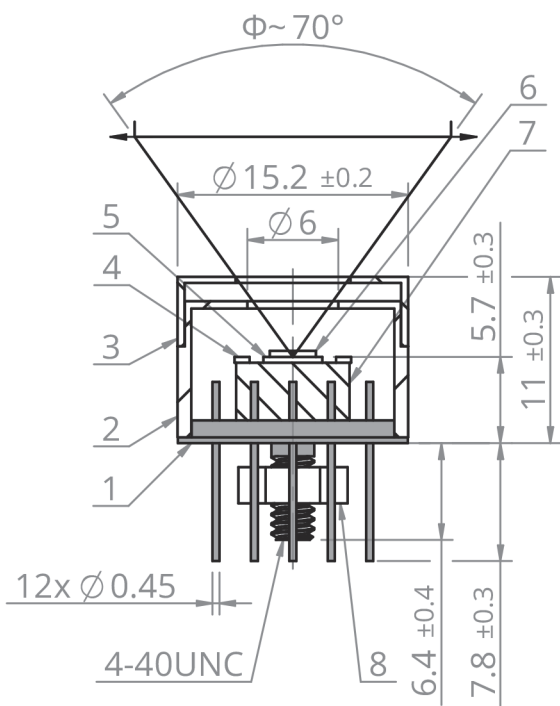
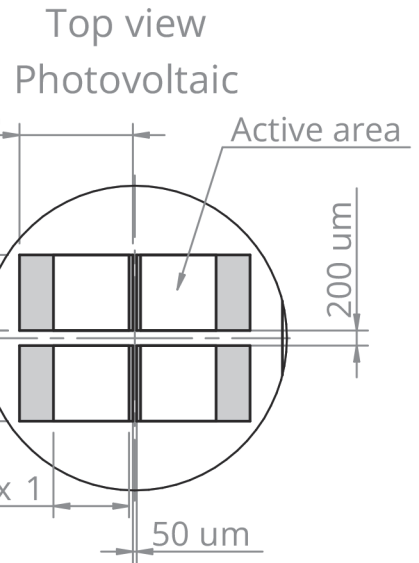
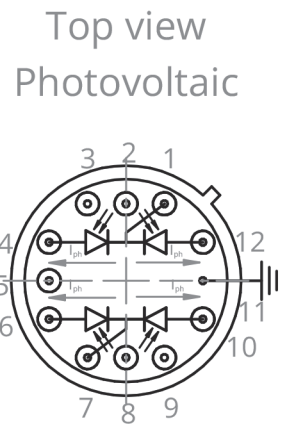
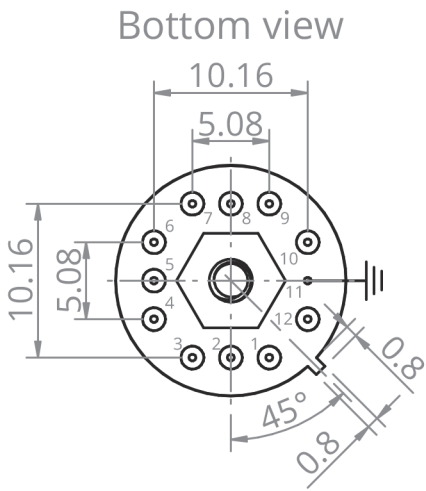
Size
A4

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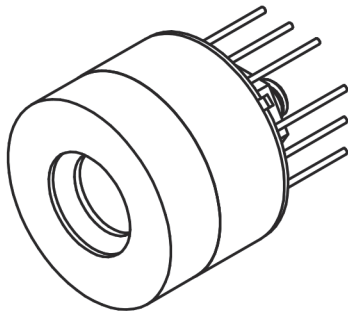
Drawing No.
ZTM-TO39-Z228.1

Rev.
1

Title
Detector TO39 v2 - no immersion



| Pinout | |
|---------|---------------------------|
| Pin No. | Connection |
| 1 | Detectors 1 and 4 cathode |
| 2 | Not used |
| 3 | Not used |
| 4 | Detector 4 anode |
| 5 | Not used |
| 6 | Detector 3 anode |
| 7 | Detectors 2 and 3 cathode |
| 8 | Not used |
| 9 | Not used |
| 10 | Detector 2 anode |
| 11 | Chassis ground |
| 12 | Detector 1 anode |



| | | |
|-----|------------------|-------------------|
| 8 | 4-40 UNC A2 nut | Stainless steel |
| 7 | Distance barrel | MO58 |
| 6 | Detector | HgCdTe/GaAs |
| 5 | Detector carrier | Sapphire/Silicon |
| 4 | Pad | Sapphire |
| 3 | Detector cap | Stainless steel |
| 2 | Detector case | Stainless steel |
| 1 | TO8 header | Gold plated Kovar |
| No. | Name | Material |



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

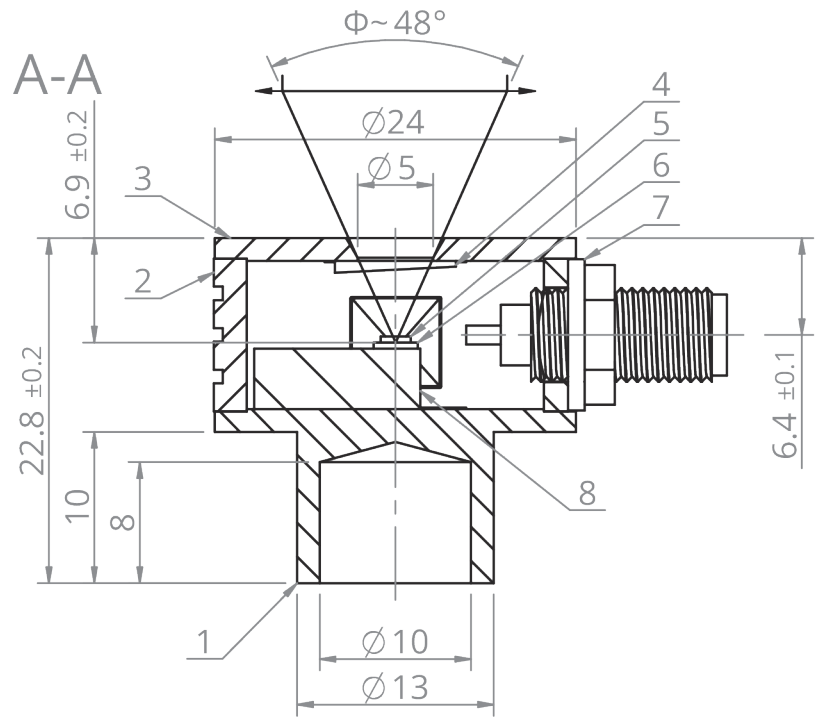
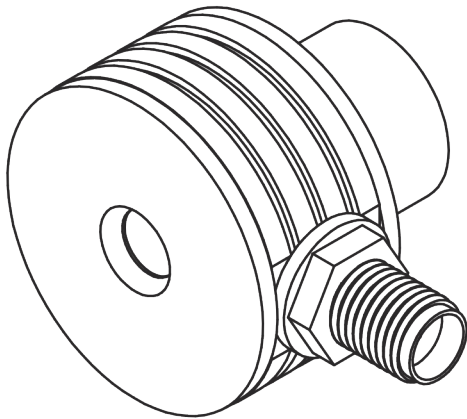
Size
A4

