

7ID2 series Silicon (Si) Detectors



Characteristic

- Detector chamber with a design of standard installation size, It can be matched with related products produced by our company .
- Hamamatsu component imported from Japan is adopted on 7ID219

Technical Specifications

Active Area	100(10×10) mm ²
wavelength Range	190-1100 nm
Peak Wavelength	960 nm
Peak Response.	0.5 A/W
200nm Response	0.1-0.12 A/W
Response Time	3μs
Working Temperature	-20~+60℃
Store Temperature	-20~+80℃
Shunt Resistance R _{SH}	200(>50) MΩ
Noise equivalent power NEP	1.8×10 ⁻¹⁴ W/√Hz
Dark Current (25℃; -1V)	2×10 ⁻¹⁰ A
Terminal Capacitance	1100 pf (V _R =0V,f=10KHz)
Weight	0.18kg