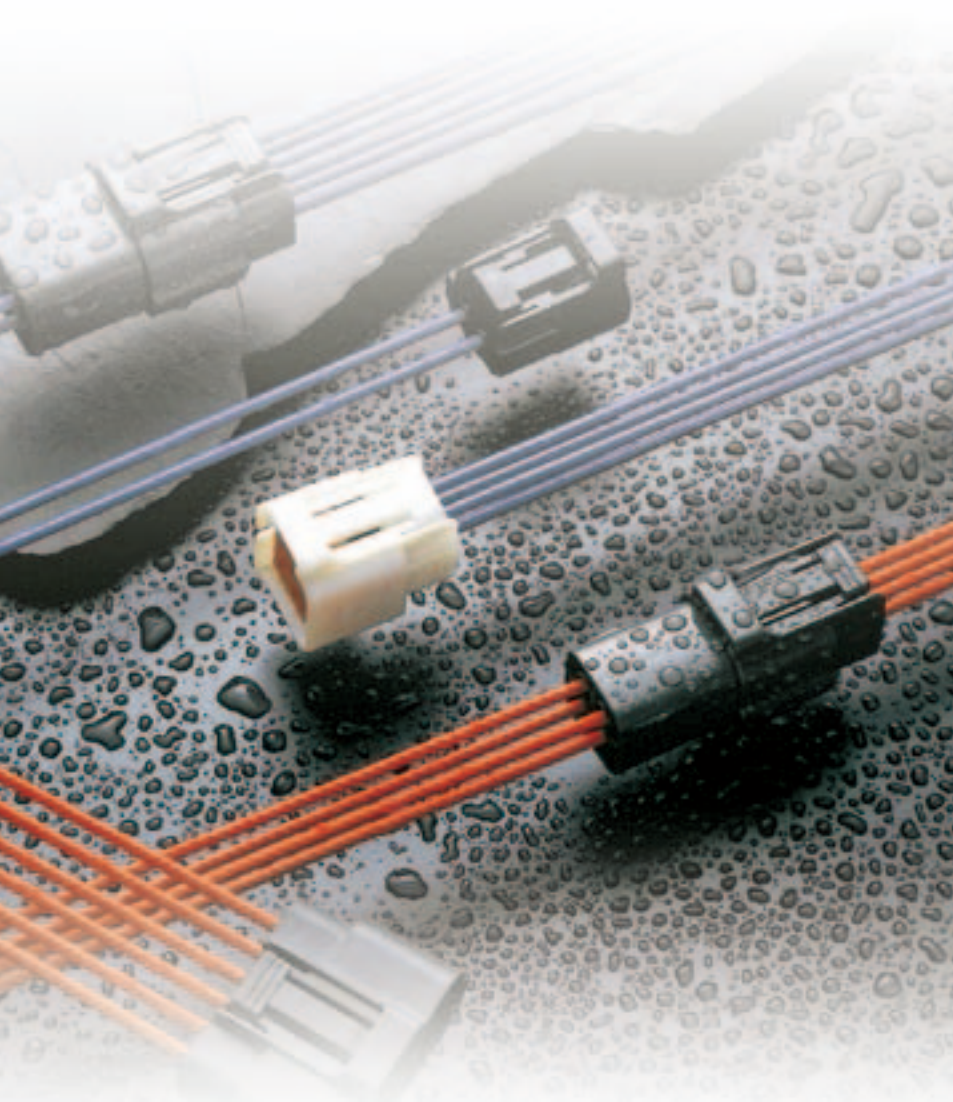


DL SEALED SERIES



Features

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

The series consists of 2.3mm type covering an extensive array of applications from signal circuits to 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.
- In addition, an extra clip can be attached to the connector to secure it to the car body.
- RoHS/ELV Compliant

