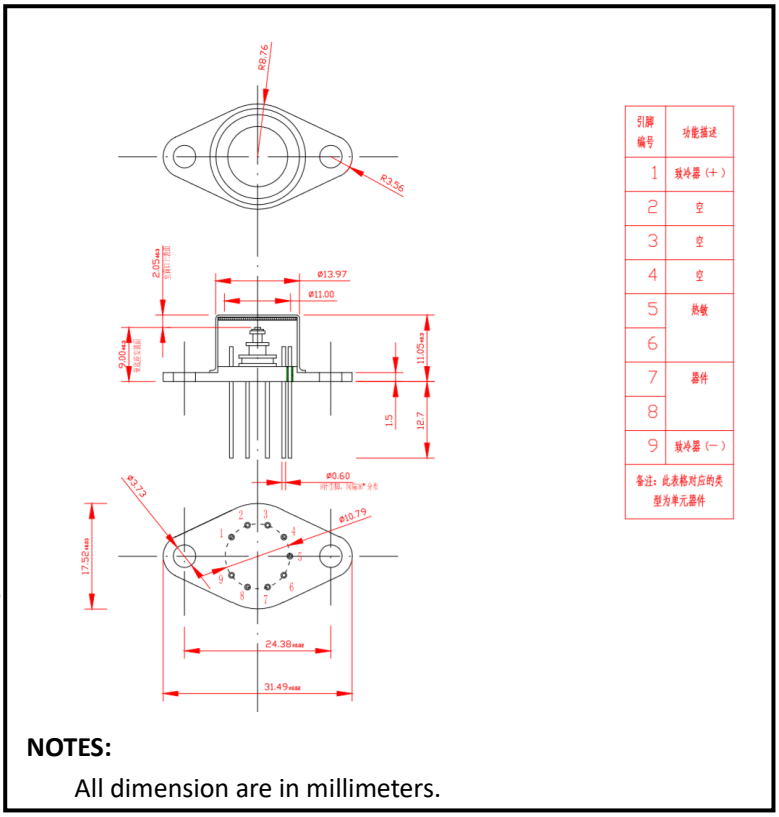
MCT2525-TE3

Mercury Cadmium Telluride

Detector



NOTES:

All dimension are in millimeters.

Description

The MCT2525-TE3 is HgCdTe semiconductor compound Which exhibits “short-wave” (2-5um)detector on 3-stage Thermoelectroically Cooler type.

* Reference P/N: J15TE3:5-66C-S250U (JUDSON)

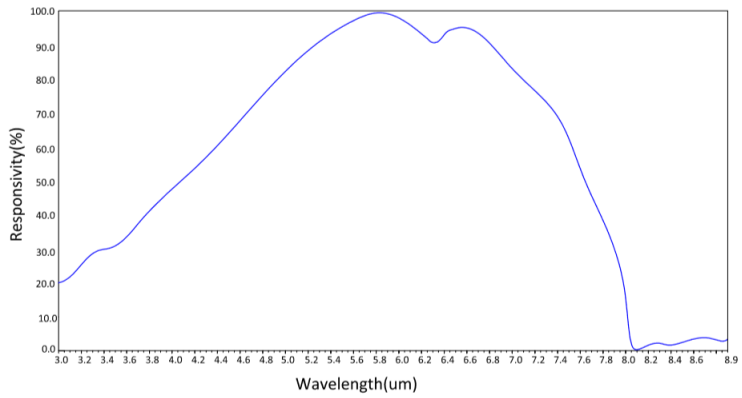
Application

* Infrared bearing temperature detection of the rolling stock

*High temperature and fire detection

Model Number	Active(square) Size (square)	Oper.Temp. Temp.	Cutoff Wavelength [Minimum] (50%)	Peak Wavelength peak	Minimum Blackbody D* (500°K, 1KHz)	Typical Peak D* D* (peak, 1KHz	Typical Responsivity @ peak	Time Constant	Typical Bias Current IB	Packages
MCT2525	0.25	-65°C	>4.7	~4.8	>3.5E09	>1.5E10	>1E04	<1us	0.5-5	TO-66

Detectivity



Information in this technical datasheet is believed to be correct and reliable. However, no responsibility is assumed for possible inaccuracies or omission. Specifications are subject change without notice

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