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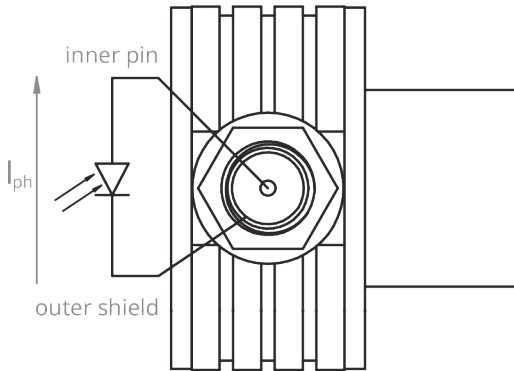
Drawing No.
ZTM-TO8Quad-Z001

Rev.
10

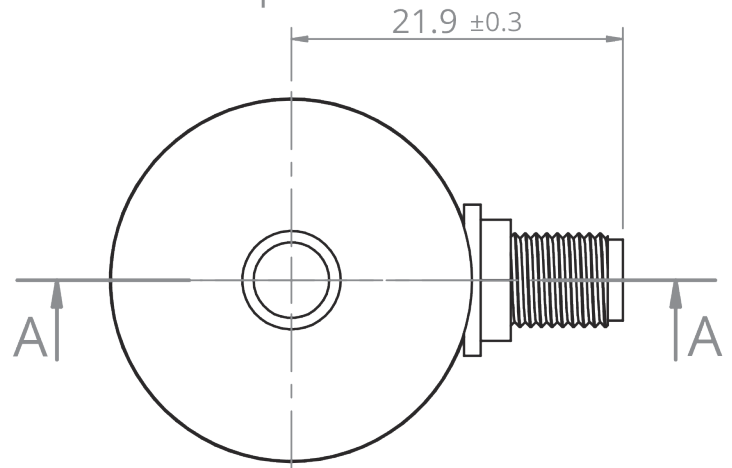
Title
Detector TO8 - Quadrant Photovoltaic



Side view
Photovoltaic



Top view



| Output signal | |
|---------------|------------------|
| Inner pin | Detector anode |
| Outer shield | Detector cathode |

| 8 | Mounting pad | Brass |
|-----|------------------|--------------------------|
| 7 | SMA connector | |
| 6 | Detector carrier | Silicon |
| 5 | Detector | HgCdTe/GaAs |
| 4 | Window | ZnSe AR |
| 3 | PEM lid | Black anodized aluminium |
| 2 | Detector case | Black anodized steel |
| 1 | PEM handle | Black anodized aluminium |
| No. | Name | Material |

FIRST ANGLE
PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-PEM-Z002

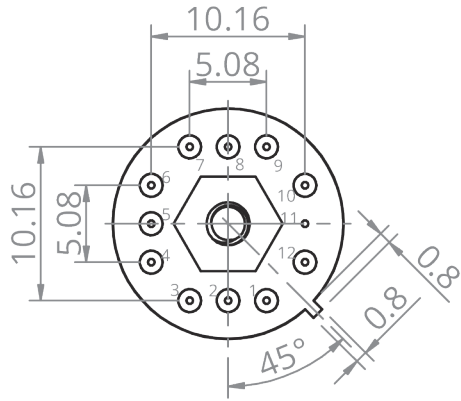
Rev.

5

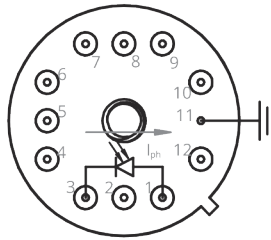
Title

Detector PEM SMA - no immersion

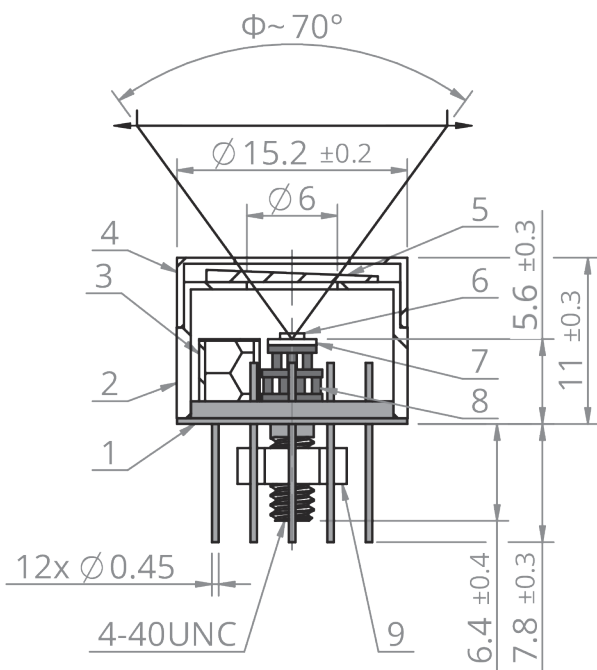
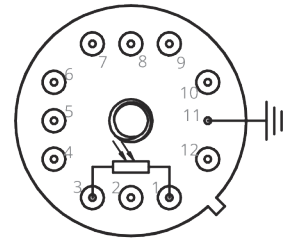
Bottom view



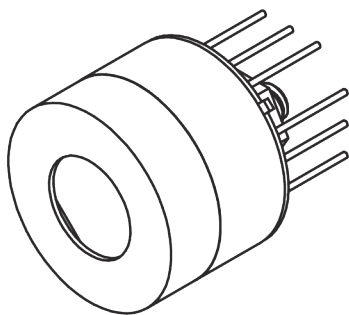
Bottom view
Photovoltaic



Bottom view
Photoconductive



| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Photovoltaic | Photoconductive |
| 1 | Detector anode | Detector |
| 2 | TE cooler (+) | TE cooler (+) |
| 3 | Detector cathode | Detector |
| 4 | Not used | Not used |
| 5 | Not used | Not used |
| 6 | Not used | Not used |
| 7 | Thermistor | Thermistor |
| 8 | TE cooler (-) | TE cooler (-) |
| 9 | Thermistor | Thermistor |
| 10 | Not used | Not used |
| 11 | Chassis ground | Chassis ground |
| 12 | Not used | Not used |



| | | |
|-----|-----------------------------|-----------------------------------------|
| 9 | 4-40 UNC A2 nut | Stainless steel |
| 8 | Thermoelectric cooler | |
| 7 | Detector carrier | Sapphire/Silicon |
| 6 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 5 | Window | Al ₂ O ₃ /ZnSe AR |
| 4 | Detector cap | Stainless steel |
| 3 | Humidity absorber container | Stainless steel |
| 2 | Detector case | Stainless steel |
| 1 | TO8 header | Gold plated Kovar |
| No. | Name | Material |

FIRST ANGLE
PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO8-Z021

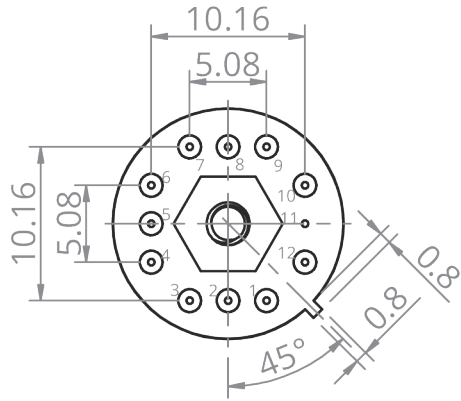
Rev.

