

SL SERIES

Features

P-01

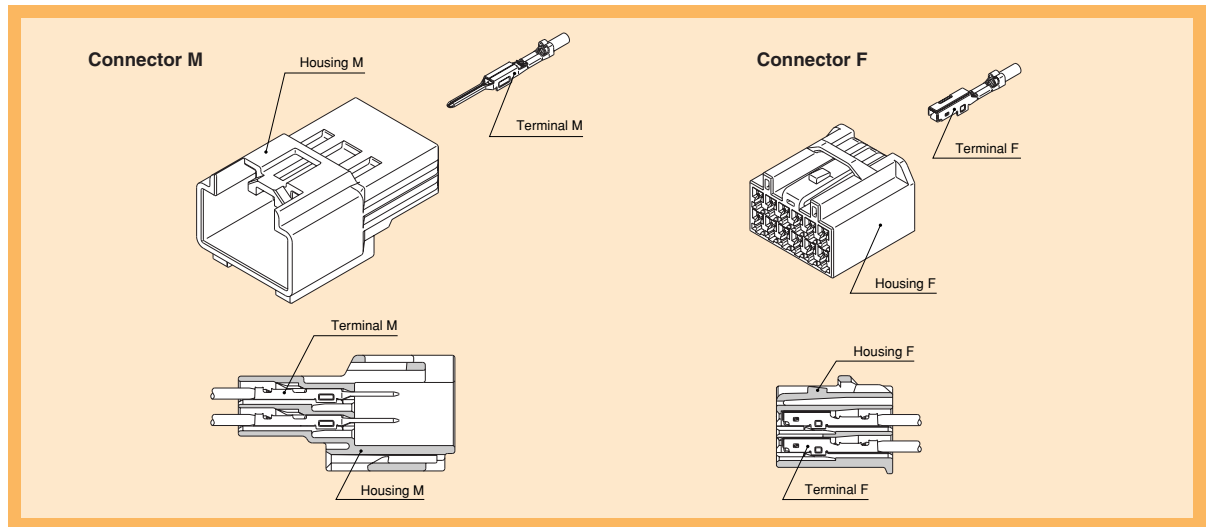
The SL connector series is a highly reliable connector with a single locking structure.

This series consists 060, 090, and 110 types (060, 110, 187, and 312 types for the hybrid model) classified according to terminal size, covering an extensive array of applications from signal circuits to low power circuits.

- The employment of an inertia locking system ensures the complete engagement of the connectors (this system is not incorporated in some connectors).
- These connectors can be directly secured to a bracket on the car body.
- A PCB model is also available for connection to printed circuit boards.

(Note: Please use a dedicated jig for this connector series. Our sales staff are available for inquiries related to this jig.)

Structure



Terminal (UNIT: mm)

Note) L size terminal can be used for 12 and 34 poled connectors with insertion cavity specified.
For details please contact our sales staff.

P-02

060
(S)

Cable size (mm ²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	5000
Thickness (mm)	0.3

(Tab thickness : 0.8)

M(8100-3382)

Cable size (mm ²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	5000
Thickness (mm)	0.25

(Tab thickness : 0.8)

F(8100-3391)

Cable size (mm ²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Gold-plated
Reel (piece)	5000
Thickness (mm)	0.3

(Tab thickness : 0.8)

M(8230-4883)

Cable size (mm ²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Gold-plated
Reel (piece)	5000
Thickness (mm)	0.25

(Tab thickness : 0.8)

F(8240-0135)

060
(M)

Cable size (mm ²)	0.75, 0.85~1.25
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.3

(Tab thickness : 0.8)

M(8100-3383)

Cable size (mm ²)	0.75, 0.85~1.25
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.25

(Tab thickness : 0.8)

F(8100-3392)

060
(L)

Cable size (mm ²)	2.0
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.3

(Tab thickness : 0.8)

M(8100-3384)

Cable size (mm ²)	2.0
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.25

(Tab thickness : 0.8)

F(8100-3393)

Note)

Note)

SL SERIES

060(1.5 mm) / STANDARD

Housing (UNIT: mm)

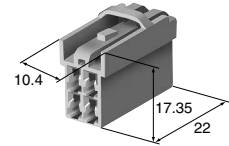
Material / P.B.T.

