

Features

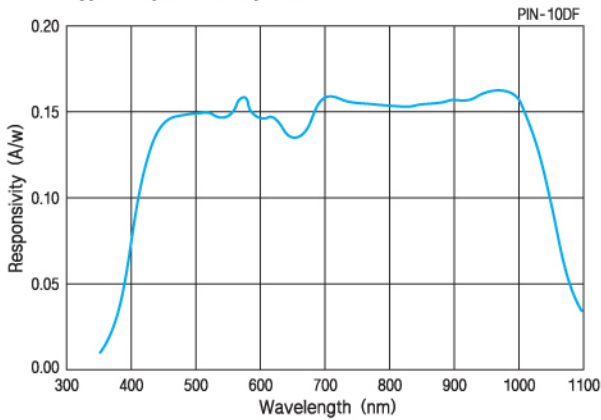
- CIE Match (AP series)
- Flat Band Response (DF)
- 254 Narrow Bandpass
- w/ Amplifier Hybrid
- BNC Packages

Applications

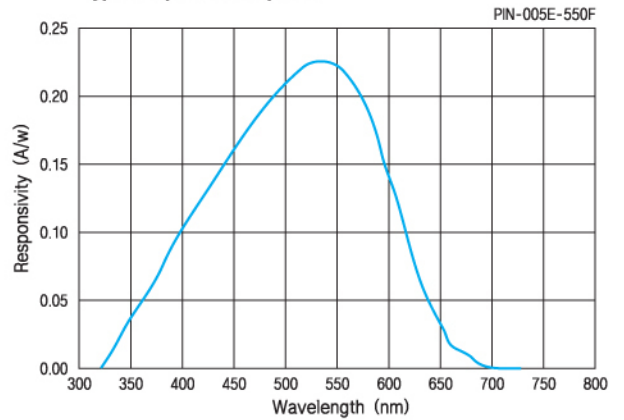
- Analytical Chemistry
- Spectrophotometry
- Densitometers
- Photometry/Radiometry
- Spectroradiometry
- Medical Instrumentation
- Liquid Chromatography



Typical Spectral Response



Typical Spectral Response



Model Number	Active Area		Spectral Match	Responsivity at 550nm		Capacitance (pF)	Shunt Resistance (MΩ)	NEP (W/√Hz)	Rise Time (μs)	Temp.** Range (°C)		Package Style
	Area (mm ²)	Dimensions (mm)	λP (nm)	(A/W)	mA/Lum	0 V	-10 mV	-10mV 550nm	0V 550nm 50Ω	Operating	Storage	
			typ.	typ.		typ.	typ.	typ.	typ.			

Detector Filter Combination Series

PIN-10DF	100	11.28 Ø	±7% ⁽¹⁾	0.15	-	1500	20	1.9e-13	1.0	0 ~ +70	-25 ~ +85	BNC
PIN-10AP			4%***	0.27	0.4			1.1e-13	0.15			Special
PIN-555AP ⁽²⁾			±2% ⁽¹⁾									
PIN-005E-550F	5.7	2.4 sq.	-	0.23	-	200	500	2.5e-14	0.1*	0 ~ +70	-25 ~ +85	TO-5
PIN-005D-254F			0.025*	100	300	3.0e-13*	TO-5					

(1) Point by point from 450nm to 950nm

(2) PIN-555AP is a Detector / Operational Amplifier hybrid. For Op-Amp specifications.

* λ = 254nm

** Non-condensing temperature and storage range, Non-condensing environment.

*** Area within CIE Curve