

# DL SERIES



## Features

The DL connector series has a mechanism that detects when terminals are not inserted completely.

This series consists of 0.64mm, 1.0mm and 2.3mm types classified according to the terminal size, supporting use in a variety of control circuits and low power circuits.

- The connector mechanism only allows the retainer to be set when the terminal is completely inserted.
- These connectors can be directly secured to a bracket on the car body.
- RoHS/ELV Compliant

## 特点

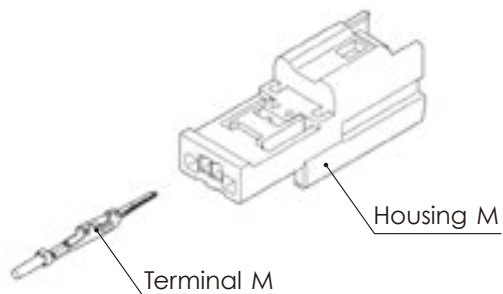
DL 系列接插件具有检验端子插入不足的构造。按照端子尺寸划分为0.64mm·1.0mm·2.3mm类型，可以应用于各种控制回路与低功率回路。

- 具有当端子在半插入状态时，锁片无法安装到位的检验功能。
- 接插件可以直接固定在车体的支架上。
- 可对应欧盟 RoHS 和 ELV 指令

# DL SERIES for STANDARD

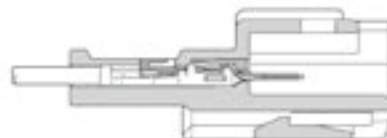
## 0.64mm (025)

Structure / 构造



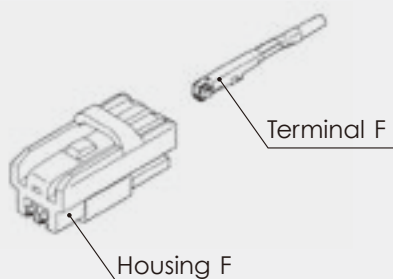
After setting retainer

安装锁片后



Connector M

Connector F



After setting retainer

安装锁片后



K-02

### 0.64mm (025)

## Terminal (UNIT : mm)

端子 (毫米)

Ref: 0.64mm Terminal detail

0.64mm端子参照页

**S** M (8100-4028) C-02 **F** (8100-4029) C-02

**M** M (8100-4027) C-02 **F** (8100-4030) C-02

### 0.64mm (025)

## Housing (UNIT : mm)

接插件护套 (毫米)

Ref: Terminal part No.

端子参照页

C-02

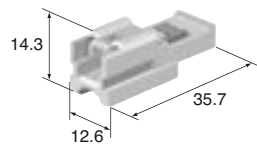
Material

材质

PBT

## 2way

Color Natural  
颜色 自然色



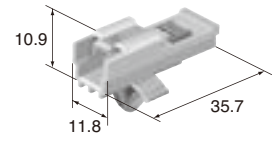
**M (6098-4569)**

Color Natural  
颜色 自然色

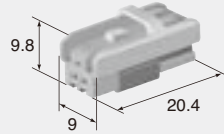
Note With body fastening clamp.  
备注 带防转卡钉

Plate thickness range for clamp;  
 $t=0.6\sim 2.0\text{mm}$   
Hole= $7.2\text{mm}\times 10.2\text{mm}$

**M (6098-4567)**



**F (6098-4565)**



Color Natural  
颜色 自然色

K-03

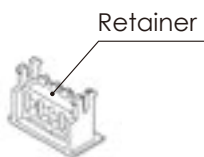
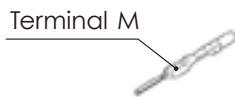
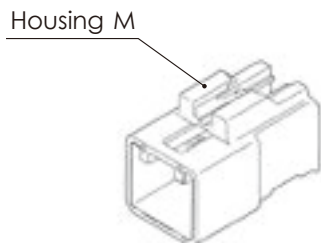
DL SERIES