特点

DL 防水系列接插件具有检验端子插入不足的功能。

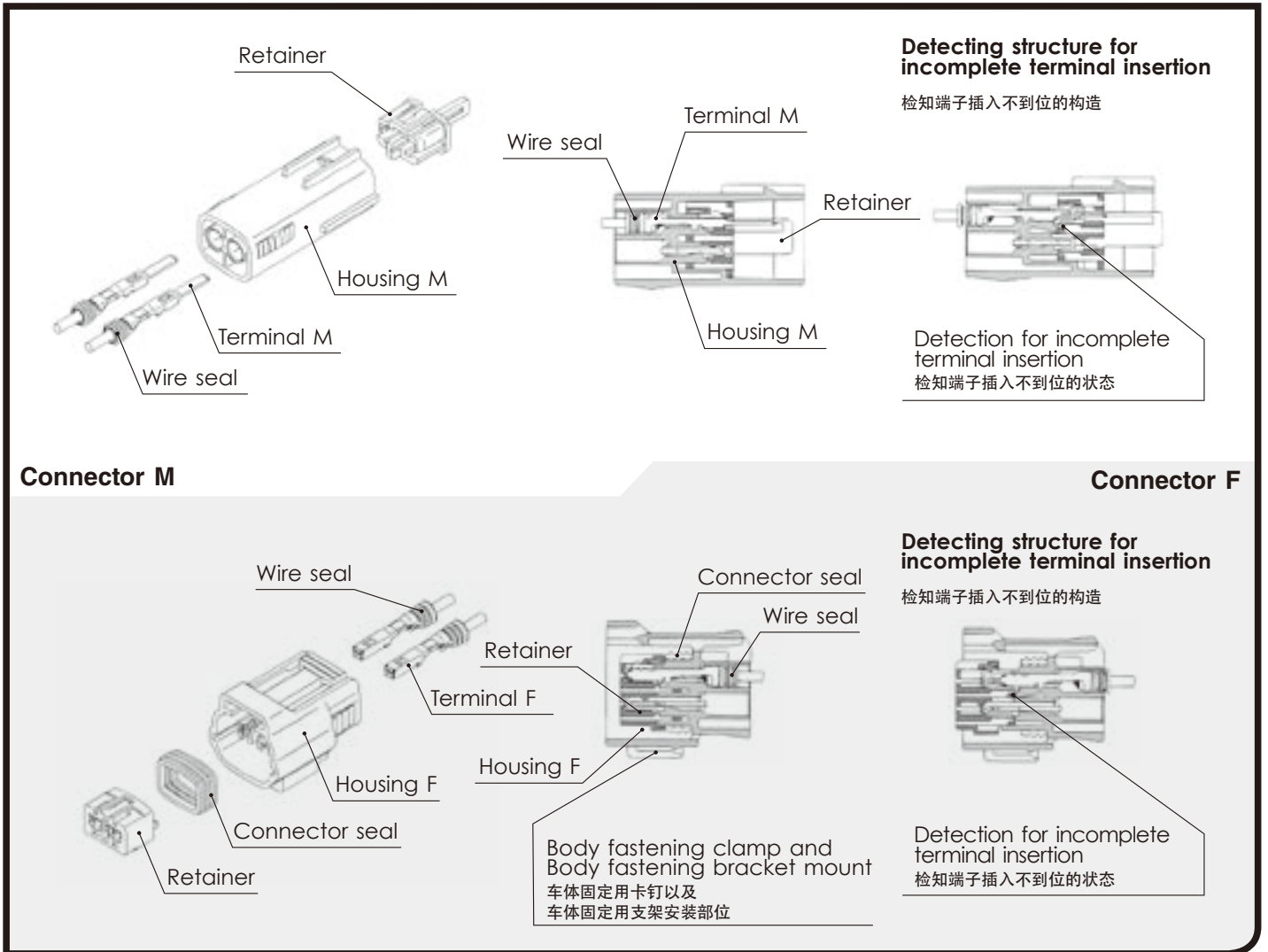
尺寸为2.3mm 的端子可广泛应用于信号回路或低功率回路等。

- 具有当端子在半插入状态时，锁片无法安装到正确位置的检知功能。
- 接插件可以直接固定在车体的支架上。
- 另外在接插件上可安装为固定到车体的卡钉（卡子）。
- 可对应欧盟 RoHS 和 ELV 指令