Color / Natural

Note) Connector can be used together with 2 mm² wire are 12 and 34 poled connectors. For details of each product, please contact our sales staff.

4way

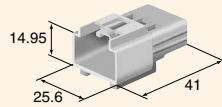
Terminal part No. P-02



F(6098-3456)

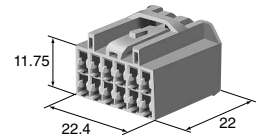
12way

Terminal part No. P-02



M(6098-3449)

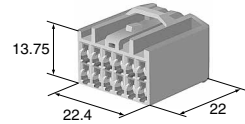
Terminal part No. P-02



F(6098-3457)

12way

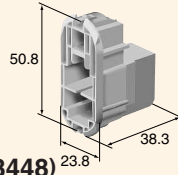
Terminal part No. P-02



F(6098-4876)

14way

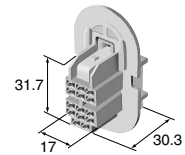
Terminal part No. P-02



Note)

M(6098-3448)

Terminal part No. P-02

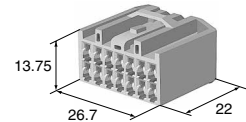


Note)

F(6098-3455)

14way

Terminal part No. P-02

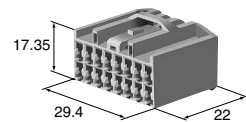


Note)

F(6098-4877)

16way

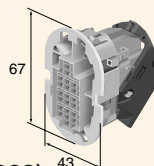
Terminal part No. P-02



F(6098-3453)

34way

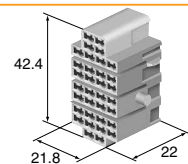
Terminal part No. P-02



Note)

M(6098-3868)

Terminal part No. P-02



Note)

F(6098-3866)

P-03

SL SERIES

060, 110(1.5 mm, 2.8 mm)/HYBRID

Terminal

● Ref:060 Terminal (page P-02), 110 Terminal (page P-08)

Note) L size terminal can be used for 12 and 34 poled connectors with insertion cavity specified.
For details please contact our sales staff.

Housing (UNIT: mm)

Material / P.B.T.

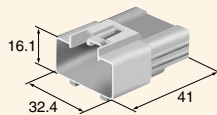
Color / Natural

No. of way : () corresponds to 060, 110, in order from left to right.

Note) Connector can be used together with 2 mm² wire are 12 and 34 poled connectors. For details of each product, please contact our sales staff.

14way
(10+4)

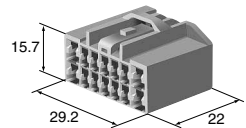
Terminal part No. [060] P-02
[110] P-08



Note)

M(6098-3450)

Terminal part No. [060] P-02
[110] P-08



Note)

F(6098-3458)

SL SERIES

060(1.5 mm)/PCB

P-04

Housing (UNIT: mm)

Material / P.B.T.

12way

Connector F part No.

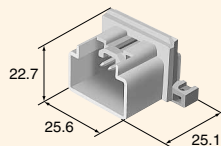
(6098-4876)

Terminal type

060

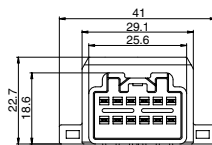
Color

Natural

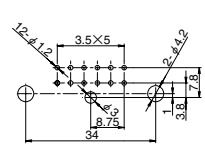


M(6098-4912)

● Dimensional drawing



● Mounting drawing



16way

Connector F part No.

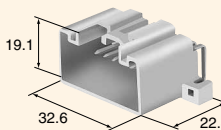
(6098-3453)

Terminal type

060

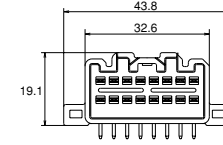
Color

Natural

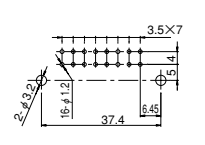


M(6098-3451)

● Dimensional drawing



● Mounting drawing



16way
(Vertical type)

Connector F part No.

