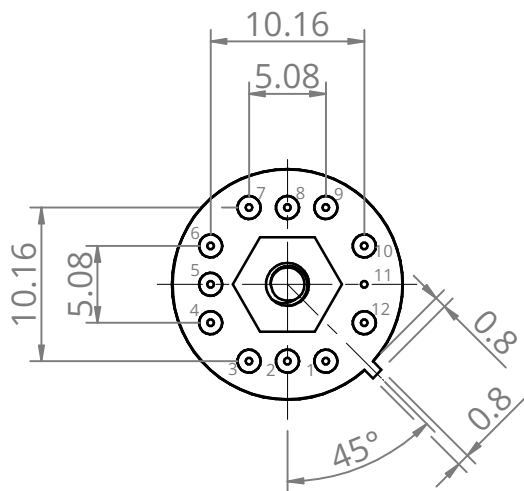
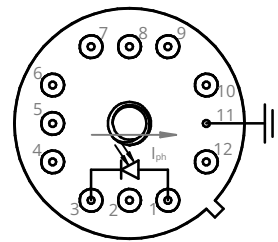
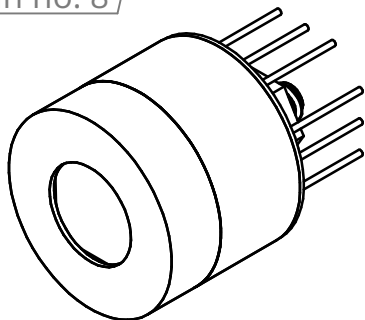
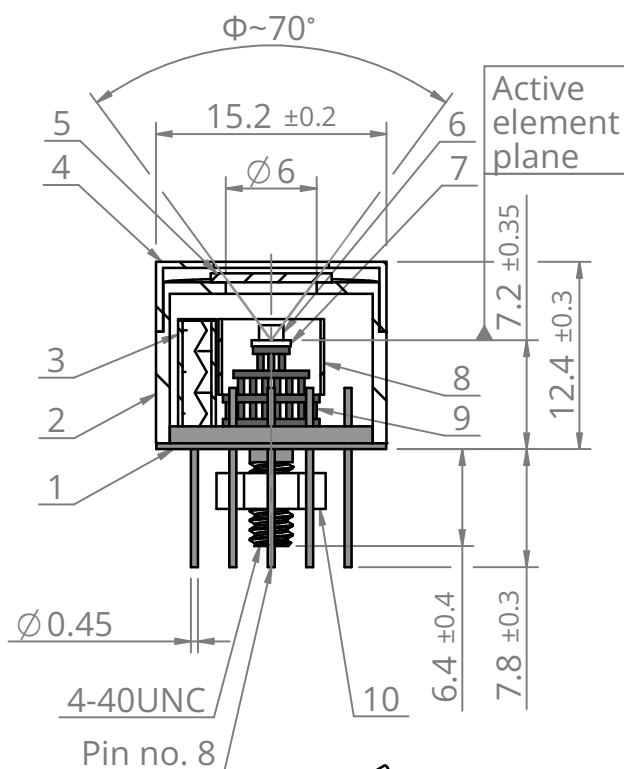


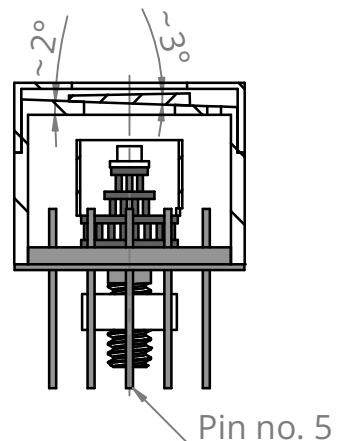
Bottom view

Bottom view
Photovoltaic

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



Rotated 90° view



Φ - Acceptance angle

10	4-40 UNC A2 nut	Stainless steel
9	Thermoelectric cooler	
8	Anticonvection shield	POM
7	Active element carrier	Sapphire/Silicon
6	Active element	InAsSb/GaAs AR
5	Window	Al2O3 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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Date

2.10.2025

Drawing No.

ZTM-PVA-Z031

Rev.

3

Title

3TE-wTO8(12p)-wW, PV-AF detector

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