8

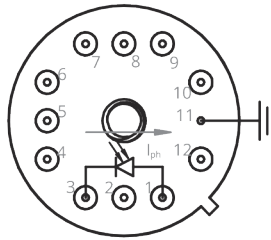
Title

Detector TO8 2TE - no immersion

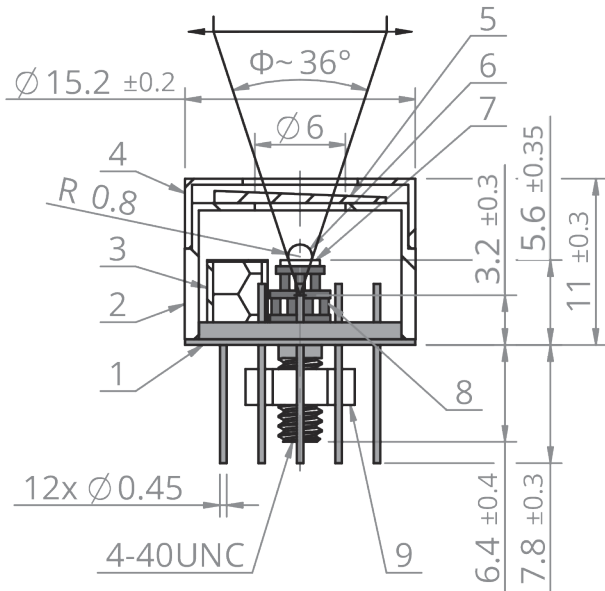
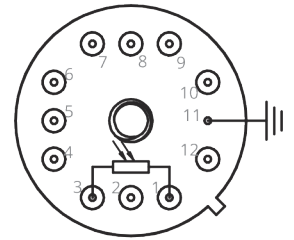
Bottom view



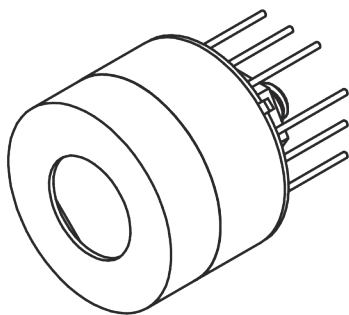
Bottom view
Photovoltaic



Bottom view
Photoconductive



| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Photovoltaic | Photoconductive |
| 1 | Detector anode | Detector |
| 2 | TE cooler (+) | TE cooler (+) |
| 3 | Detector cathode | Detector |
| 4 | Not used | Not used |
| 5 | Not used | Not used |
| 6 | Not used | Not used |
| 7 | Thermistor | Thermistor |
| 8 | TE cooler (-) | TE cooler (-) |
| 9 | Thermistor | Thermistor |
| 10 | Not used | Not used |
| 11 | Chassis ground | Chassis ground |
| 12 | Not used | Not used |



| | | |
|-----|-----------------------------|-----------------------------------------|
| 9 | 4-40 UNC A2 nut | Stainless steel |
| 8 | Thermoelectric cooler | |
| 7 | Detector carrier | Sapphire/Silicon |
| 6 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 5 | Window | Al ₂ O ₃ /ZnSe AR |
| 4 | Detector cap | Stainless steel |
| 3 | Humidity absorber container | Stainless steel |
| 2 | Detector case | Stainless steel |
| 1 | TO8 header | Gold plated Kovar |
| No. | Name | Material |

FIRST ANGLE
PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO8-Z020

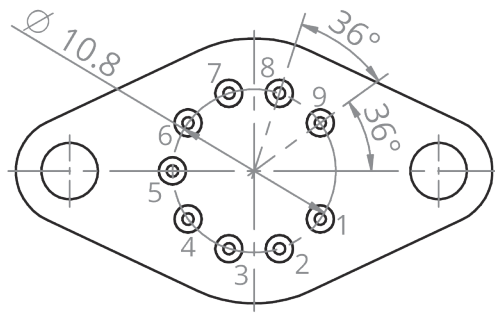
Rev.

8

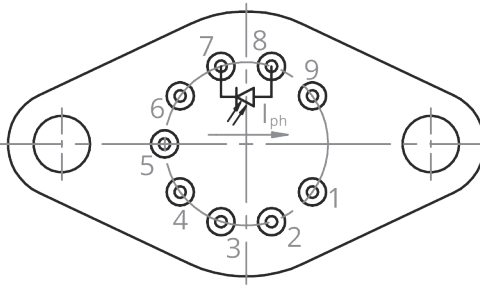
Title

Detector TO8 2TE - immersion

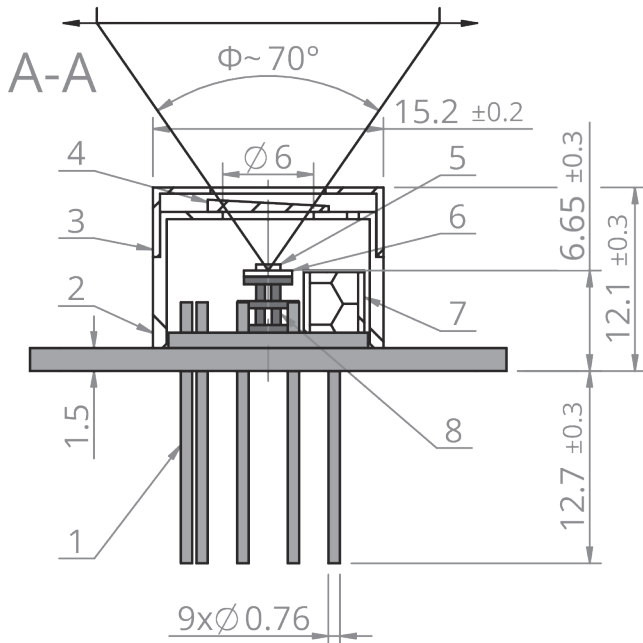
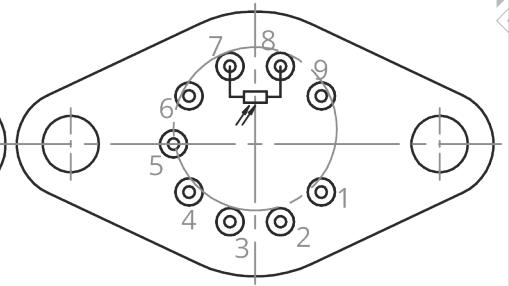
Bottom view



