

NDIR Sensor Lamp Catalog

押野电气制作所

NDIR传感器用灯泡图册



Oshino Lamps Ltd.

NDIR传感器用灯泡的定义

What is a NDIR Sensor Lamp?

NDIR是Non Dispersive InfraRed(非分散型红外吸收)的缩写, 是利用了气体所具有的各自特有的红外线吸收波长的测量方法。

本公司主要制造发出近~中红外波段的NDIR传感器用灯泡。

NDIR传感器灯与普通光源灯不同, 灯丝位置精度高、红外线量的稳定性、反应速度快等特点是客户所追求的。

满足这些要求的灯需要依靠高端的制造技术, 包括我司在内, 拥有这类制造技术的厂商在世界范围内也是屈指可数的。

“NDIR” stands for “Non Dispersive InfraRed. It is used to measure the wave length of specific gases.

Oshino manufactures a lamp that emits mainly near to mid infrared for the NDIR sensor.

Oshino NDIR sensor lamps provide stable infrared output with an accurate filament position and rapid response times.

As the lamp is made using precision engineering, Oshino is one of a few manufacturers of NDIR sensor lamps worldwide.

主要产品

Major Products

Part No.	Bulb dia. (mm)	Length (mm)	Filament type	Base / Assembly	Volts (V)	Amps (mA)	MSCD (cd)	Fig. No.
OL-7153TPL-100	2.26	4.4	CC-6	Wire Terminal	5	115	0.15	1
OL-7153TPL-201	2.26	4.6	C-2R	Wire Terminal	5	115	0.15	2
OL-6833TPL-201	2.26	4.6	C-2R	Wire Terminal	5	60	0.05	2
OL-6803TPL-201	2.26	4.6	C-2R	Wire Terminal	5	60	0.03	2
OL-2498TPL	2.26	4.0	C-2R/HCF	Wire Terminal	4	65	0.04	3
OL-715TPL-101	3.0	6.0	CC-6	Wire Terminal	5	115	0.15	4
OL-715LE/TPL	3.0	6.0	CC-6	Wire Terminal Lens Top	5	115	0.15	4
OL-715TPL-200	3.0	6.0	C-2R	Wire Terminal	5	115	0.15	4
OL-683TPL-200	3.0	6.0	C-2R	Wire Terminal	5	60	0.05	4
OL-680TPL-200	3.0	6.0	C-2R	Wire Terminal	5	60	0.03	4
OL-715F1TPL-200	3.0	6.0	C-2R	Wire Terminal	5	125	0.22	4
OL-7152TPL-101	3.0	4.5	CC-6	Wire Terminal	5	115	0.15	5
OL-8270BP-100	2.26	7.0	CC-6	Bi-Pin (Standard)	5	115	0.15	6
OL-8270BP-201	2.26	7.0	C-2R	Bi-Pin (Standard)	5	115	0.15	6
OL-718BPA-101	3.0	8.5	CC-6	Bi-Pin (Type A)	5	115	0.15	7
OL-718BPA-200	3.0	8.5	C-2R	Bi-Pin (Type A)	5	115	0.15	7
OL-718BPE-101	3.0	8.5	CC-6	Bi-Pin (Type E)	5	115	0.15	8
OL-718BPE-200	3.0	8.5	C-2R	Bi-Pin (Type E)	5	115	0.15	8
OL-718SMC/H-101	3.0	6.7	CC-6	Horizontal SMD Base	5	115	0.15	9
OL-718SMC/H-200	3.0	6.7	C-2R	Horizontal SMD Base	5	115	0.15	9
OL-718SMC/V-200	3.0	6.8	C-2R	Vertical SMD Base	5	115	0.15	10

and more ...

押野电气制作所能制造满足这些条件的灯泡, 并贯彻从灯丝开始的一站式服务。我们会竭尽全力应对客户的特别规格要求, 请随时联系我们。

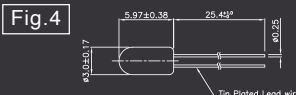
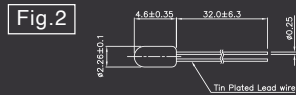
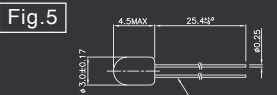
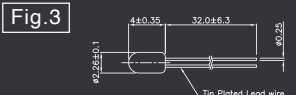
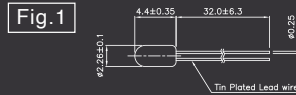
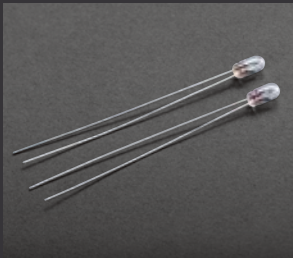
产品的规格、外观发生变更, 可能不会公示, 请在下单时提前咨询。

Oshino manufactures the NDIR sensor lamps including filament production process at our factory. Please contact us if you have any specific requirements. Please note that product specifications and appearance are subject to change without notice so please contact us for confirmation prior to placing an order.

