

# 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.

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- 法国 France
- 英国 UK

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- 中国 China

## Japan

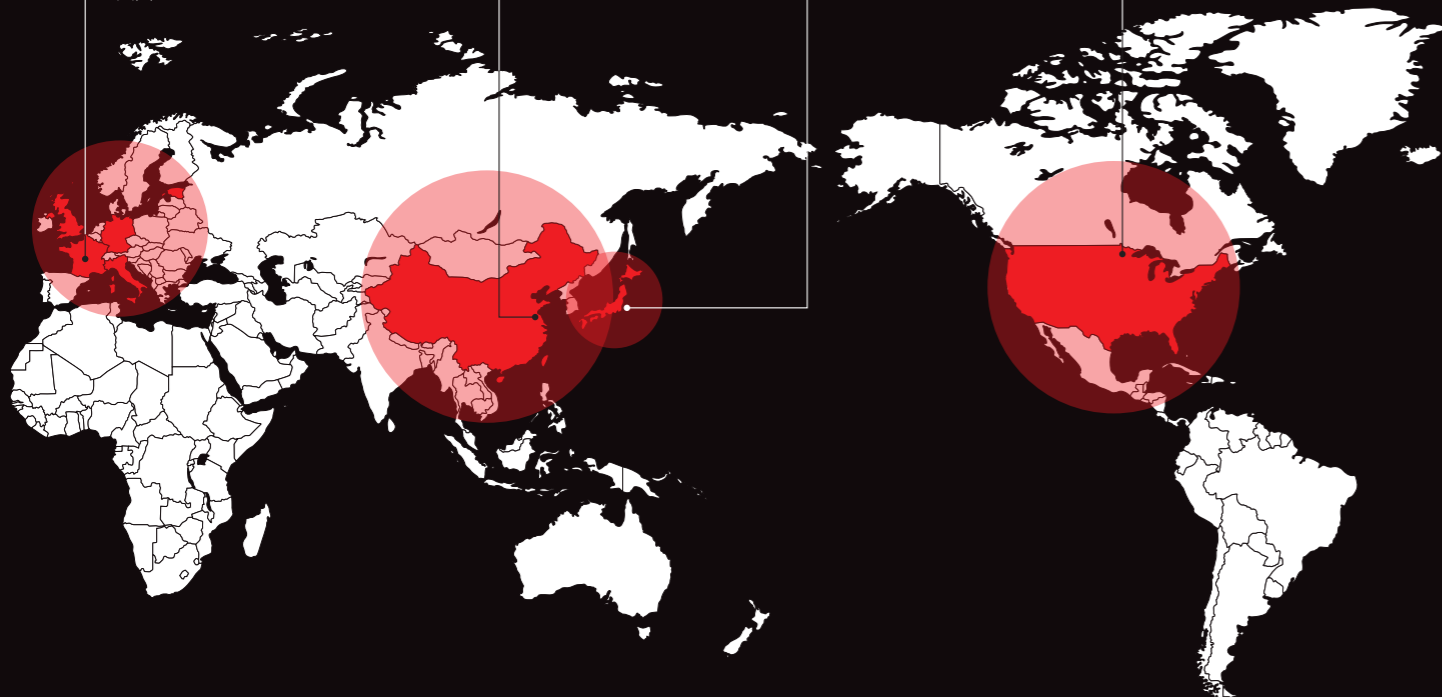
日本

- 东京 Tokyo
- 鹿儿岛 Kagoshima
- 山梨 Yamanashi

## North America

北美

- 美国 US



## 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 CO<sub>2</sub>

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.

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2024.08

# NDIR Sensor Lamp Catalog

押野電気製作所

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 Wire terminal

### Major Products Wire terminal

Part No.	Filament type	Base / Assembly	Volts (V)	Amps (mA)	MSCD (cd)	Fig. No.	Dia. (A)	MOL (B)	Lead wire length (C)	Lead wire dia. (D)
OL-7153TPL-101	CC-6	Wire-Terminal	5	115	0.15	1	Φ2.30±0.11 (T-3/4)	4.6±0.35	32.0±6.3	Φ0.25±0.015
OL-7153TPL-201	C-2R	Wire-Terminal	5	115	0.15	1	Φ2.30±0.11 (T-3/4)	4.6±0.35	32.0±6.3	Φ0.25±0.015
OL-6833TPL-201	C-2R	Wire-Terminal	5	60	0.05	1	Φ2.30±0.11 (T-3/4)	4.6±0.35	32.0±6.3	Φ0.25±0.015
OL-6803TPL-201	C-2R	Wire-Terminal	5	60	0.03	1	Φ2.30±0.11 (T-3/4)	4.6±0.35	32.0±6.3	Φ0.25±0.015
OL-7152TPL-101	CC-6	Wire-Terminal	5	115	0.15	1	Φ3.0±0.17 (T-1)	4.7MAX	25.4+1.0/-0	Φ0.25±0.015
OL-715TPL-101	CC-6	Wire-Terminal	5	115	0.15	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-715LE/TPL-101	CC-6	Wire-Terminal + Lens Top	5	115	0.15	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-715TPL-200	C-2R	Wire-Terminal	5	115	0.15	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-683TPL-200	C-2R	Wire-Terminal	5	60	0.05	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-680TPL-200	C-2R	Wire-Terminal	5	60	0.03	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-715F1TPL-200	C-2R	Wire-Terminal	5	125	0.22	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-3660TPL-201	C-2R	Wire-Terminal	2.8	15	0.001	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-3674TPL	C-2R	Wire-Terminal	3	16	0.004	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-3070TPL	C-2R	Wire-Terminal	5	60	0.15	1	Φ3.0±0.17 (T-1)	5.97±0.38	25.4+1.0/-0	Φ0.25±0.015
OL-715FL/TPL-101	CC-6	Wire-Terminal	5	115	0.15	2	Φ3.0±0.17 (T-1)	5.3±0.5	25.4+1.0/-0	Φ0.25±0.015
OL-715SFL/TPL-101	CC-6	Wire-Terminal	5	115	0.15	2	Φ3.0±0.17 (T-1)	4.2±0.5	25.4+1.0/-0	Φ0.25±0.015