# DL SERIES for STANDARD

## 1.0mm (040)

This connector has a terminal pitch of 2.5 mm.  
端子间距2.5mm的接插件

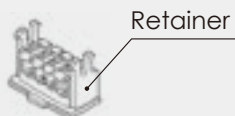
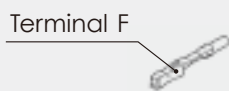
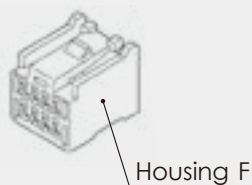
### Structure / 构造



**Retainer sliding direction**

通过压入锁片能够检知端子是否插入到位

### Connector M



**Retainer sliding direction**

通过压入锁片能够检知端子是否插入到位

### Connector F

K-04

## 1.0mm (040)

### Terminal (UNIT : mm)

端子(毫米)

※ For terminal selection, please contact our sales staff.  
Note) M size terminal can be used connector with insertion cavity specified. For details please contact our sales staff.

※ Surface treatment of gold-plated is available to meet your needs.

Thick size is for the time being now.

※ 选定端子时, 请一定向敝公司销售负责人问讯。

注) M 尺寸端子的可用接插件有限制。

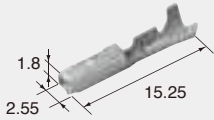
请一定向敝公司销售负责人问讯。

※ 有关镀金式样, 根据需要可以定制。

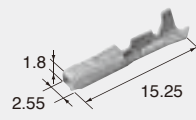
此外、厚度仅供临时参考。

**(S)**

<b>Cable size (mm<sup>2</sup>)</b> 适用电线大小	0.3~0.5
<b>Material</b> 材质	Brass 黄铜
<b>Surface treatment</b> 表面处理	Tin-plated 镀锡

**M (8100-2512)**

<b>Cable size (mm<sup>2</sup>)</b> 适用电线大小	0.3~0.5
<b>Material</b> 材质	Heat-resistant copper alloy
<b>Surface treatment</b> 表面处理	Tin-plated 镀锡

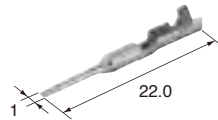
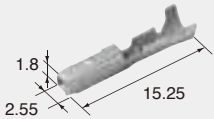
**F (8100-1710)****(S)****Au****F (8240-0300)**

<b>Cable size (mm<sup>2</sup>)</b> 适用电线大小	0.3~0.5
<b>Material</b> 材质	Heat-resistant copper alloy
<b>Surface treatment</b> 表面处理	Gold-plated 镀金

**(M)**

<b>Cable size (mm<sup>2</sup>)</b> 适用电线大小	0.75, 0.85~1.25
<b>Material</b> 材质	Brass 黄铜
<b>Surface treatment</b> 表面处理	Tin-plated 镀锡

Note)

**M (8100-2513)**

<b>Cable size (mm<sup>2</sup>)</b> 适用电线大小	0.75, 0.85~1.25
<b>Material</b> 材质	Heat-resistant copper alloy
<b>Surface treatment</b> 表面处理	Tin-plated 镀锡

Note)

**F (8100-2514)****1.0mm (040)****Housing** (UNIT : mm)

接插件护套(毫米)

**Ref: Terminal part No.**  
端子参照页

K-04

**Material**  
材质

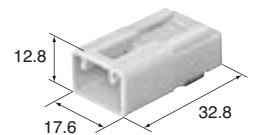
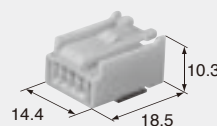
PBT

Note) M size terminal can be used connector with insertion cavity specified. For details please contact our sales staff.