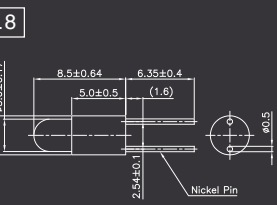
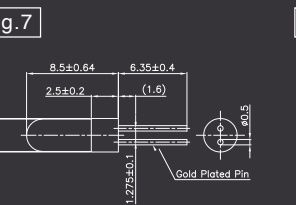
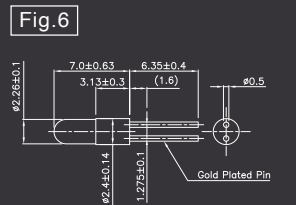
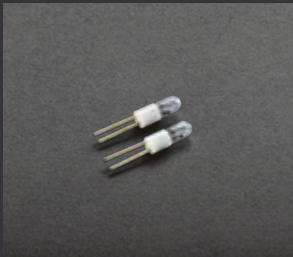
产品尺寸

Dimensions

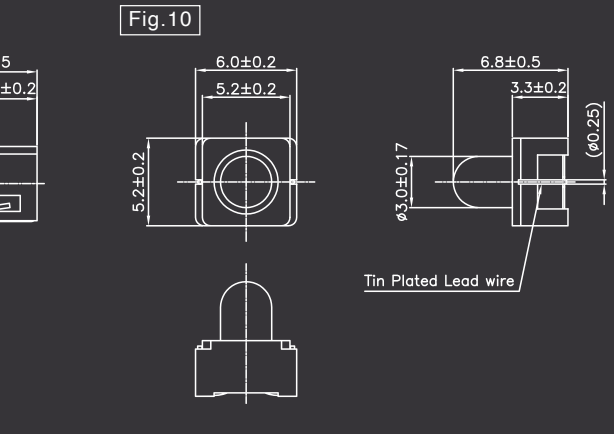
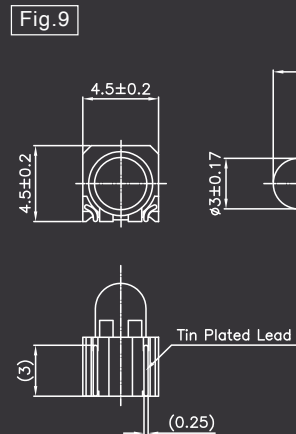
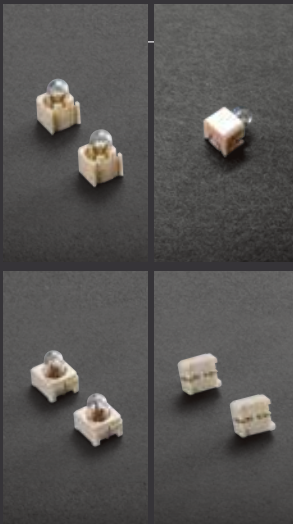
Wire Terminal



Bi-Pin



SMD Base



NDIR传感器灯泡的应用

Application for the NDIR Sensor Lamp



※照片仅供参考。

汽车尾气检测
Car emissions detection and monitoring

车内·室内环境的监测
Indoor air quality monitoring

气体·火灾感应
Gas and fire detection

酒精感应
Alcohol detection

成分分析
Component Analysis

冷媒气体·温室效应气体检测
Measuring refrigerant gas and other greenhouse gases

二氧化碳检测
Measuring CO₂

欢迎以上用途之外的项目垂询。

作为近红外至中红外的宽波段和高功率红外光源, 可用于广泛的应用。

This Oshino lamp is an IR emitter and is both high power and wide wavelength (in the NIR~MIR region).

This product is suitable for a range of applications including those mentioned above.

Global Network

据点一览

活用长年培养的技术，将可以信赖的产品提供到不单日本，
通过各国据点向全世界进行服务。

We have been providing our reliable products with engineering technology of long standing years not only Japan, but also globally.