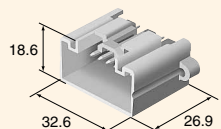
(6098-3453)

Terminal type

060

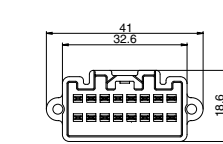
Color

Natural

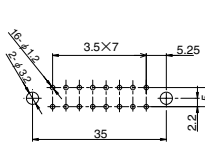


M(6098-4892)

● Dimensional drawing

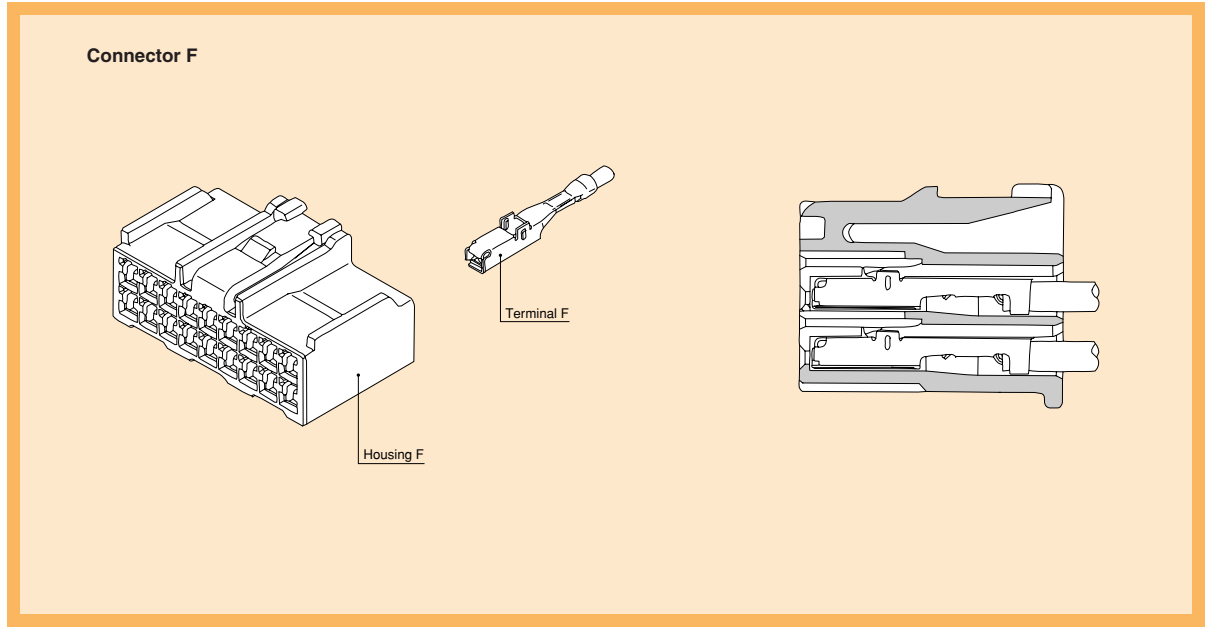


● Mounting drawing



This series is based on DL connector, which had been single locking mechanism.

Structure

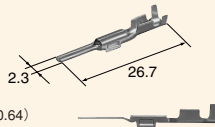


Terminal (UNIT: mm)

Regarding "Gold-plated Terminal", please see "A-19".

