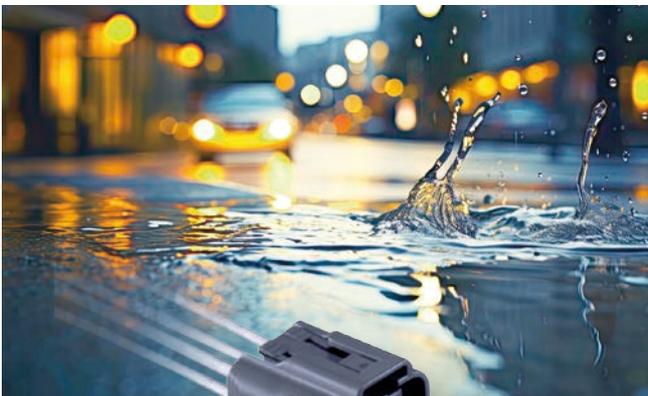


SL SEALED SERIES



Features

The SL sealed connector series is adopted a mechanism that detects terminal incomplete insertion by using a dedicated jig.

These connectors can be directly secured to a bracket/stay on the car body. In addition, an extra clip can be attached to the connector to secure it to the car body.

(Note: Please contact our sales staff, if you have any questions regarding the dedicated jig.)

特長

SL 防水シリーズは、専用治具にて端子半挿入を検出する構造を採用しております。

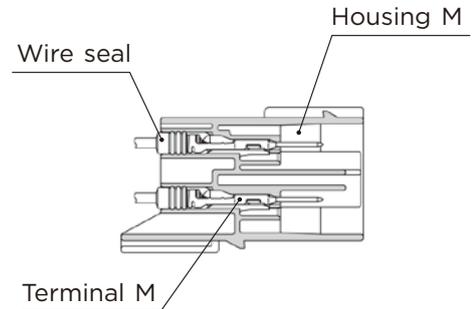
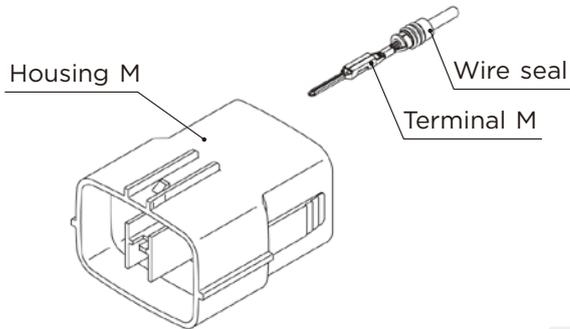
コネクタは、ボデー側のブラケットに直接固定、或いはクランプ（クリップ）を介して固定することができます。

注意：専用の導通治具に関しては弊社営業担当にご確認下さい。

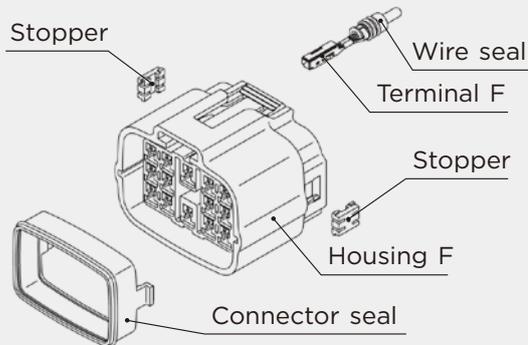
SL SEALED SERIES for STANDARD

1.5mm (060)

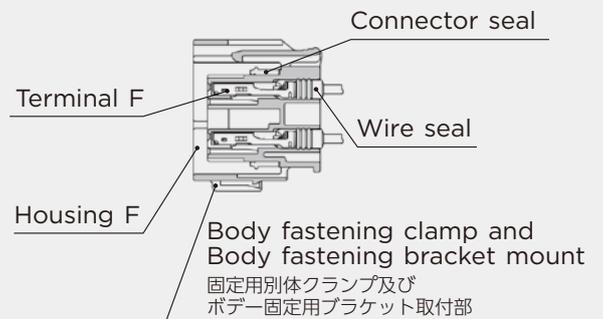
Structure



Connector M



Connector F



1.5mm (060)

(E)	(J)
Cable size	: 適用電線サイズ
Cable overall diameter	: 電線仕上り外径
Heat-resistant copper alloy	: 耐熱銅合金
Brass	: 黄銅
Surface treatment	: 表面処理
Gold-plated	: Auメッキ
Tin-plated	: Snメッキ

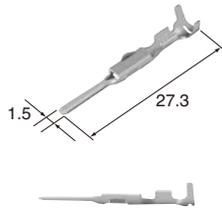
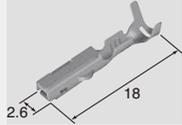
Terminal (UNIT : mm)

※ For terminal selection, please contact our sales staff.