Bottom view
Photovoltaic

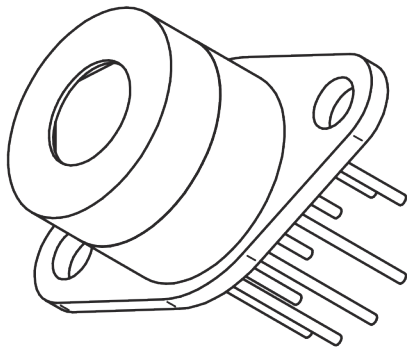
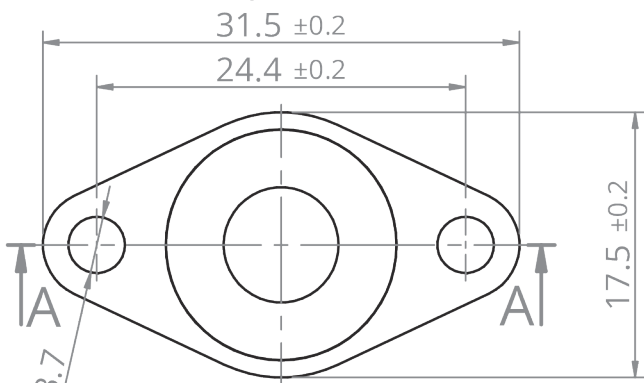


Bottom view
Photoconductive



| Pinout | | |
|---------|------------------|-----------------|
| Pin No. | Connection | |
| | 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 | Detector cathode | Detector |
| 8 | Detector anode | Detector |
| 9 | TE cooler (-) | TE cooler (-) |

Top view



| | | |
|-----|-----------------------------|-------------------------|
| 8 | Thermoelectric cooler | |
| 7 | Humidity absorber container | Stainless steel |
| 6 | Detector carrier | Sapphire/Silicon |
| 5 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 4 | Window | Al2O3/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
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO66-Z041

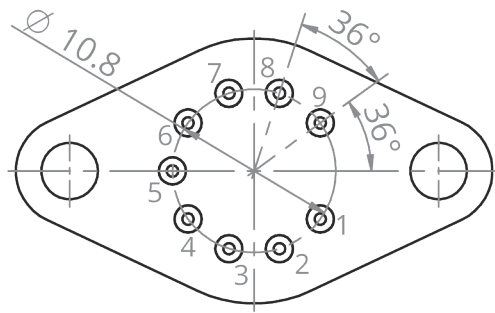
Rev.

7

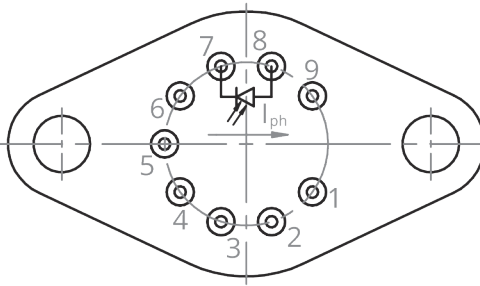
Title

Detector TO66 2TE - no immersion

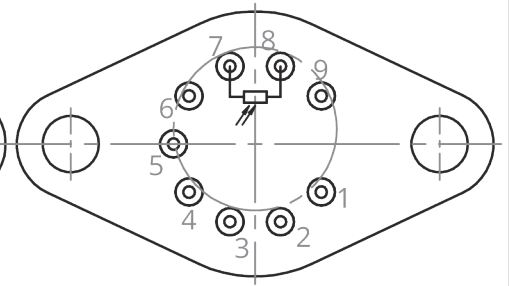
Bottom view



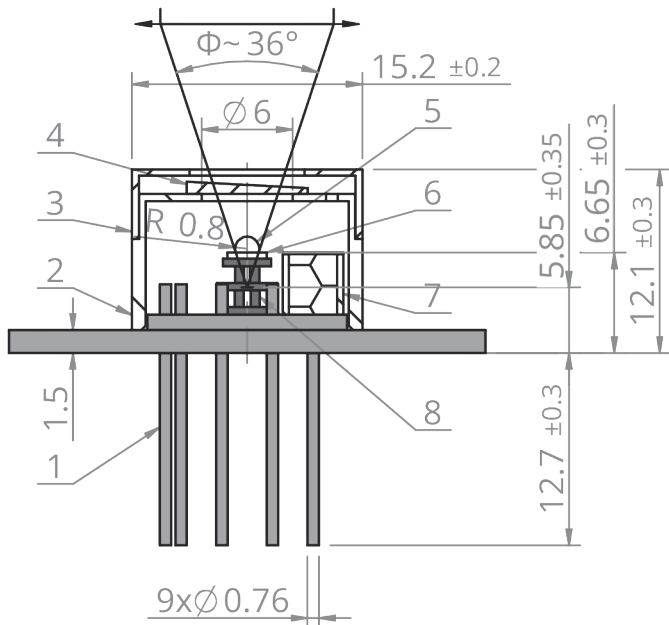
Bottom view
Photovoltaic



Bottom view
Photoconductive

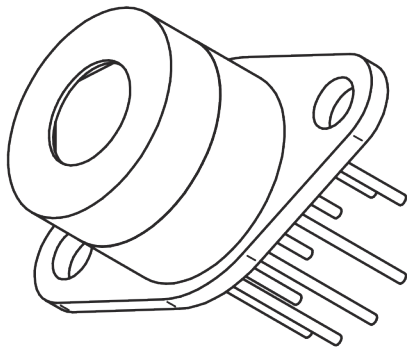
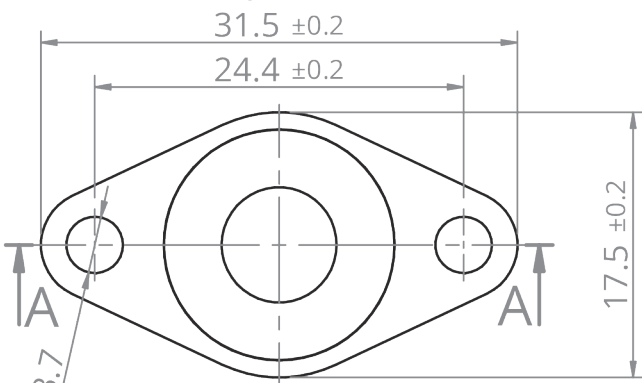


A-A



| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Connection | |
| | 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 | Detector cathode | Detector |
| 8 | Detector anode | Detector |
| 9 | TE cooler (-) | TE cooler (-) |

Top view



| | | |
|-----|-----------------------------|-----------------------------------------|
| 8 | Thermoelectric cooler | |
| 7 | Humidity absorber container | Stainless steel |
| 6 | Detector carrier | Sapphire/Silicon |
| 5 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 4 | Window | Al ₂ O ₃ /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
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO66-Z020

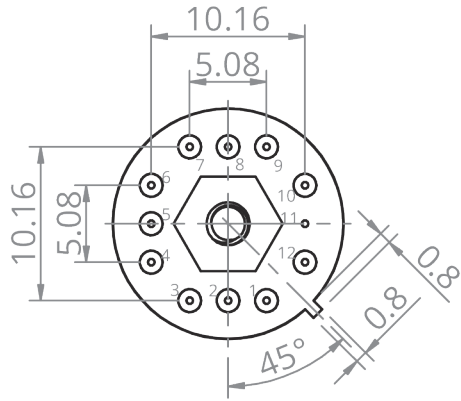
Rev.

