Low Input Optical Power Series Optical Receiver Assembly (PIN-FET)

Detectors

This PIN-FET receiver is intended for low optical input levels. The responsivity option sets the available transimpedance and linear input range.



Technical specifications

Linear responsivity specifications	A8 / 72 / 36 / 18
Linear responsivity (V/W)	1.08 / 0.72 / 0.36 / 0.18
Minimum optical power in linear range (µW)	≤0.02 / ≤0.03 / ≤0.05 / ≤0.1
Linear saturation optical power (µW)	≥2 / ≥4 / ≥8 / ≥16
Linearity (%)	±3
Transimpedance (kΩ)	1200 / 800 / 400 / 200
Package dimensions (mm)	8pins 13.5×12.7×4.67 / 14pins 20.8×12.7×4.67