※ターミナル選定にあたっては、必ず弊社営業担当にお問い合わせください。

(S)

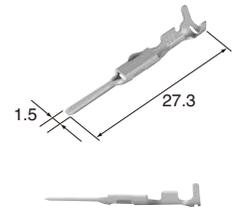
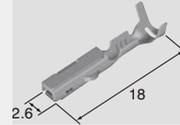
Cable size (mm²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated

**M (8100-3388)**

Cable size (mm²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated

F (8100-3397)**(S)****Au**

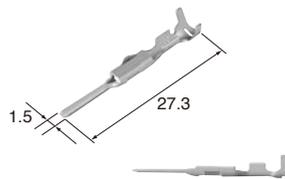
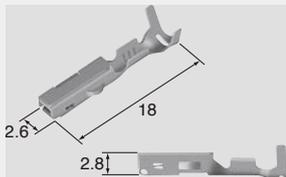
Cable size (mm²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Gold-plated

**M (8100-3504)**

Cable size (mm²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Gold-plated

F (8100-3402)**(M)**

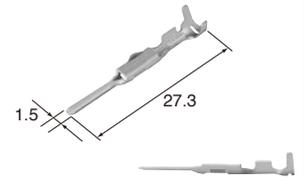
Cable size (mm²)	0.75~0.85
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated

**M (8100-3389)**

Cable size (mm²)	0.75~0.85
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated

F (8100-3398)**(M)****Au****M (8100-3403)**

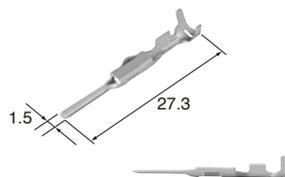
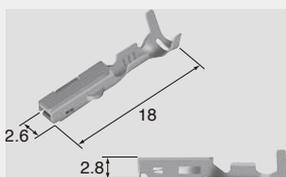
Cable size (mm²)	0.75~0.85
Material	Heat-resistant copper alloy
Surface treatment	Gold-plated

**K-03**

SL SEALED SERIES

(L)

Cable size (mm²)	1.25~2.0
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated

**M (8100-3390)**

Cable size (mm²)	1.25~2.0
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated

F (8100-3399)

1.5mm (060)

Wire seals (UNIT : mm)

Ref; 1.5mm Terminal detail

S (7165-0516) K-07

M (7165-0515) K-07

L (7165-0514) K-07

- Male / Female Shared
- M、F 共用です。

1.5mm (060)

Dummy plugs (UNIT : mm)

Ref; 1.5mm Dummy plug detail

(7165-0193) K-07

- Male / Female Shared
- Dummy plugs are used to blind unused terminal holes.
- M、F 共用です。
- 不必要なターミナル穴を塞ぐために、ダミー栓を使用します。

K-04

1.5mm (060)

Housing (UNIT : mm)

Ref: Terminal part No. K-02

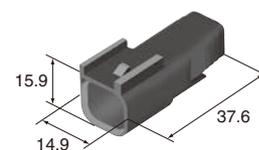
Ref: wire seal No. K-04

Ref: Dummy plug No. K-04

Material PBT

2way

Color Black



M (6181-6614)

F (6189-1076)



Color Black

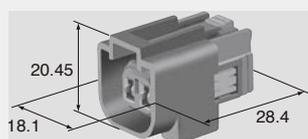
2way

Color Dark Gray



M (6181-6509)

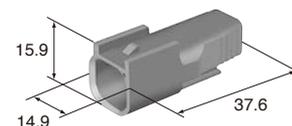
F (6189-1073)



Color Dark Gray

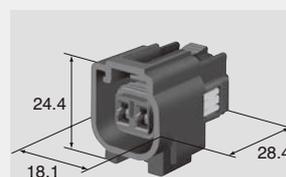
2way

Color Black



M (6181-6492)