9

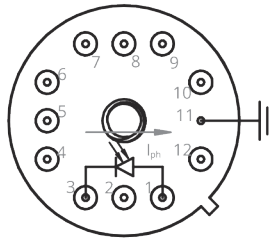
Title

Detector TO66 2TE - immersion

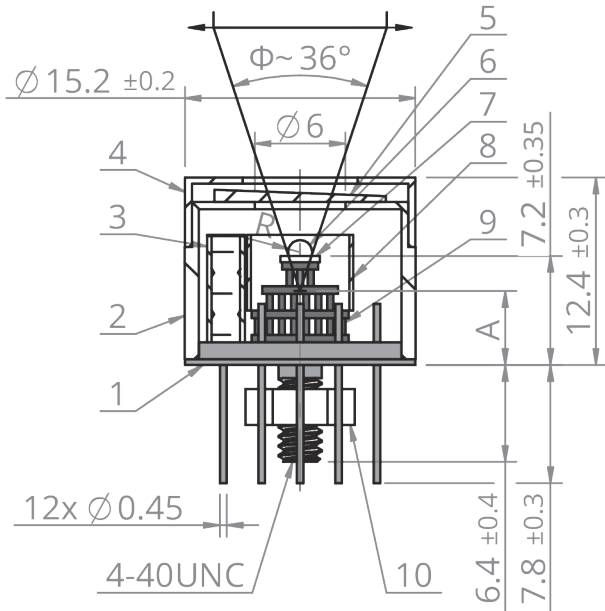
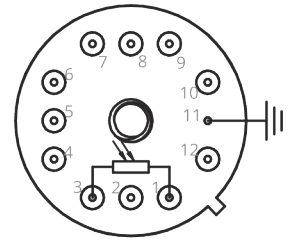
Bottom view



Bottom view
Photovoltaic



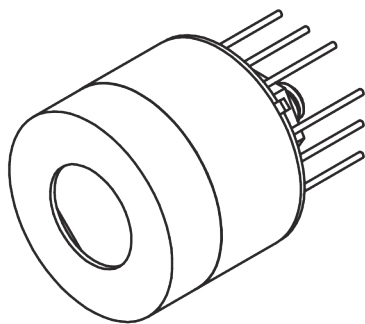
Bottom view
Photoconductive



| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Connection | |
| | Photovoltaic | Photoconductive |
| 1 | Detector anode | Detector |
| 2 | TE cooler (+) | TE cooler (+) |
| 3 | Detector cathode | Detector |
| 4 | Not used | Not used |
| 5 | Not used | Not used |
| 6 | Not used | Not used |
| 7 | Thermistor | Thermistor |
| 8 | TE cooler (-) | TE cooler (-) |
| 9 | Thermistor | Thermistor |
| 10 | Not used | Not used |
| 11 | Chassis ground | Chassis ground |
| 12 | Not used | Not used |

| Immersion lens shape | Hyperhemisphere | |
|------------------------------------------|-----------------|-----------|
| Detector optical area [mm ²] | 0.5x0.5 | 1x1 |
| R [mm] | 0.5 | 0.8 |
| A [mm] | 5.70±0.35 | 4.80±0.35 |

A - Distance from the bottom of the TO8 header to the focal plane



| | | |
|-----|-----------------------------|-----------------------------------------|
| 10 | 4-40 UNC A2 nut | Stainless steel |
| 9 | Thermoelectric cooler | |
| 8 | Anticonvection shield | POM |
| 7 | Detector carrier | Sapphire/Silicon |
| 6 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 5 | Window | Al ₂ O ₃ /ZnSe AR |
| 4 | Detector cap | Stainless steel |
| 3 | Humidity absorber container | Stainless steel |
| 2 | Detector case | Stainless steel |
| 1 | TO8 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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Drawing No.

ZTM-TO8-Z030

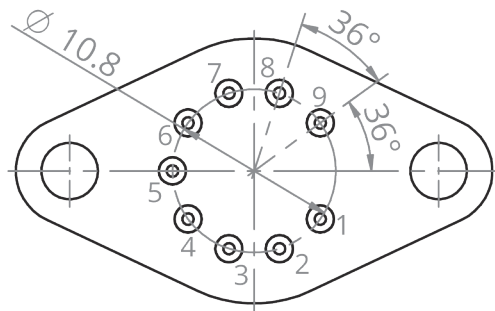
Rev.

8

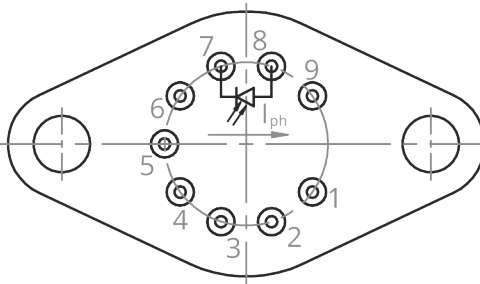
Title

Detector TO8 3TE - immersion

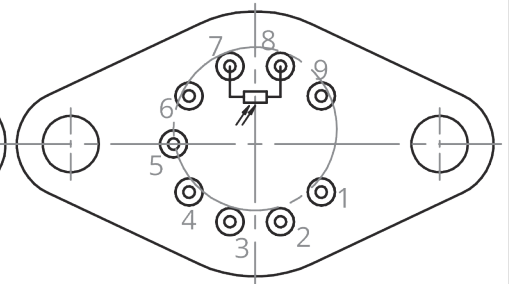
Bottom view



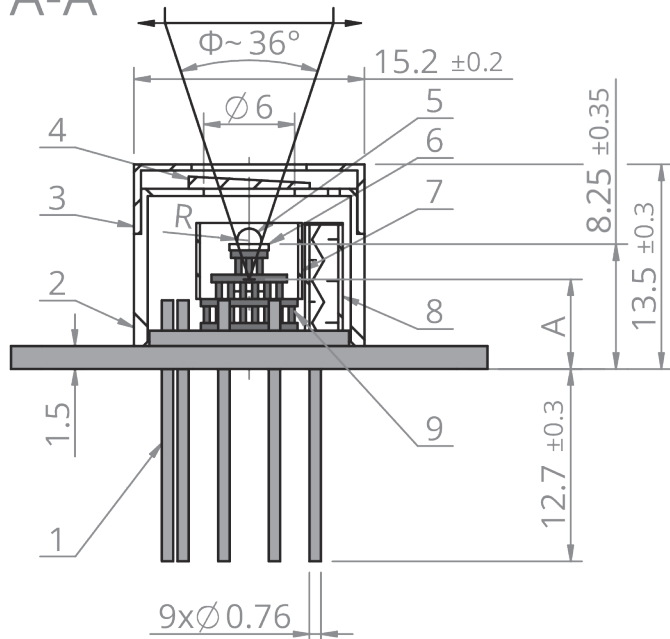
Bottom view
Photovoltaic



Bottom view
Photoconductive

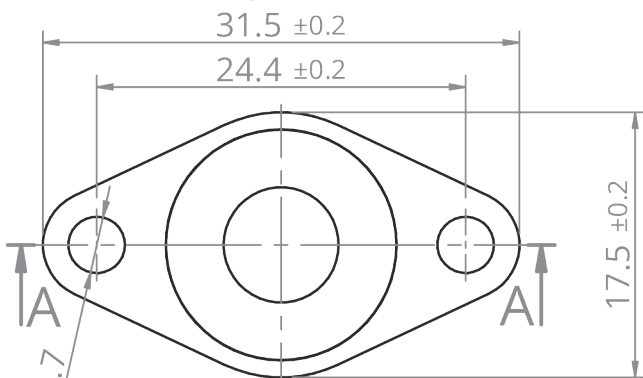


A-A



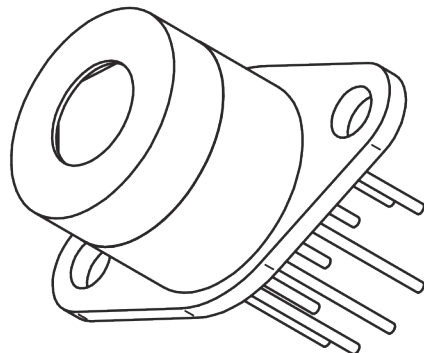
| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Photovoltaic | Photoconductive |
| 1 | TE cooler (+) | TE cooler (+) |
| 2 | Not used | Not used |
| 3 | Not used | Not used |
| 4 | Not used | Not used |
| 5 | Thermistor | Thermistor |
| 6 | Thermistor | Thermistor |
| 7 |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