Europe

欧洲

- 爱沙尼亚 Estonia
- 意大利 Italy
- 德国 Germany
- 法国 France
- 英国 UK

Asia

亚洲

- 中国 China

Japan

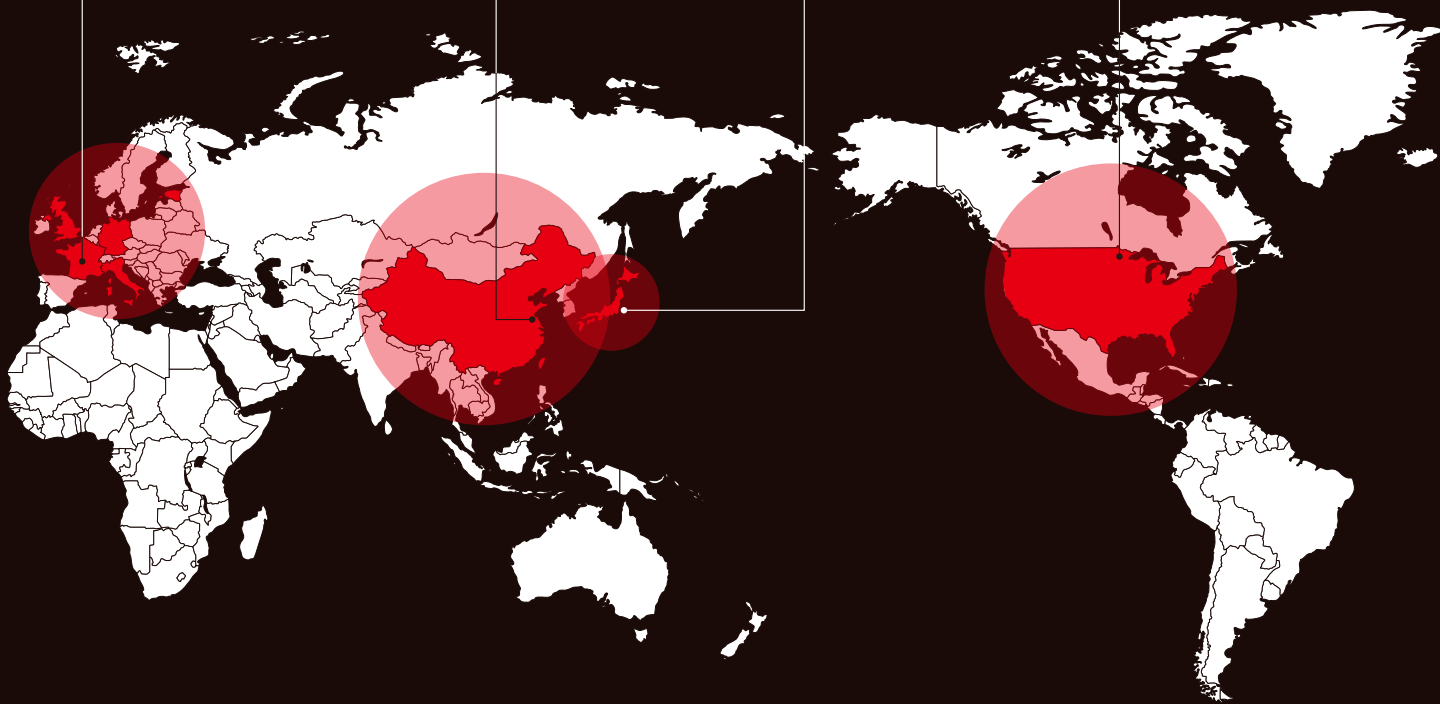
日本

- 东京 Tokyo
- 鹿儿岛 Kagoshima
- 山梨 Yamanashi

North America

北美

- 美国 US



自20世纪70年代以来，我们在全球8个国家建立了自己的销售团队、研发中心和制造工厂，以满足当地需求。
利用本公司工厂及合作工厂，最大限度地满足客户的要求。

Since 1970, Oshino started establishing owned sales office, R&D facilities and factories globally, and now they are working with local customers closely to meet their needs.

Our developed products by utilizing owned and associated companies meet all customer needs.

联系我们 Contact information

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Note: Our office is moved on 20th December, 2021.
New address :

4F Oi-Choyo Bldg. 5-12-10, Higashioi,
Shinagawa-ku, Tokyo 140-0011 Japan



URL : <https://www.oshinolamps.co.jp/>