

带模拟&TTL输出的光电探测器

应用：

- TTL输出的触发应用
- 监测调Q激光器的输出
- 监测外调制连续激光器的输出

特点：

- 可产生模拟或TTL输出
- 脉冲展宽
- 触发阈值可调

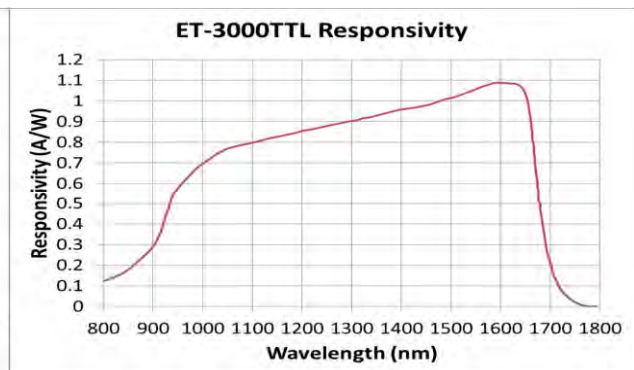
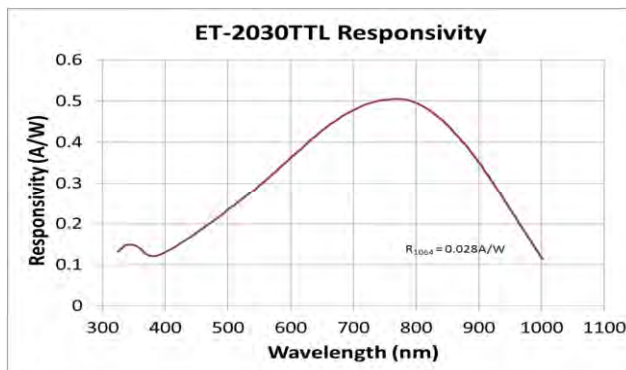


技术参数^a

Part No. (Model)	120-10022-0001 (ET-2030TTL) ^b	120-10044-0001 (ET-3000TTL) ^b	
Detector Material	Silicon	InGaAs	
Power Supply (VDC)	12	12	
Active Area Diameter (μm)	400	100	
Dark Current (nA)	<0.1	<2.0	
Acceptance Angle (1/2 angle)	10°	20°	
Noise Equivalent Power (pW/√Hz)	<0.01	<0.03	
Mounting (Tapped Holes)	8-32 or M4	8-32 or M4	
Analog Output			TTL Output
Rise Time/Fall Time (ps)	<300/<300	<175/<175	<8/<9
Responsivity	0.47A/W at 830nm	0.9A/W at 1300nm	
Bandwidth	DC-1.2GHz	DC-1.2GHz	DC-60MHz
Maximum Linear Rating	CW and Pulse current: 3mA	CW current: 5mA CW power: 20mW	
Termination	50Ω external	50Ω external	500Ω
Output Connector	BNC	BNC	BNC
Adjustable Trigger Threshold (mV)			40-500
Minimum Detection Pulsewidth (ns)			8
Logic High/Logic Low (V)			>3.0/<0.5
Pulse Stretch (when enabled)			100ns typical

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

^b RoHS compliant.



Electro-Optics Technology, Inc.