Top view



| Immersion lens shape | Hyperhemisphere | |
|------------------------------------------|-----------------|-----------|
| Detector optical area [mm ²] | 0.5x0.5 | 1x1 |
| R [mm] | 0.5 | 0.8 |
| A [mm] | 6.75±0.35 | 5.85±0.35 |

A - Distance from the bottom of the TO66 header to the focal plane



| | | |
|-----|-----------------------------|-----------------------------------------|
| 9 | Thermoelectric cooler | |
| 8 | Humidity absorber container | Stainless steel |
| 7 | Anticonvection shield | POM |
| 6 | Detector carrier | Sapphire/Silicon |
| 5 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 4 | Window | Al ₂ O ₃ /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
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO66-Z030

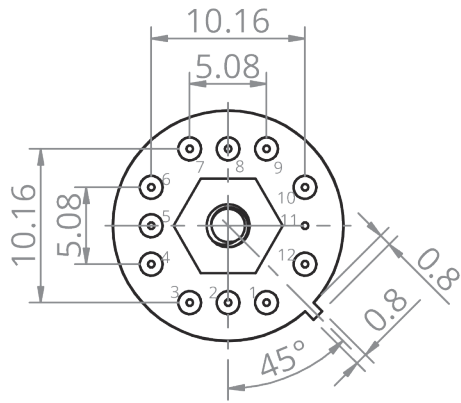
Rev.

8

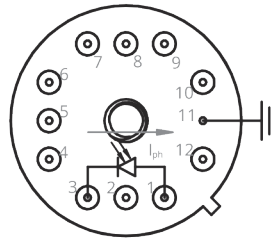
Title

Detector TO66 3TE - immersion

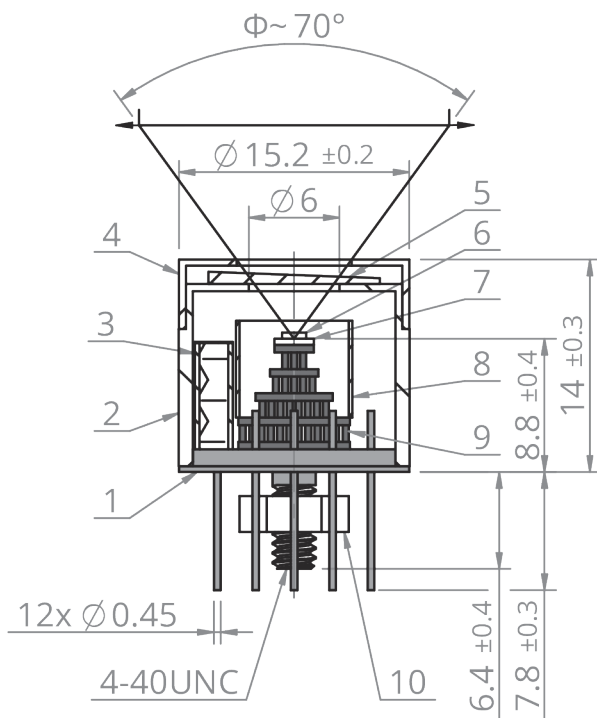
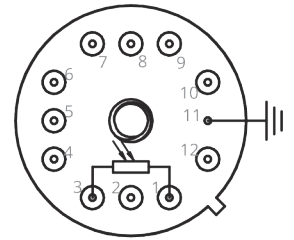
Bottom view



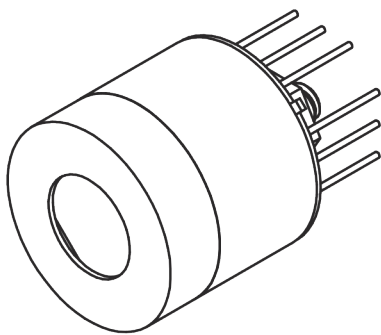
Bottom view
Photovoltaic



Bottom view
Photoconductive



| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Connection | |
| | Photovoltaic | Photoconductive |
| 1 | Detector anode | Detector |
| 2 | TE cooler (+) | TE cooler (+) |
| 3 | Detector cathode | Detector |
| 4 | Not used | Not used |
| 5 | Not used | Not used |
| 6 | Not used | Not used |
| 7 | Thermistor | Thermistor |
| 8 | TE cooler (-) | TE cooler (-) |
| 9 | Thermistor | Thermistor |
| 10 | Not used | Not used |
| 11 | Chassis ground | Chassis ground |
| 12 | Not used | Not used |



| | | |
|-----|-----------------------------|-----------------------------------------|
| 10 | 4-40 UNC A2 nut | Stainless steel |
| 9 | Thermoelectric cooler | |
| 8 | Anticonvection shield | POM |
| 7 | Detector carrier | Sapphire/Silicon |
| 6 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 5 | Window | Al ₂ O ₃ /ZnSe AR |
| 4 | Detector cap | Stainless steel |
| 3 | Humidity absorber container | Stainless steel |
| 2 | Detector case | Stainless steel |
| 1 | TO8 header | Gold plated Kovar |
| No. | Name | Material |

FIRST ANGLE
PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO8-Z041

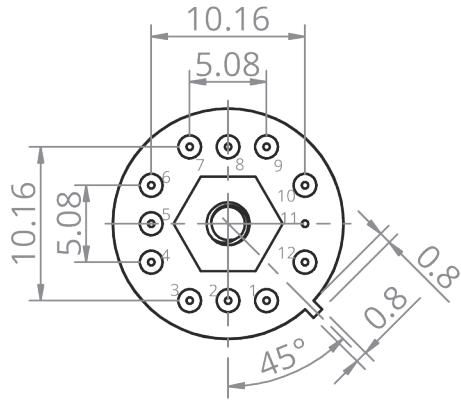
Rev.