### Wire Terminal



Fig.1

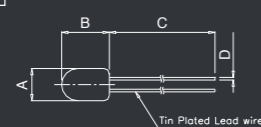
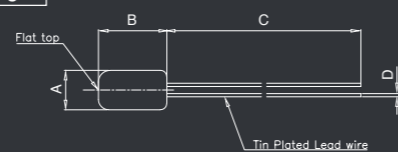


Fig.2



### 主要产品 Base / Assembly

### Major Products Base / Assembly

Part No.	Filament type	Base / Assembly	Volts (V)	Amps (mA)	MSCD (cd)	Fig. No.
OL-8270BP-101	CC-6	Bi-Pin (Standard)	5	115	0.15	3
OL-8270BP-201	C-2R	Bi-Pin (Standard)	5	115	0.15	3
OL-8913BP-201	C-2R	Bi-Pin (Standard)	5	60	0.05	3
OL-718BPA-101	CC-6	Bi-Pin (Type A)	5	115	0.15	4
OL-718BPA-200	C-2R	Bi-Pin (Type A)	5	115	0.15	4
OL-718BPE-101	CC-6	Bi-Pin (Type E)	5	115	0.15	5
OL-718BPE-200	C-2R	Bi-Pin (Type E)	5	115	0.15	5
OL-718LE/BPE-101	CC-6	Bi-Pin (Type E)	5	115	0.15	5
OL-718SMC/H-101	CC-6	Horizontal SMD Base	5	115	0.15	6
OL-718SMC/H-200	C-2R	Horizontal SMD Base	5	115	0.15	6
OL-718SMC/V-101	CC-6	Vertical SMD Base	5	115	0.15	7
OL-718SMC/V-03-200	C-2R	Vertical SMD Base	5	115	0.15	7

### Bi-Pin



Fig.3

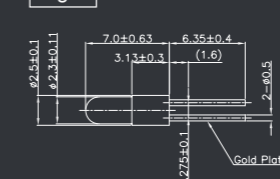


Fig.4

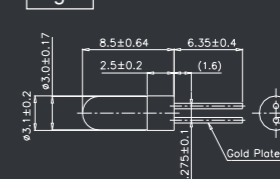
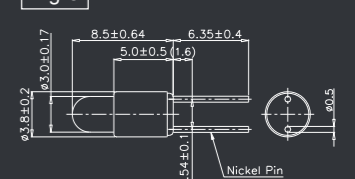


Fig.5



### SMD Base



Fig.6

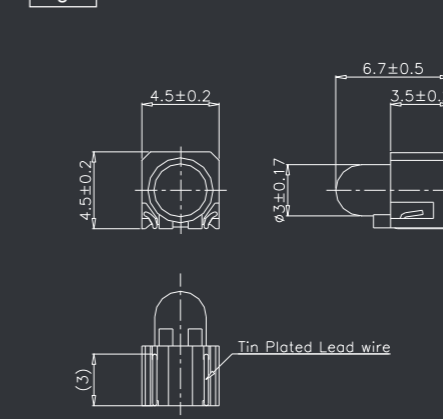
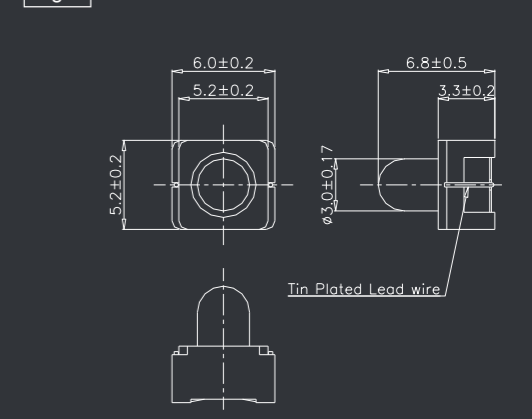


Fig.7



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。

Please note that product specifications and appearance are subject to change without notice so please contact us for confirmation prior to placing an order.