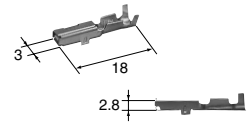
Cable size (mm ²)	0.3~0.5
Material	Brass
Surface treatment	Tin-plated
Reel (piece)	5000
Thickness (mm)	0.3

(Tab thickness : 0.64)



M(8230-4492)

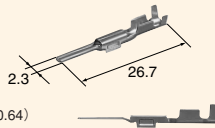
Cable size (mm ²)	0.3~0.5
Material	Brass
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.25



F(8240-4882)

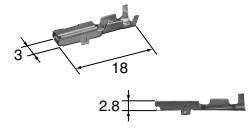
Cable size (mm ²)	0.5~1.25
Material	Brass
Surface treatment	Tin-plated
Reel (piece)	5000
Thickness (mm)	0.3

(Tab thickness : 0.64)



M(8230-4502)

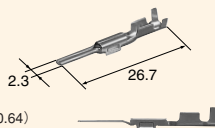
Cable size (mm ²)	0.5~1.25
Material	Brass
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.25



F(8240-4892)

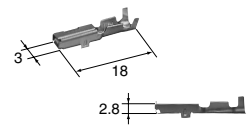
Cable size (mm ²)	2.0
Material	Brass
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.3

(Tab thickness : 0.64)



M(8230-4512)

Cable size (mm ²)	2.0
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	4000
Thickness (mm)	0.25



F(8240-4942)

090

P-05

SL SERIES

090(2.3 mm) / STANDARD

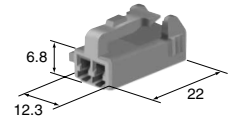
Housing (UNIT: mm)

Material / P.B.T.

Color / Natural

2way

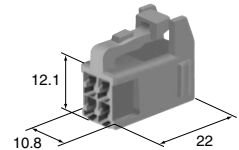
Terminal part No. P-05



F(6240-5337)

4way

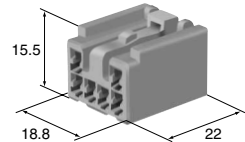
Terminal part No. P-05



F(6240-0538)

6way

Terminal part No. P-05

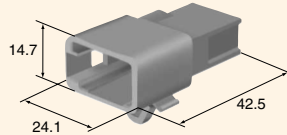


F(6240-5339)

Terminal part No. P-05

Note

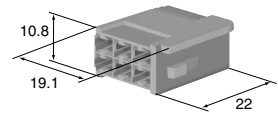
With body fastening clamp



M(6098-2679)

Clamp fitting size :
Plate thickness t = 0.6~2.0mm
Hole=7.2mm×12mm

Terminal part No. P-05



F(6098-2680)

12way

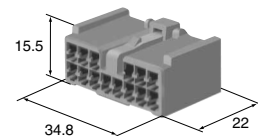
Terminal part No. P-05



F(6098-1714)

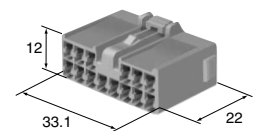
14way

Terminal part No. P-05



F(6098-1747)

Terminal part No. P-05



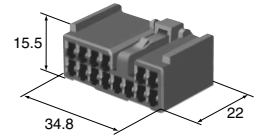
F(6098-2101)

SL SERIES

090(2.3 mm) / STANDARD

14way

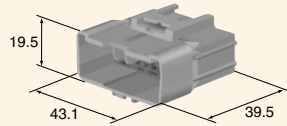
Terminal part No. P-05
Color Black



F(6098-1774)

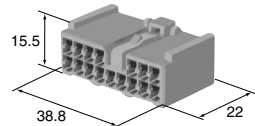
16way

Terminal part No. P-05



M(6098-1744)

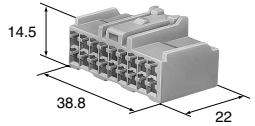
Terminal part No. P-05



F(6098-1746)

18way

Terminal part No. P-05



F(6098-1627)

P-07

SL SERIES

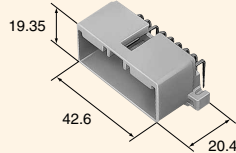
090(2.3 mm) / PCB

Housing (UNIT: mm)

Material / P.B.T.