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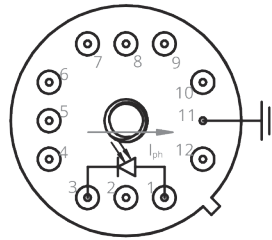
Title

Detector TO8 4TE - no immersion

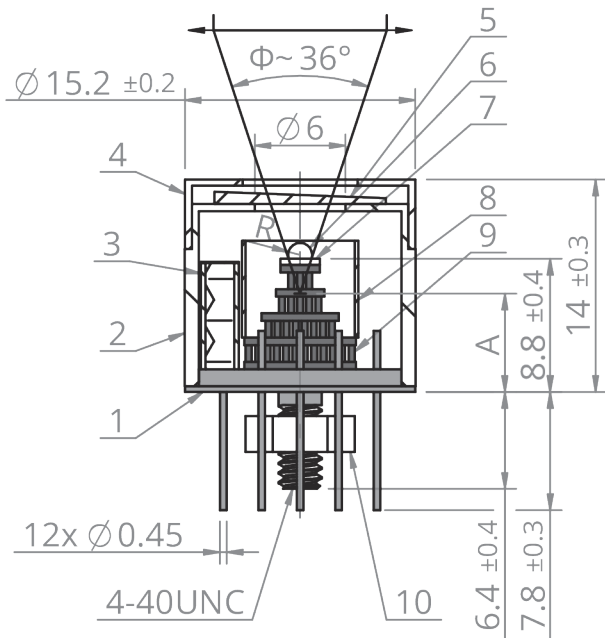
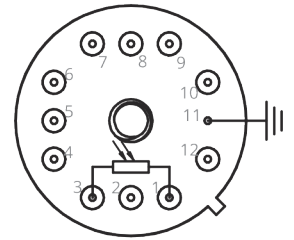
Bottom view



Bottom view
Photovoltaic



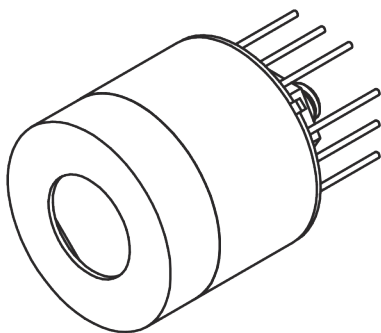
Bottom view
Photoconductive



| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Photovoltaic | Photoconductive |
| 1 | Detector anode | Detector |
| 2 | TE cooler (+) | TE cooler (+) |
| 3 | Detector cathode | Detector |
| 4 | Not used | Not used |
| 5 | Not used | Not used |
| 6 | Not used | Not used |
| 7 | Thermistor | Thermistor |
| 8 | TE cooler (-) | TE cooler (-) |
| 9 | Thermistor | Thermistor |
| 10 | Not used | Not used |
| 11 | Chassis ground | Chassis ground |
| 12 | Not used | Not used |

| Immersion lens shape | Hyperhemisphere | |
|------------------------------------------|-----------------|---------|
| Detector optical area [mm ²] | 0.5x0.5 | 1x1 |
| R [mm] | 0.5 | 0.8 |
| A [mm] | 7.3±0.4 | 6.4±0.4 |

A - Distance from the bottom of the TO8 header to the focal plane



| | | |
|-----|-----------------------------|-----------------------------------------|
| 10 | 4-40 UNC A2 nut | Stainless steel |
| 9 | Thermoelectric cooler | |
| 8 | Anticonvection shield | POM |
| 7 | Detector carrier | Sapphire/Silicon |
| 6 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 5 | Window | Al ₂ O ₃ /ZnSe AR |
| 4 | Detector cap | Stainless steel |
| 3 | Humidity absorber container | Stainless steel |
| 2 | Detector case | Stainless steel |
| 1 | TO8 header | Gold plated Kovar |
| No. | Name | Material |

FIRST ANGLE
PROJECTION



UNIT: mm
GENERAL TOLERANCE:
ISO 2768-mK

Scale
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO8-Z040

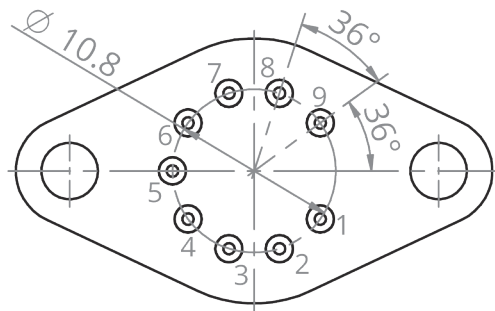
Rev.

8

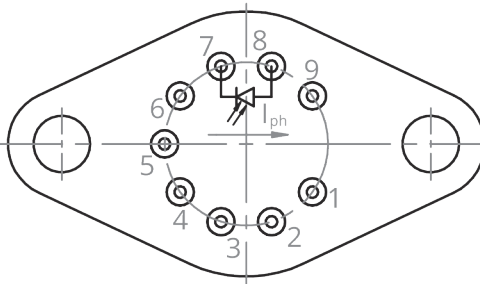
Title

Detector TO8 4TE - immersion

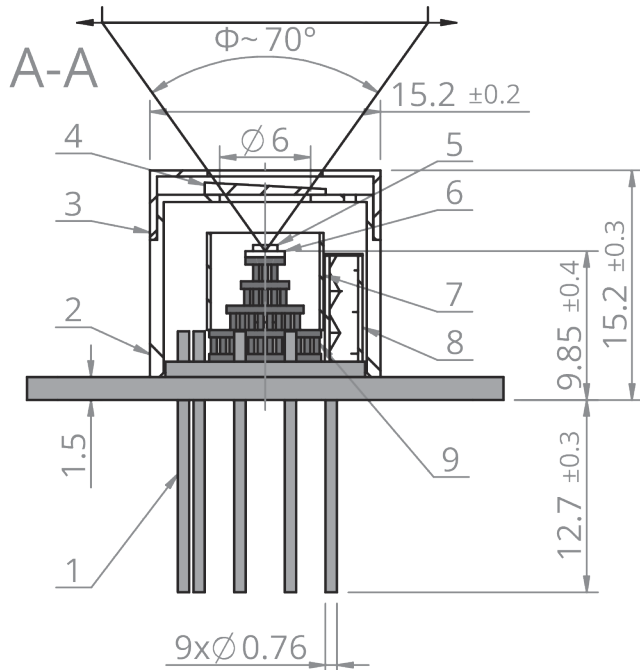
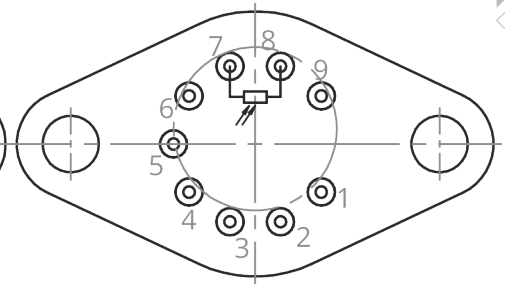
Bottom view



