



Sensors > Optical Sensors > Photo Optic Sensors



Photo Optic Sensor Type: **Photo Optic Emitter**

Photo Optic Sensor Package: **Lead Frame**

## Features

### Product Type Features

Photo Optic Sensor Type	Photo Optic Emitter
-------------------------	---------------------

### Dimensions

Dimensions MM	4.4 x 5.1 x 1.9
---------------	-----------------

### Usage Conditions

Operating Temperature Range	-20 – 80 °C[-4 – 176 °F]
-----------------------------	--------------------------

### Packaging Features

Photo Optic Sensor Package	Lead Frame
----------------------------	------------

### Other

Range	660 nm / 880-940 nm
-------	---------------------

Accuracy	Sensor Dependent
----------	------------------

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
------------------------------	------------------

EU ELV Directive 2000/53/EC	Not Yet Reviewed
-----------------------------	------------------

China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
---	--

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
--	--

Halogen Content	Not Yet Reviewed for halogen content
-----------------	--------------------------------------

Solder Process Capability	Not reviewed for solder process capability
---------------------------	--

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Customers Also Bought



TE Part #2301994-5  
RJ45 JACK INT.MAG. 1GB 1X1 INV.



TE Part #1007214-1  
AMPLIFIER&EU POWER SUPPLY PLUG



TE Part #20-0584  
PHOTO OPTIC EMITTER ASSEMBLY



TE Part #4-794629-0  
10P MICRO MNL ASSY,R/A,SMT,LF



TE Part #2266448-1  
OCEAN\_2.0\_Applicator-S-033F048F



TE Part #2829472-1  
NECTOR M, 3P, SOCKET, HAR, SGL ENDED



TE Part #926309-7  
UMNL 10WAY CAP HOUSING

## Documents

### Datasheets & Catalog Pages

[ELM-4000-Series](#)

English