F (6189-1115)



Color Black

Note K-11
Clamp:TYPE1

2way

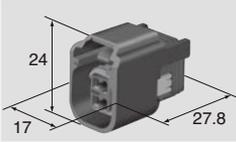
F (6189-1147)



Color Black

2way

F (6189-1144)



Color Black

2way

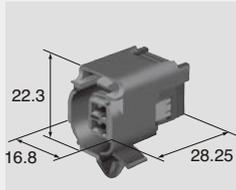
F (6189-1150)



Color Dark Gray

2way

F (6189-1149)



Color Dark Gray

3way

F (6189-7115)



Color Black

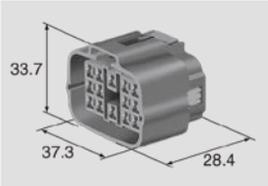
14way

Color Dark Gray



M (6181-0629)

F (6189-7262)



Color Dark Gray

Note K-11
Clamp:TYPE1

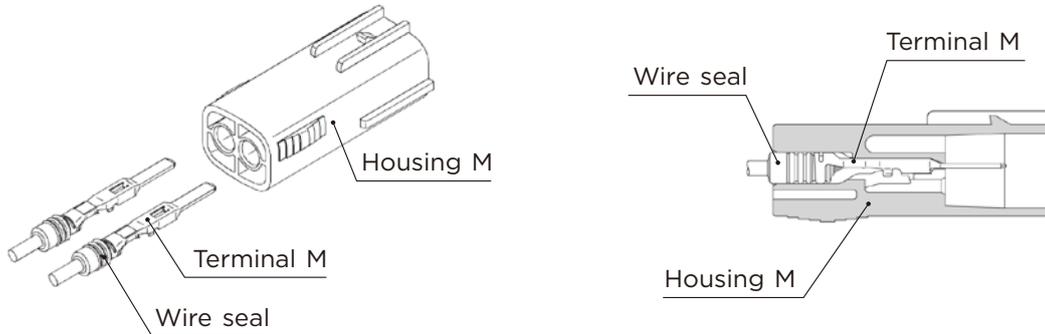
K-05

SL SEALED SERIES

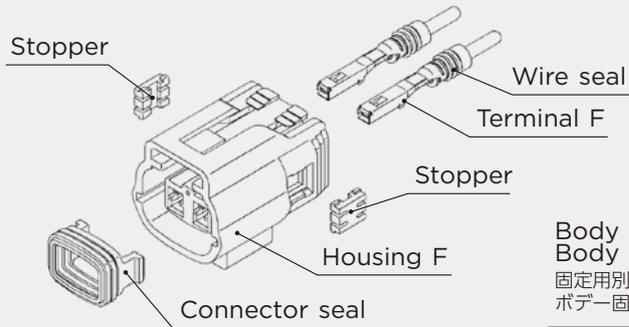
SL SEALED SERIES for STANDARD

2.3mm (090)

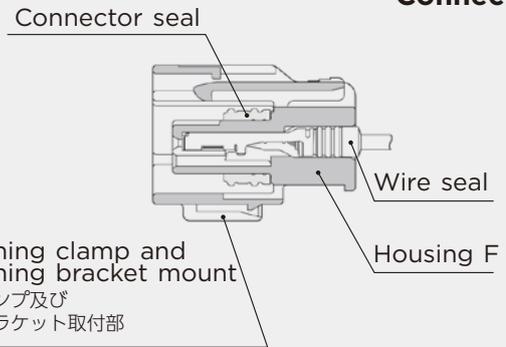
Structure



Connector M



Connector F



Body fastening clamp and
Body fastening bracket mount
固定用別体クランプ及び
ポデー固定用ブラケット取付部

2.3mm (090)

Terminal (UNIT : mm)

Ref; 2.3mm Terminal detail

S	M (8230-4472)	F (8100-1427)	M-03
S	M (1500-0159)	F (8100-1458)	M-03
M	M (8230-4562)	F (8100-1429)	M-03
M	M (1500-0169)	F (8100-1460)	M-03
L	M (8230-4552)	F (8100-1428)	M-03
L	M -	F (8100-1459)	M-03

Regarding "Gold-plated Terminal", please refer "M-03".
AuメッキターミナルはM-03ご参照

2.3mm (090)