Bottom view
Photovoltaic

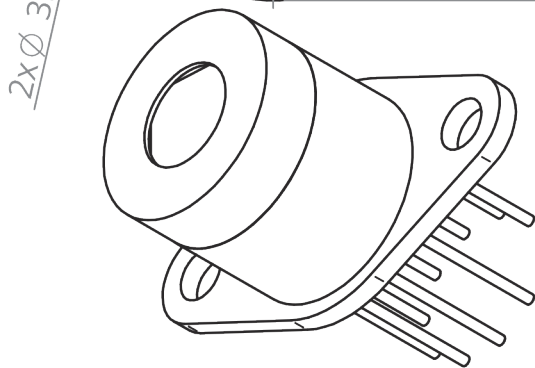
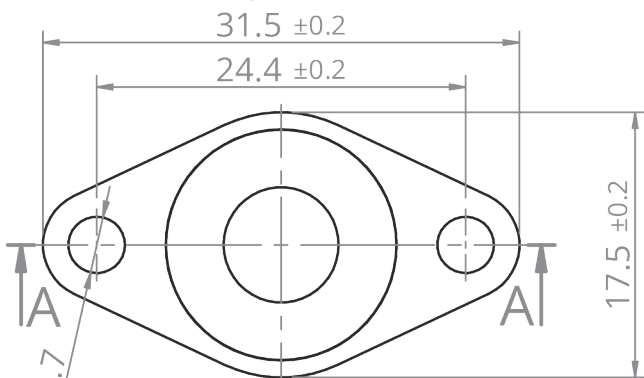


Bottom view
Photoconductive



| Pin No. | Connection | |
|---------|------------------|-----------------|
| | 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 | Detector cathode | Detector |
| 8 | Detector anode | Detector |
| 9 | TE cooler (-) | TE cooler (-) |

Top view



| | | |
|-----|-----------------------------|-------------------------|
| 9 | Thermoelectric cooler | |
| 8 | Humidity absorber container | Stainless steel |
| 7 | Anticonvection shield | POM |
| 6 | Detector carrier | Sapphire/Silicon |
| 5 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 4 | Window | Al2O3/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
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO66-Z041

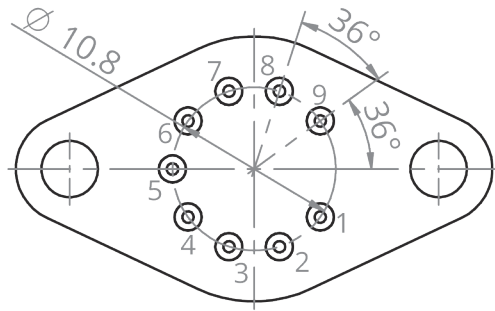
Rev.

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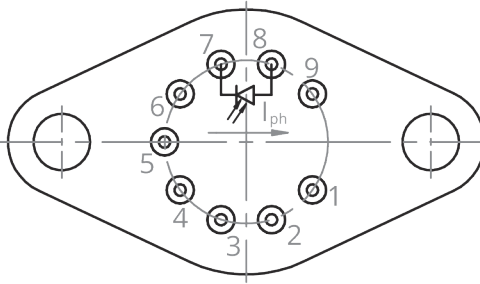
Title

Detector TO66 4TE - no immersion

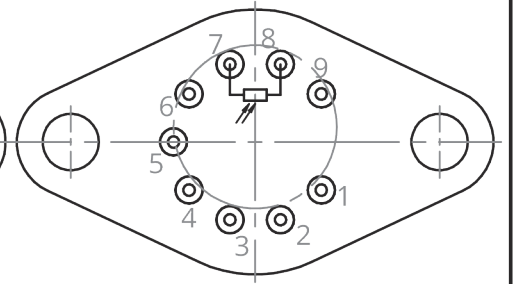
Bottom view



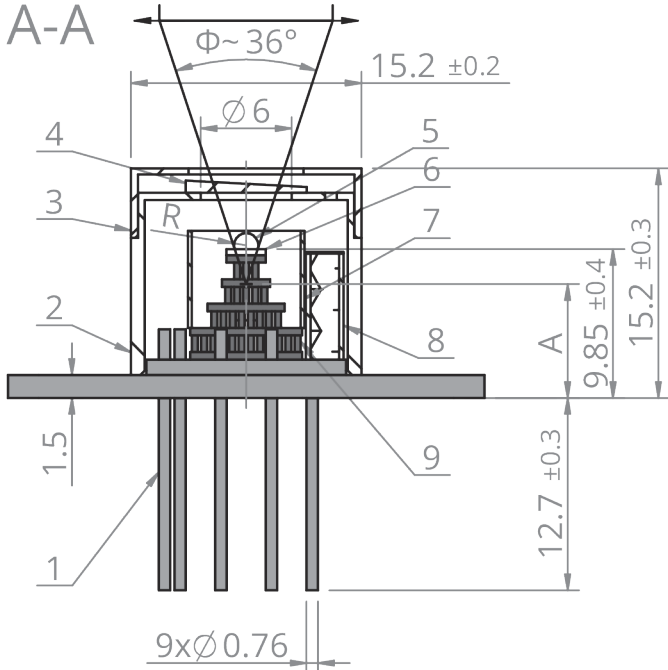
Bottom view
Photovoltaic



Bottom view
Photoconductive

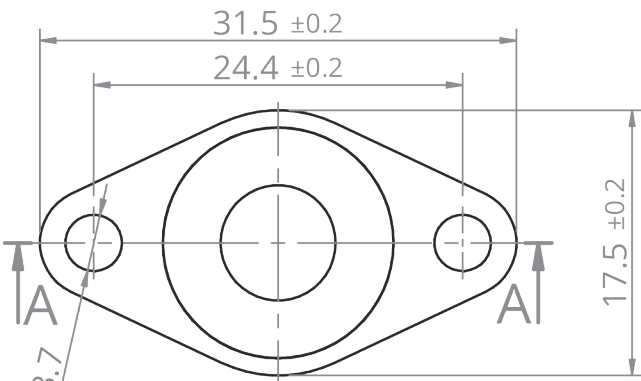


A-A



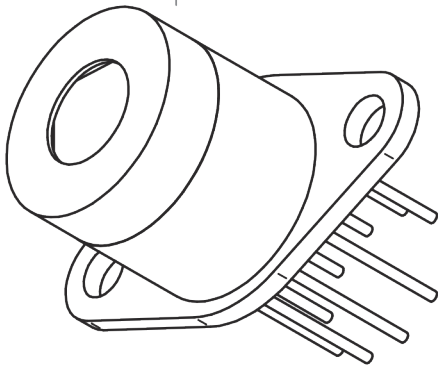
| Pin No. | Pinout | |
|---------|------------------|-----------------|
| | Photovoltaic | Photoconductive |
| 1 | TE cooler (+) | TE cooler (+) |
| 2 | Not used | Not used |
| 3 | Not used | Not used |
| 4 | Not used | Not used |
| 5 | Thermistor | Thermistor |
| 6 | Thermistor | Thermistor |
| 7 |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

Top view



| Immersion lens shape | Hyperhemisphere | |
|------------------------------------------|-----------------|-----------|
| Detector optical area [mm ²] | 0.5x0.5 | 1x1 |
| R [mm] | 0.5 | 0.8 |
| A [mm] | 8.35±0.40 | 7.45±0.40 |

A - Distance from the bottom of the TO66 header to the focal plane



| | | |
|-----|-----------------------------|-----------------------------------------|
| 9 | Thermoelectric cooler | |
| 8 | Humidity absorber container | Stainless steel |
| 7 | Anticonvection shield | POM |
| 6 | Detector carrier | Sapphire/Silicon |
| 5 | Detector | HgCdTe/InAs/InAsSb/GaAs |
| 4 | Window | Al ₂ O ₃ /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
5:1

Sheet
1/1

Size
A4

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Drawing No.

ZTM-TO66-Z040

Rev.

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Title

Detector TO66 4TE - immersion