



# 91 SERIES

## Features

The 91 connector series is an improved, miniaturized version of the conventional 62 series (C type) and 58 series (S type). Multi-way, light-insertion, and lever-system connectors are available.

This series consists of 030 and 090 types (030, 090, and 250 types for the hybrid model) classified according to terminal size, supporting use in a variety of control circuits and low power circuits.

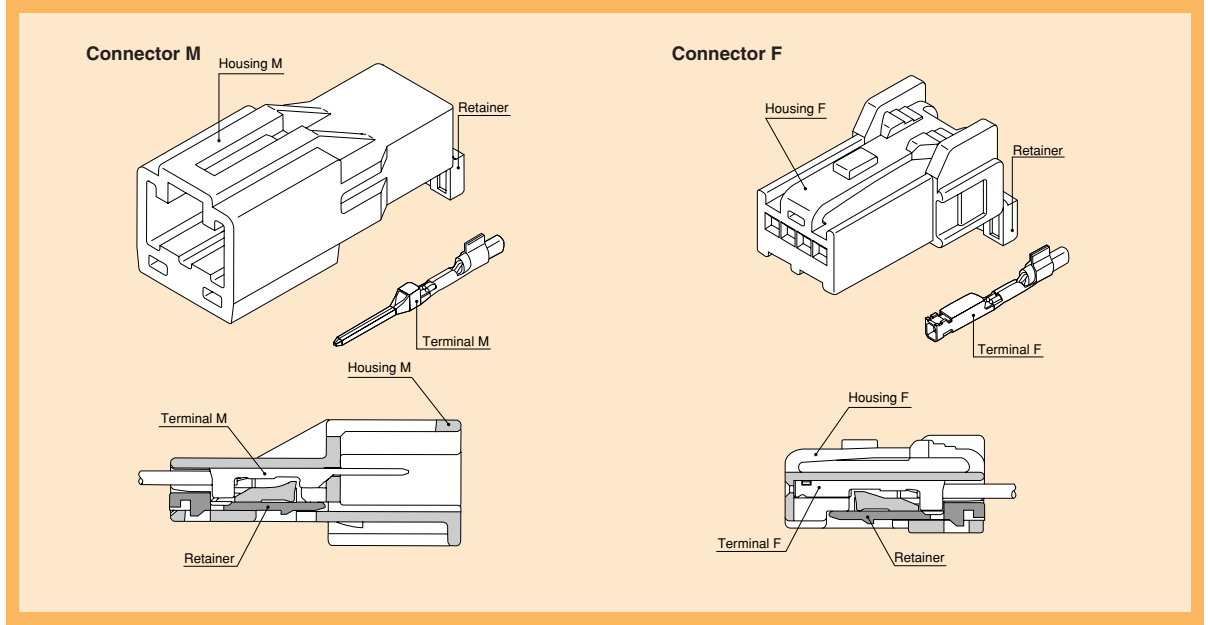
- The connector mechanism only allows the retainer to be set when the terminal is completely inserted.
- Retainers are pre-mounted on the connector housing, and are structured to enable setting by the same simple operation regardless of the number of ways, improving operability.
- An inertia locking system is used to prevent semi-engagement (this system is not incorporated in some connectors).
- Standard connectors can be directly secured to a bracket on the car body.
- A PCB model is also available for connection to printed circuit boards.

# 91 SERIES

030(0.8 mm) / STANDARD A

The 030 connector is a miniaturized C type 62 Series.  
The retainer is temporarily attached to the connector in advance.

## Structure



L-02

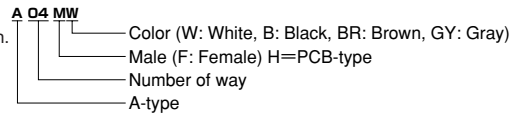
## Terminal

※For terminal selection, please contact our sales staff.

## Housing (UNIT: mm)

Material / P.B.T.

●Explanation of products name sign.



4way

Ref: Terminal part No. ※

**M(6098-1116) A 04 MW**

Ref: Terminal part No. ※

**F(6098-1120) A 04 FW**

8way

Ref: Terminal part No. ※

**M(6098-1117) A 08 MW**

Ref: Terminal part No. ※

**F(6098-1121) A 08 FW**

\* Detail dimensions for mounting portion of the bracket are specified in the official drawing. Please contact our sales staff.

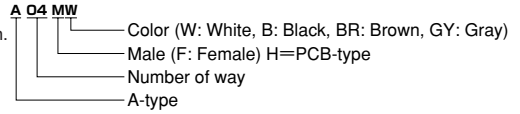
# 91 SERIES

030(0.8 mm) / PCB

## Housing (UNIT: mm)

Material / P.B.T.

● Explanation of products name sign.



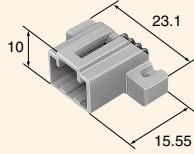
4way

Connector F part No.

(6098-1120)

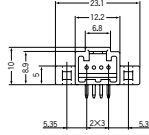
Terminal type

030

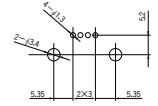
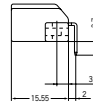


**M(6098-1282)** A 04 HW

● Dimensional drawing



● Mounting drawing



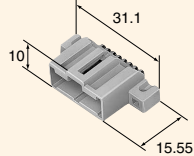
8way

Connector F part No.

