

QS5-IF

금속 코팅 적용된 하이브리드형 초전기 센서. 높은 응답률.



주요 특징

BROAD SPECTRAL RESPONSE

From 0.1 to 1000 μm

4 FAMILIES OF PRODUCTS TO CHOOSE FROM:

- QS-L: discrete pyro detectors, low noise level
- QS-H: discrete pyro detectors, high average power
- QS-IF: hybrid pyro detectors, current mode, fast response
- QS-IL: hybrid pyro detectors, current mode, low noise level

EASY TO INTEGRATE FORMAT

TO5 and TO8 packages make the QS-H detectors small and easy to integrate in an existing system.

LARGE AREA SENSORS

5 mm and 9 mm diameter pyroelectric sensors make optical alignment easier.

SEVERAL IR WINDOWS IN OPTION

- Quartz: 0.2 – 3.5 μm
- Barium fluoride: 0.2 – 17.5 μm
- Sapphire: 0.1 – 7.0 μm
- Silicon: 1.2 – 9.0 μm and 22 – 100 μm
- AR germanium: 1.8 – 23 μm (10.6 μm peak)

사양

계측 성능	
최대 평균 파워	50 mW
등가노이즈파워(NEP) ¹	160 nW
스펙트럼 범위	0.1 - 1000 μm
전류 응답성	0.25 $\mu\text{A/W}$
열 주파수	0.5 Hz
전압 반응성 ²	25 V/W
피드백 저항기	100 M Ω
공급 전압	$\pm 12\text{ V}$
1. 630nm, 5Hz, 1Hz의 대역폭 2. 630 nm, 15 Hz	
물리적 특성	
구경 지름	5 mm
업소버	MT
치수	9.1 \varnothing x 6.4D mm
중량	0.001 kg
패키지	TO5

ORDERING INFORMATION

QS5-IF	201682
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INTERESTED IN THIS PRODUCT?

견적받기

Find your local sales representative at gentec-eo.com/contact-us