注) M尺寸端子的可用接插件有限制。

**4way**

<b>Color</b> 颜色	Natural 自然色
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**M (6098-2158)****F (6098-2013)**

<b>Color</b> 颜色	Natural 自然色
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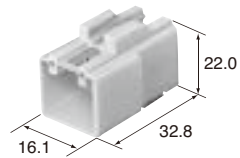
**K-05**

DL SERIES

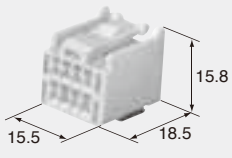
**8way**

Color Natural  
颜色 自然色

Note)



**M (6098-2206) F (6098-2208)**

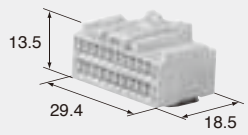


Note)

Color Natural  
颜色 自然色

**20way**

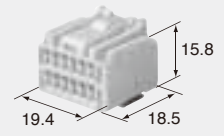
**F (6098-1626)**



Color Natural  
颜色 自然色

**12way**

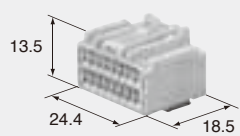
**F (6098-2289)**



Color Natural  
颜色 自然色

**16way**

**F (6098-1624)**

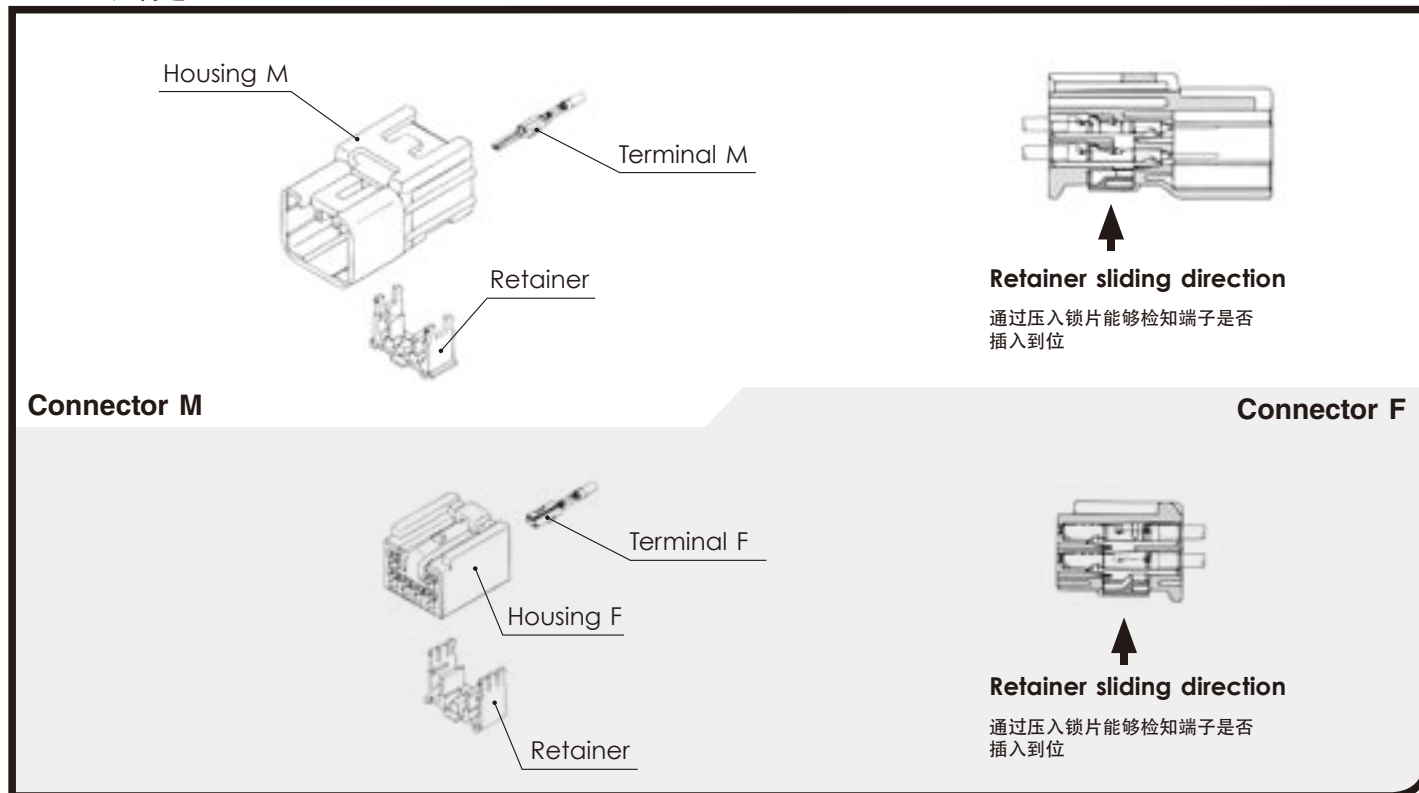


Color Natural  
颜色 自然色

# DL SERIES for STANDARD

## 2.3mm (090)

Structure / 构造



K-07

DL SERIES

### 2.3mm (090)

#### Terminal (UNIT : mm)

端子 (毫米)