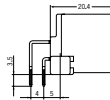
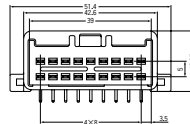
18way

Connector F part No.
(6098-1627)
Terminal type
090
Color
Natural

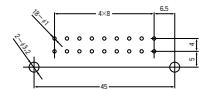


M(6098-1622)

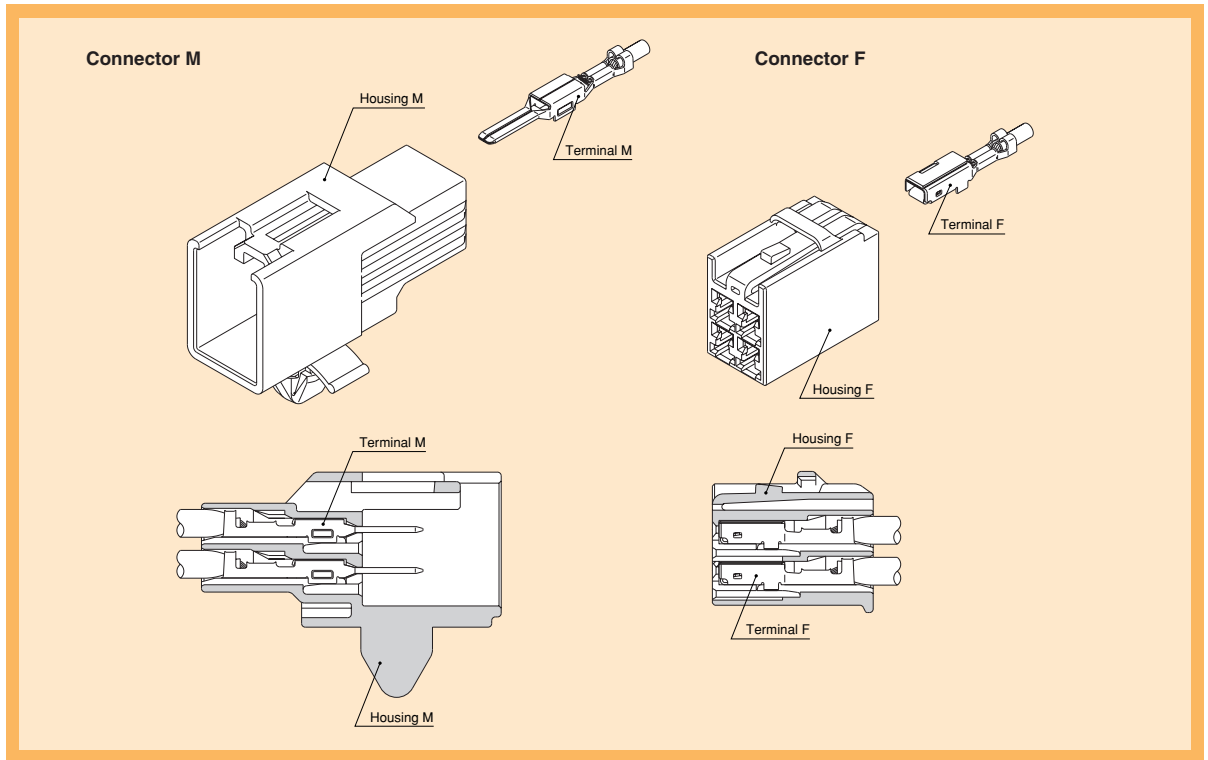
● Dimensional drawing



● Mounting drawing



Structure

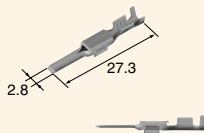


P-08

Terminal (UNIT: mm)

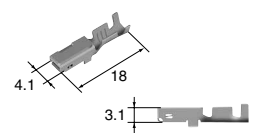
110 (S)

Cable size (mm ²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	2000
Thickness (mm)	0.3



(Tab thickness : 0.8)
M(8100-3385)

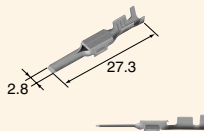
Cable size (mm ²)	0.3~0.5
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	2000
Thickness (mm)	0.3



F(8100-3394)