Wire seals (UNIT : mm)

- Male / Female Shared
- M、F 共用です。

(S)**(7165-0516)**

Cable overall diameter(mm) Over than 1.4 mm below 1.6 mm

Material Silicone

Color Black

**(M)****(7165-0515)**

Cable overall diameter(mm) Over than 1.6 mm below 2.4 mm

Material Silicone

Color Gray

**(L)****(7165-0514)**

Cable overall diameter(mm) Over than 2.4 mm below 2.7 mm

Material Silicone

Color Dark Green



2.3mm (090)

Dummy plugs (UNIT : mm)

Ref; 2.3mm Dummy plug detail

- Male / Female Shared
- Dummy plugs are used to blind unused terminal holes.
- M、F 共用です。
- 不必要なターミナル穴を塞ぐために、ダミー栓を使用します。

2.3mm (090)

Housing (UNIT : mm)

Ref: Terminal part No. K-06

Ref: wire seal No. K-06

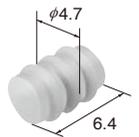
Ref: Dummy plug No. K-07

Material PBT

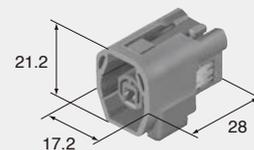
(P5)**(7165-0193)**

Material Silicone

Color Green

**1way**

Color Dark Gray

**M (6181-0436)****F (6189-0639)**

Color Dark Gray

Note K-11
Clamp:TYPE1**K-07**

SL SEALED SERIES

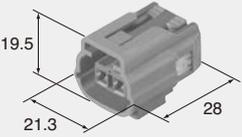
2way

Color Dark Gray



M (6181-0437)

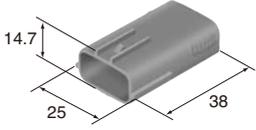
F (6189-8152)



Color Dark Gray
Note K-11
Clamp:TYPE1

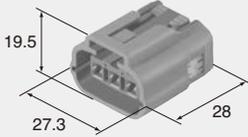
3way

Color Dark Gray



M (6181-0438)

F (6189-7784)



Color Dark Gray
Note K-11
Clamp:TYPE1

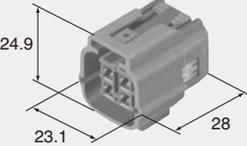
4way

Color Dark Gray



M (6181-0439)

F (6189-0643)



Color Dark Gray
Note K-11
Clamp:TYPE1

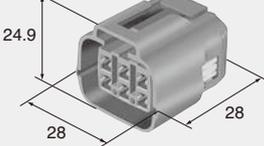
6way

Color Dark Gray



M (6181-0440)

F (6189-0648)

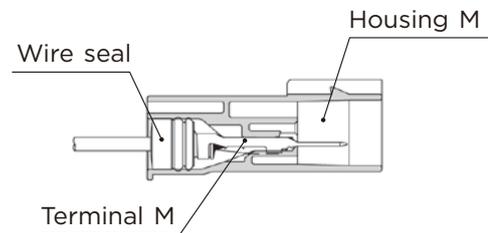
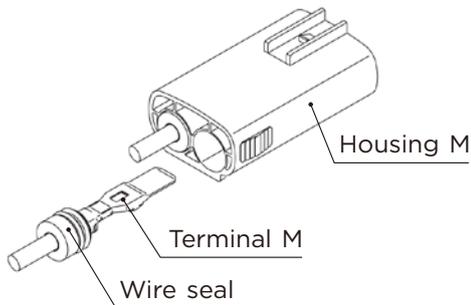


Color Dark Gray
Note K-11
Clamp:TYPE1

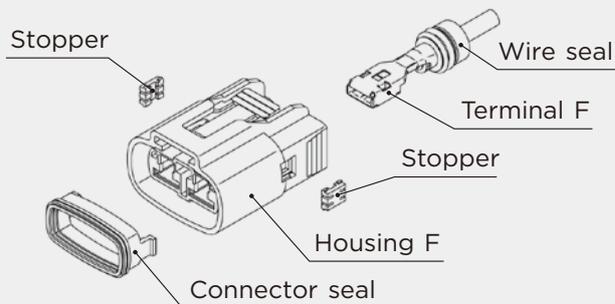
SL SEALED SERIES for STANDARD

8.0mm (312)

