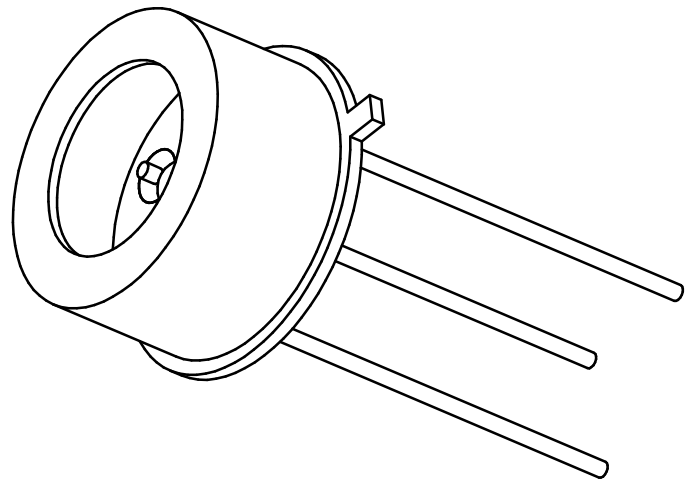


Pinout	
Pin No.	Connection
1	Detector anode
2	Detector cathode
3	Ground

Immersion lens shape	Hyperhemisphere			Without lens
	Detector optical area [mm ²]	0.5x0.5	1x1	2x2
R [mm]	0.5	0.8	1.25	infinity
A [mm]	1.5±0.2	2.4±0.2	3.75±0.20	0
B [mm]	1.9±0.2	1.9±0.2	1.9±0.2	1.9±0.2
Acceptance angle Φ	~36°	~36°	~36°	~90°

A - Distance from the bottom of the immersion lens to the focal plane



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
Date 03.02.2022	Drawing No. ZWP-TO39-Z000	Rev. 14	Weight 3±1	Title Detector TO39

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