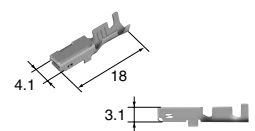
110 (M)

Cable size (mm ²)	0.85~1.25
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	2000
Thickness (mm)	0.3



(Tab thickness : 0.8)
M(8100-3386)

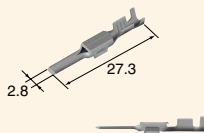
Cable size (mm ²)	0.85~1.25
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	2000
Thickness (mm)	0.3



F(8100-3395)

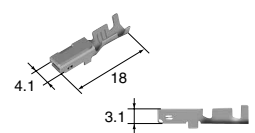
110 (L)

Cable size (mm ²)	2.0~3.0
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	2000
Thickness (mm)	0.3



(Tab thickness : 0.8)
M(8100-3387)

Cable size (mm ²)	2.0~3.0
Material	Heat-resistant copper alloy
Surface treatment	Tin-plated
Reel (piece)	2000
Thickness (mm)	0.3



F(8100-3396)

SL SERIES

110(2.8 mm)/STANDARD

Housing (UNIT: mm)

Material/P.B.T.

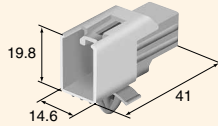
Color/Natural

4way

Terminal part No. P-08

Note

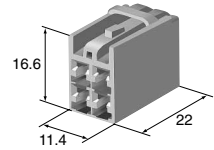
With body fastening clamp



Clamp fitting size :
Plate thickness t = 0.6~2.0mm
Hole=7.2mm×10.2mm

M(6098-3452)

Terminal part No. P-08



F(6098-3459)

SL SERIES

110, 312(2.8 mm, 7.8 mm)/HYBRID

Terminal

●Ref:110 Terminal (page P-08), 312 Terminal (page A-27)

Housing (UNIT: mm)

Material/P.B.T.

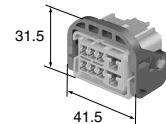
No. of way : () corresponds to 110, 312, in order from left to right.

8way
(6+2)

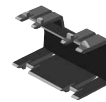
Terminal part No. [110] P-08

[312] A-27

Color Natural



F(6950-1176)



Cover No. (6911-2452)

P-09

SL SERIES

187, 312(4.8 mm, 7.8 mm)/HYBRID

Terminal

● Ref:187 Terminal (page A-24), 312 Terminal (page A-27)

Housing (UNIT: mm)

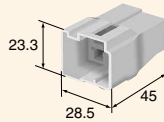
Material/P.B.T.

Color/Natural

No. of way : () corresponds to 187, 312, in order from left to right.

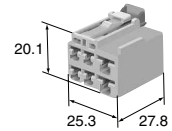
6way
(4+2)

Terminal part No. [187] A-24
[312] A-27



M(6098-2729)

Terminal part No. [187] A-24
[312] A-27



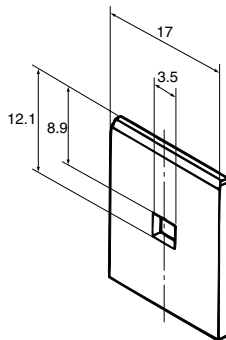
F(6098-2676)

SL SERIES

BRACKETS

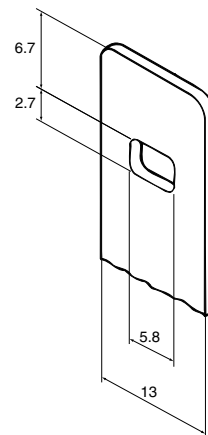
▶▶ Bracket for attaching (UNIT: mm) ◀◀

- 060/STANDARD For 12way
- 060/HYBRID For 14(10+4)way
- 090/STANDARD For 16way



t = 1.4mm

- 187/HYBRID For 6(4+2)way



t = 1.2mm

Note) The dimensions as shown here are reference dimensions and detail dimensions for mounting portion of the bracket are specified in the official drawing. Please contact our sales staff.