Ref: 2.3mm Terminal detail  
2.3mm端子参照页

<b>S</b>	<b>M (8230-4492)</b>	A-10	<b>F (8240-4882)</b>	A-10
<b>M</b>	<b>M (8230-4502)</b>	A-10	<b>F (8240-4892)</b>	A-10
<b>L</b>	<b>M (8230-4512)</b>	A-10	<b>F (8240-4942)</b>	A-10

Regarding "Gold-plated Terminal", please refer "A-10".  
镀金端子记载在A-10上

### 2.3mm (090)

#### Housing (UNIT : mm)

接插件护套 (毫米)

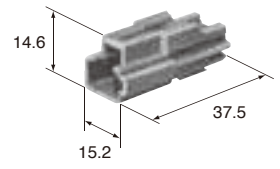
Ref: Terminal part No.  
端子参照页

**Material** Low water absorption  
**材 质** Nylon

K-08

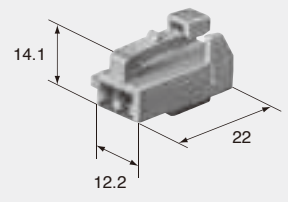
**2way**

Color 颜色 Natural 自然色



**M (6249-1248)**

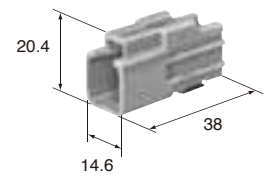
**F (6249-1251)**



Color 颜色 Natural 自然色

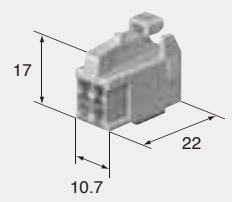
**4way**

Color 颜色 Natural 自然色



**M (6249-1249)**

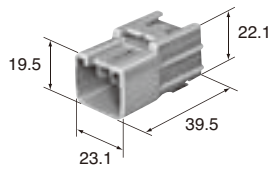
**F (6249-1252)**



Color 颜色 Natural 自然色

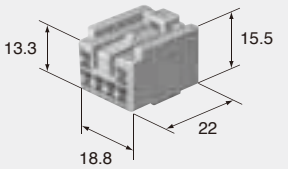
**6way**

Color 颜色 Natural 自然色



**M (6249-1250)**

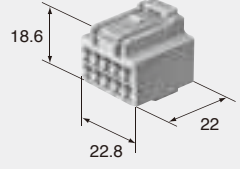
**F (6249-1253)**



Color 颜色 Natural 自然色

**10way**

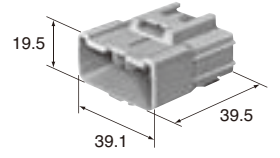
**F (6248-5311)**



Color 颜色 Natural 自然色

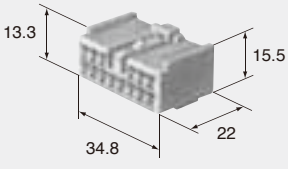
**14way**

Color 颜色 Natural 自然色



**M (6249-1265)**

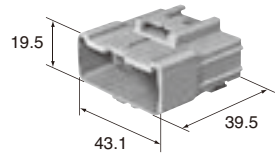
**F (6248-5309)**



Color 颜色 Natural 自然色

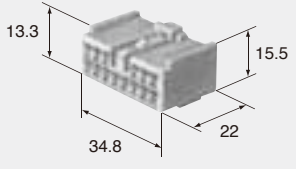
**16way**

Color 颜色 Natural 自然色



**M (6249-1266)**

**F (6248-5310)**



Color 颜色 Natural 自然色