DL SEALED SERIES for STANDARD

2.3mm (090)

Structure / 构造



2.3mm (090)

Terminal (UNIT : mm)

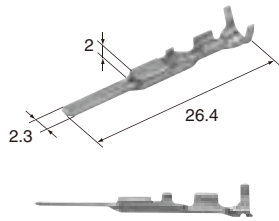
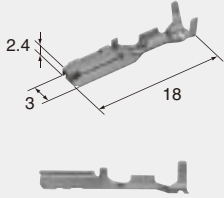
端子(毫米)

※ For terminal selection, please contact our sales staff.

※ 选定端子时, 请一定向敝公司销售负责人问讯。

(S)

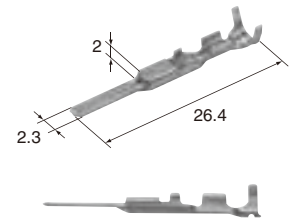
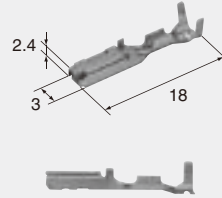
Cable size (mm²) 适用电线大小	0.3~0.5
Material 材质	Brass 黄铜
Surface treatment 表面处理	Tin-plated 镀锡

**M (8230-4472)****F (8100-1427)**

Cable size (mm²) 适用电线大小	0.3~0.5
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Tin-plated 镀锡

(S)**Au**

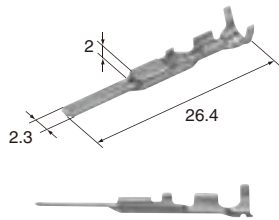
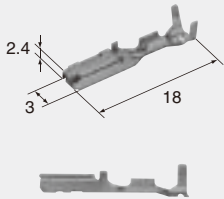
Cable size (mm²) 适用电线大小	0.3~0.5
Material 材质	Brass 黄铜
Surface treatment 表面处理	Gold-plated 镀金

**M (1500-0159)****F (8100-1458)**

Cable size (mm²) 适用电线大小	0.3~0.5
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Gold-plated 镀金

(M)

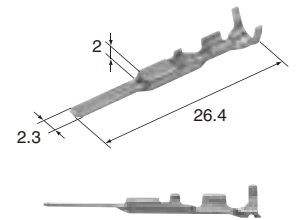
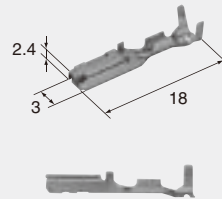
Cable size (mm²) 适用电线大小	0.75~0.85
Material 材质	Brass 黄铜
Surface treatment 表面处理	Tin-plated 镀锡

**M (8230-4562)****F (8100-1429)**

Cable size (mm²) 适用电线大小	0.75~0.85
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Tin-plated 镀锡

(M)**Au**

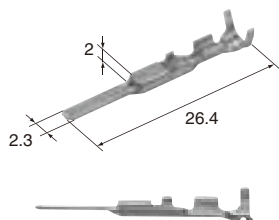
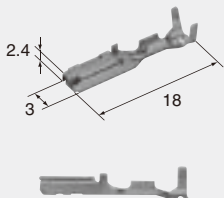
Cable size (mm²) 适用电线大小	0.75~0.85
Material 材质	Brass 黄铜
Surface treatment 表面处理	Gold-plated 镀金

**M (1500-0169)****F (8100-1460)**

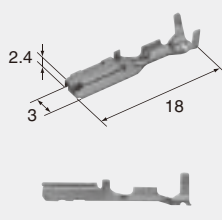
Cable size (mm²) 适用电线大小	0.75~0.85
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Gold-plated 镀金

(L)

Cable size (mm²) 适用电线大小	1.25~2.0
Material 材质	Brass 黄铜
Surface treatment 表面处理	Tin-plated 镀锡

**M (8230-4552)****F (8100-1428)**

Cable size (mm²) 适用电线大小	1.25~2.0
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Tin-plated 镀锡

