

Laser Detector MTD 1um

#36-745



Laser Detection Products

激光检测产品(上转换片)可为使用紫外、可见和红外激光用户提供更好的产品性能和安全性。它们可以减少许多实际应用中与光束可视化、轮廓分析和对准相关的问题。每个产品系列都有三种型号。激光检测产品的层压信用卡式型号仅适用于低功率光源和反射观察。25 毫米圆盘和夹持棒式适用于需要频繁定位的部件。可拆卸的圆盘可安装在光学元件上, 以实现精确对准, 而夹持棒式的型号则便于在光路中进行操作。光学可安装平台头式具有较大的活动区域可使用 1/4-20 螺纹安装, 可与标准英制接杆/接杆套筒一起使用。

概况

类型:	Detection Head
典型应用:	Nd:YAG, Fiber Laser

物理和机械特性

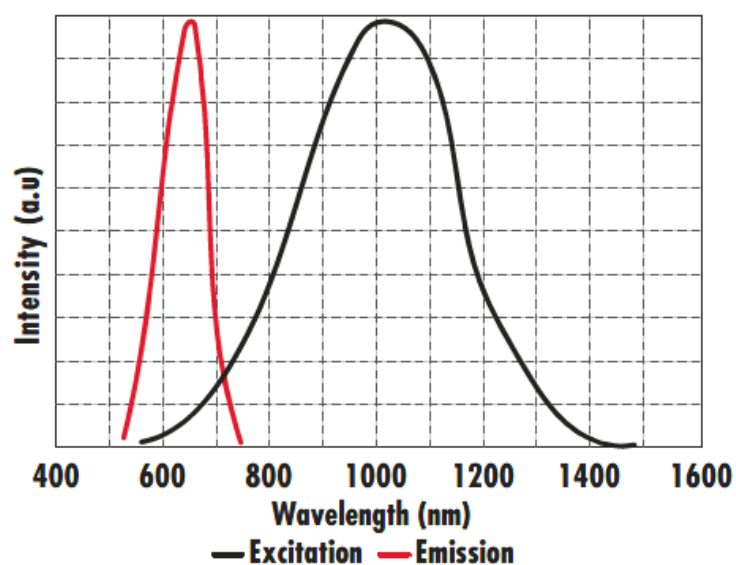
有效区直径 (mm):	35
外径 (mm):	70
厚度 (mm):	8.00

光学特性

波长:	NIR
Emission Color:	Orange/Red (655nm)
Stimulation Range:	700 - 1400nm

电气性能

Persistence (Stimulation Removed):	<50 ms
Minimum Stimulation, Continuous:	8 $\mu\text{W}/\text{cm}^2$ @ 1064nm
Maximum Stimulation, Continuous:	100 W/cm^2 @ 1064nm (estimated)
Maximum Stimulation, Single Pulse:	35 MW/cm^2 @ 1064nm, 7ns (estimated)



NIR Detection Products



April 29, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

商品编号	产品名称
36-745	Laser Detector MTD 1um

This item does not contain any of the substances listed on the Reach SVHC list as of 27 June 2018 in quantities exceeding 0.1% weight by weight.

Please note the following:

- Entry 11 of Annex V of the REACH regulation EC 1907/2006 as amended by regulation 987/2008, exempts "non-hazardous" glass components from registration.
- Items considered to be packing materials and which do not form part of, or are not required for the operation of, the product, are not considered to be within scope of this declaration.
- EO does not routinely analyze products for substances not purposely added or specified within the design specifications, drawings and assembly procedures.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance
April 29, 2025

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | Compliance@edmundoptics.com



April 29, 2025

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36-745	Laser Detector MTD 1um

This item is EU RoHS (2015/863/EU) compliant without the use of exemptions.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance

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Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations

