

Pyroelectric Infrared Detector

Description

Daheng OTF develops and supplies high quality pyroelectric infrared detector, which are widely applied in Gas detector, Flame detector and radiation measurement etc.

Benefits

- Standard TO package
- High sensitivity



Products

Detector Type

Application	Channel	V/CMode	Housing	Window Size (mm)	Element Size(mm)	Thermal Compensation	Power supply	Detectivity
Gas Analyse	1	V	TO5-3pin	Φ3.2	1.8*1.0	no	Single	10.00
Gas Analyse	1	C	TO5-3pin	Φ3.2	1.8*1.0	no	single	10.00
Gas Analyse	1	C	TO5-3pin	Φ3.2	1.8*1.0	yes	single	10.00
Gas Analyse	1	C	TO5-4pin	Φ3.2	2.0*2.0	no	±V	10.00
Gas Analyse	1	C	TO5-4pin	Φ3.2	2.0*2.0	yes	±V	10.00
Gas Analyse	2	V	TO5-4pin	2.4*2.4	1.8*1.0	no	Single	10.00
Gas Analyse	2	C	TO5-4pin	2.4*2.4	1.8*1.0	no	Single	8.50
Gas Analyse	2	C	TO5-4pin	2.4*2.4	1.8*1.0	yes	Single	10.00
Flame Detection	2	C	TO5-3pin	5.0*5.0	1.3*1.3	no	Single	10.00
Radiation	2	C	TO5-3pin	5.0*5.0	1.3*1.3	no	Single	10.00
Flame Detection	2	C	TO5-3pin	5.0*5.0	1.3*1.3	no	Single	10.00
Radiation	2	C	TO5-3pin	5.0*5.0	1.3*1.3	no	Single	10.00

Filter Type

Gas Analyses

Application	CO	CO2	C-12/C-13	CH	CH4	Reference	Reference
CWL	4600nm	4260nm	4450nm	3330nm	3400nm	3950nm	3950nm
HBP(nm)	138	180	60	160	140	110	160

Flame Detection

CWL	3800nm	4300nm	5000nm	IR Fused Silica
HBP(nm)	180	220	240	0-5000