(L)**Au****F (8100-1459)**

Cable size (mm²) 适用电线大小	1.25~2.0
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Gold-plated 镀金

2.3mm (090)

Wire seals (UNIT : mm)

电线密封栓(毫米)

- The wire seals are common to M and F.
- 电线密封栓为公端、母端共用。

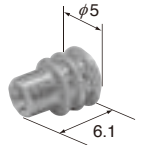
(SS)

(7165-0210)

Cable overall diameter(mm) Over than 1.1 mm below 1.5 mm
带绝缘层外径 超过1.1mm在1.5mm以下

Material NBR

Color Red
颜色 红



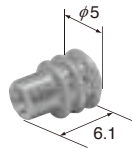
(S)

(7165-0118)

Cable overall diameter(mm) Over than 1.5 mm below 2.0 mm
带绝缘层外径 超过1.5mm在2.0mm以下

Material NBR

Color Blue
颜色 蓝



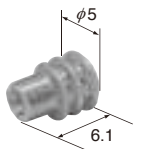
(M)

(7165-0119)

Cable overall diameter(mm) Over than 2.0 mm below 2.9 mm
带绝缘层外径 超过2.0mm在2.9mm以下

Material NBR

Color Brown
颜色 棕



2.3mm (090)

Dummy plugs (UNIT : mm)

盲塞(毫米)

Ref; 2.3mm Dummy plug detail

2.3mm盲塞参照页

(7161-9787) B-15

(7165-0193) J-07

- Dummy plugs are common to M and F.
- Dummy plugs are used to blind unused terminal holes.
- 盲塞为公端、母端共用。
- 盲塞用于堵塞不使用的端子孔。

2.3mm (090)

Housing (UNIT : mm)

接插件护套(毫米)

Ref: Terminal part No. L-02
端子参照页

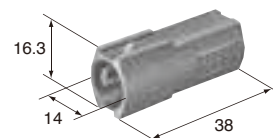
Ref: wire seal No. L-04
电线密封栓参照页

Ref: Dummy plug No. B-11 J-07
盲塞参照页

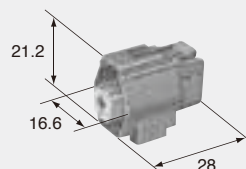
Material PBT or Low water absorption Nylon
材质

1way

Color Dark Gray
颜色 深灰



M (6195-0240)

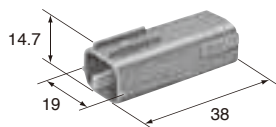


Color Dark Gray
颜色 深灰
Note L-07
备注 Bracket Clamp : TYPE2

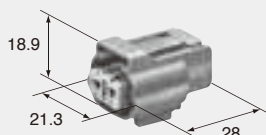
F (6195-0066)

2way

Color Dark Gray
颜色 深灰



M (6195-0006)

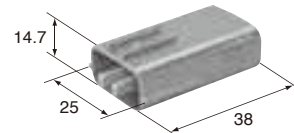


Color Dark Gray
颜色 深灰
Note L-07
备注 Bracket Clamp : TYPE2

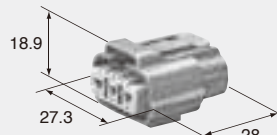
F (6195-0003)

3way

Color Dark Gray
颜色 深灰



M (6195-0012)

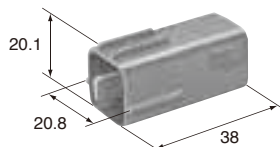


Color Dark Gray
颜色 深灰
Note L-07
备注 Bracket Clamp : TYPE2

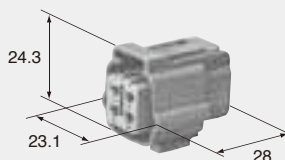
F (6195-0009)

4way

Color Dark Gray
颜色 深灰



M (6195-0018)

