



Electro-Optics Technology, Inc.

2μm High Speed Detector

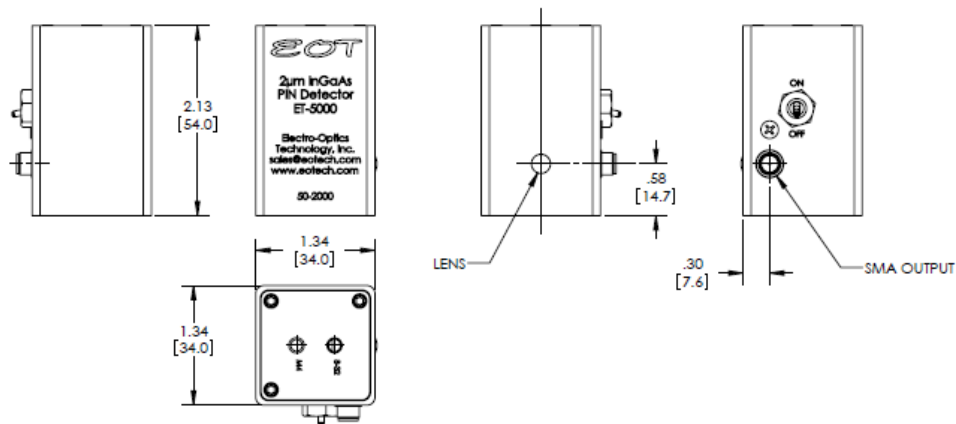


Features:	Benefits:
• Responsivity out to 2100nm	• Allows monitoring of Tm and Ho lasers
• Rise Time and Fall Time <35ps	• Pulse width measurement of sub ns lasers
• Available with free space or FC/UPC input	• Suitable for free space or fiber laser

Part No. (Model) ^a	120-10105-0001 (ET-5000)	120-10104-0001 (ET-5000F)
Spectral Range	830 – 2100nm	830 – 2100nm
Detector Material	InGaAs	InGaAs
Detector Type	PIN	PIN
Risetime	<35ps	<35ps
Falltime	<35ps	<35ps
Responsivity	1.6 A/W at 2000nm	1.6 A/W at 2000nm
Cutoff Frequency	>10GHz	>10GHz
Photodiode Active Area Dia.	40μm	40μm
Dark Current	<10μA	<10μA
NEP @ 2.0um:	<2pW/sqrt(Hz)	<2pW/sqrt(Hz)
Power Supply	3V, battery	3V, battery
Mounting (Tapped Hole)	8-32 or M4	8-32 or M4
Fiber Optic Connection	N/A	FC/UPC, SMF28e

Notes:

- a. Product specifications and pricing subject to change without notice.



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