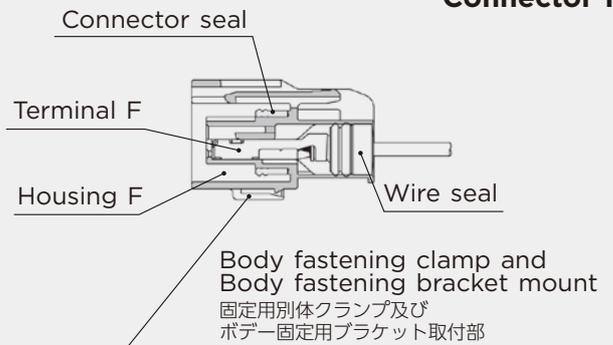
Structure



Connector M



Connector F



K-09

SL SEALED SERIES

8.0mm (312)

(E)	(J)
Cable size	: 適用電線サイズ
Cable overall diameter	: 電線仕上り外径
Heat-resistant copper alloy	: 耐熱銅合金
Brass	: 黄銅
Surface treatment	: 表面処理
Tin-plated	: Snメッキ

Terminal (UNIT : mm)

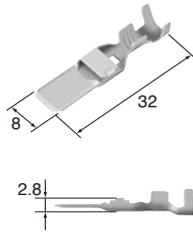
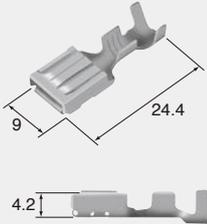
※ For terminal selection, please contact our sales staff.

※ターミナル選定にあたっては、必ず弊社営業担当にお問い合わせください。

(M)Cable size (mm²) 2.0~3.0

Material Brass

Surface treatment Tin-plated

**M (8100-3259)****F (8100-3257)**Cable size (mm²) 2.0~3.0

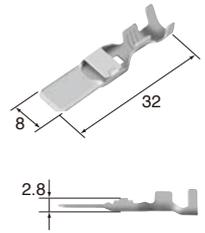
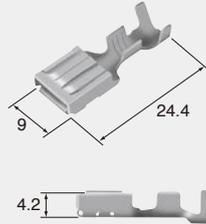
Material Heat-resistant copper alloy

Surface treatment Tin-plated

(L)Cable size (mm²) 5.0~8.0

Material Brass

Surface treatment Tin-plated

**M (8100-3260)****F (8100-3258)**Cable size (mm²) 5.0~8.0

Material Heat-resistant copper alloy

Surface treatment Tin-plated

K-10

8.0mm (312)**Wire seals** (UNIT : mm)

Ref; 8.0mm Wire Seals detail

SS (7165-0683) B-25**S (7165-0400)** B-25**M (7165-0392)** B-25**L (7165-0393)** B-25

- Male / Female Shared
- M、F 共用です。

8.0mm (312)**Dummy plugs** (UNIT : mm)

Ref; 8.0mm Dummy plug detail

(7165-0180) B-26

- Male / Female Shared
- Dummy plugs are used to blind unused terminal holes.
- M、F 共用です。
- 不必要なターミナル穴を塞ぐために、ダミー栓を使用します。

8.0mm (312)**Housing** (UNIT : mm)

Ref: Terminal part No. K-09

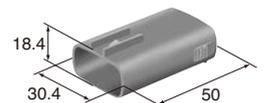
Ref: wire seal No. B-25

Ref: Dummy plug No. B-26

Material PBT

2way

Color Dark Gray

**M (6181-0613)****F (6189-0915)**

Color Dark Gray

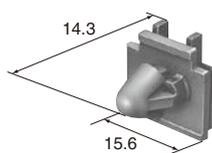
Note K-11
Clamp:TYPE1

SL SEALED SERIES CONNECTOR ACCESSORIES

Type 1

(6810-1584)

Material	PBT
Color	Brown
hole size	7.2×10.2
Plate thickness range for clamp クランプ適合板厚	t=0.7~2.0



Mounting clip (mm)

Mounting clip can be installed on the standard type connectors.
※ The detail dimensions for the mounting portion are specified on the drawing.

1.5mm 標準・2.3mm 標準・8.0mm 標準のコネクタには、ボデー固定用クランプを必要に応じて取付けることができます。
※取付部詳細寸法は、別途図面により規定します。

K-11

SL SEALED SERIES