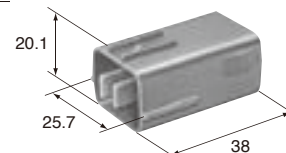


Color Dark Gray
颜色 深灰
Note L-07
备注 Bracket Clamp : TYPE2

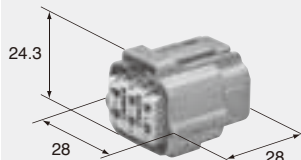
F (6195-0015)

6way

Color Dark Gray
颜色 深灰



M (6195-0024)

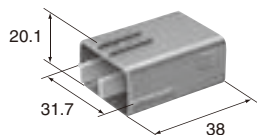


Color Dark Gray
颜色 深灰
Note L-07
备注 Bracket Clamp : TYPE2

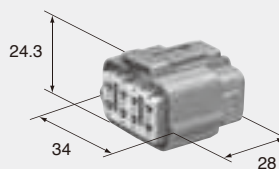
F (6195-0021)

8way

Color Dark Gray
颜色 深灰



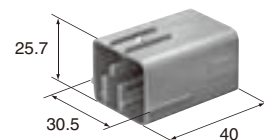
M (6195-0054) **F (6195-0051)**



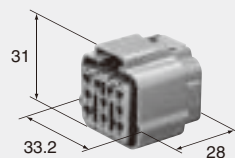
Color Dark Gray
颜色 深灰
Note L-07
备注 Bracket Clamp : TYPE2

10way

Color Light Gray
颜色 浅灰



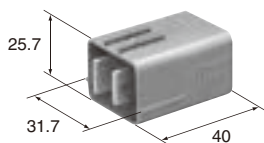
M (6195-0167) **F (6195-0164)**



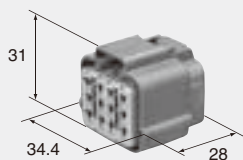
Color Light Gray
颜色 浅灰
Note L-07
备注 Bracket Clamp : TYPE2

12way

Color Dark Gray
颜色 深灰



M (6195-0152) **F (6195-0149)**

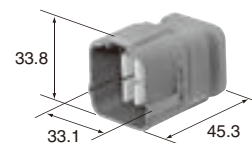


Color Dark Gray
颜色 深灰
Note L-07
备注 Bracket Clamp : TYPE2

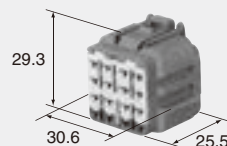
16way

Color Dark Gray
颜色 深灰

Note L-07
备注 Bracket Clamp : TYPE1



M (6188-0495) **F (6189-0715)**



Color Dark Gray
颜色 深灰

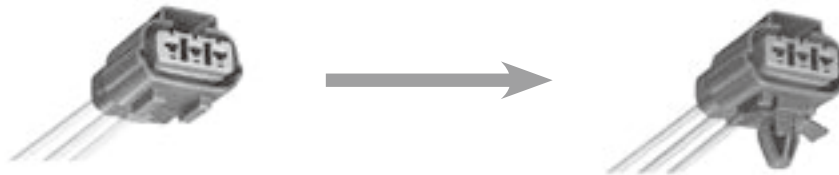
DL SEALED SERIES COMMON USE PARTS

Body fastening clamp (mm)

2.3mm standard type connectors, the clamp can be installed.

※ The detail dimensions for the mounting portion are specified in drawing
根据需求可以在2.3mm 标准的接插件上，安装用于固定在车体上的卡钉。

※安装部位的详细尺寸另行图纸规定。



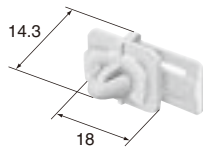
L-07

DL SEALED SERIES

Type 1

(6810-2653)

Material 材质	PA6T
Color 颜色	Natural 自然色
hole size 孔径	φ 7.0
Plate thickness range for clamp 卡钉适合板厚	t=0.6~1.6



Type 2

(6810-1584)

Material 材质	PBT
Color 颜色	Brown 棕
hole size 孔径	7.2×10.2
Plate thickness range for clamp 卡钉适合板厚	t=0.7~2.0