(6098-1121)

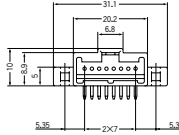
Terminal type

030

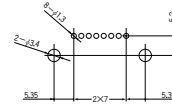
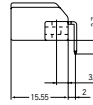


**M(6098-1141)** A 08 HW

● Dimensional drawing



● Mounting drawing

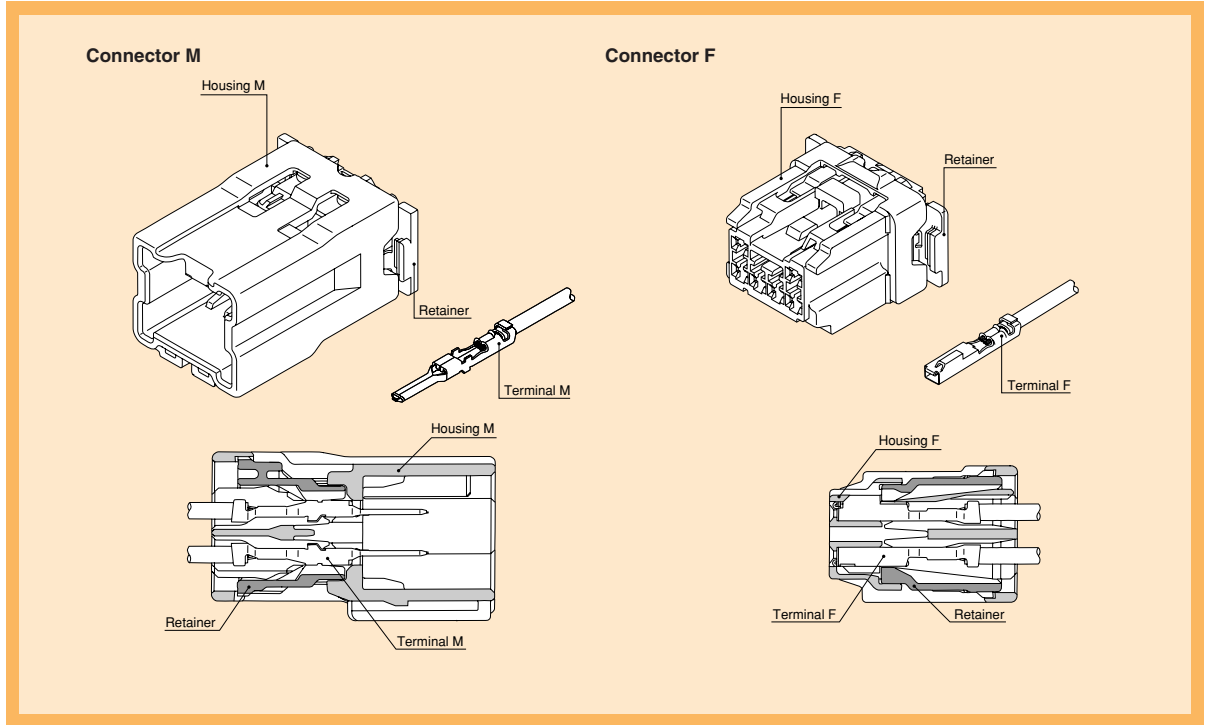


# 91 SERIES

090(2.3 mm) / STANDARD NS

The 090 connector is a miniaturized S type 58 Series.  
The retainer is temporarily attached to the connector in advance.

## Structure



## Terminal

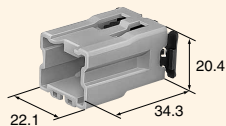
※For terminal selection, please contact our sales staff.

## Housing (UNIT: mm)

Material / P.B.T.

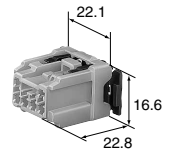
- Explanation of products name sign.
- NS 04 MW**
  - Color (W: White, B: Black, BR: Brown, GY: Gray)
  - Male (F: Female)
  - Number of way
  - NS-type

Ref: Terminal part No. ※



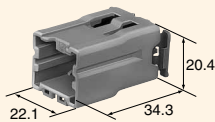
**M(6098-0999)** NS 06 MW

Ref: Terminal part No. ※



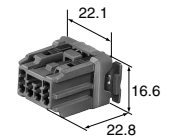
**F(6098-1214)** NS 06 FW

Ref: Terminal part No. ※



**M(6098-1007)** NS 06 MBR

Ref: Terminal part No. ※



**F(6098-1009)** NS 06 FBR

\* Detail dimensions for mounting portion of the bracket are specified in the official drawing. Please contact our sales staff.

L-04

6way

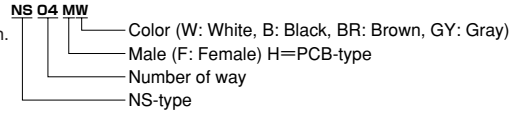
# 91 SERIES

090(2.3 mm) / PCB

## Housing (UNIT: mm)

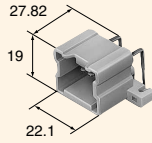
Material / P.B.T.

● Explanation of products name sign.



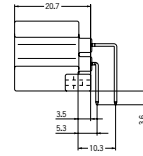
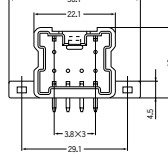
6way

Connector F part No.  
(6098-1214)  
Terminal type  
090

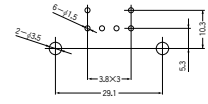


**M(6098-1198)** NS 06 HW

● Dimensional drawing



● Mounting drawing

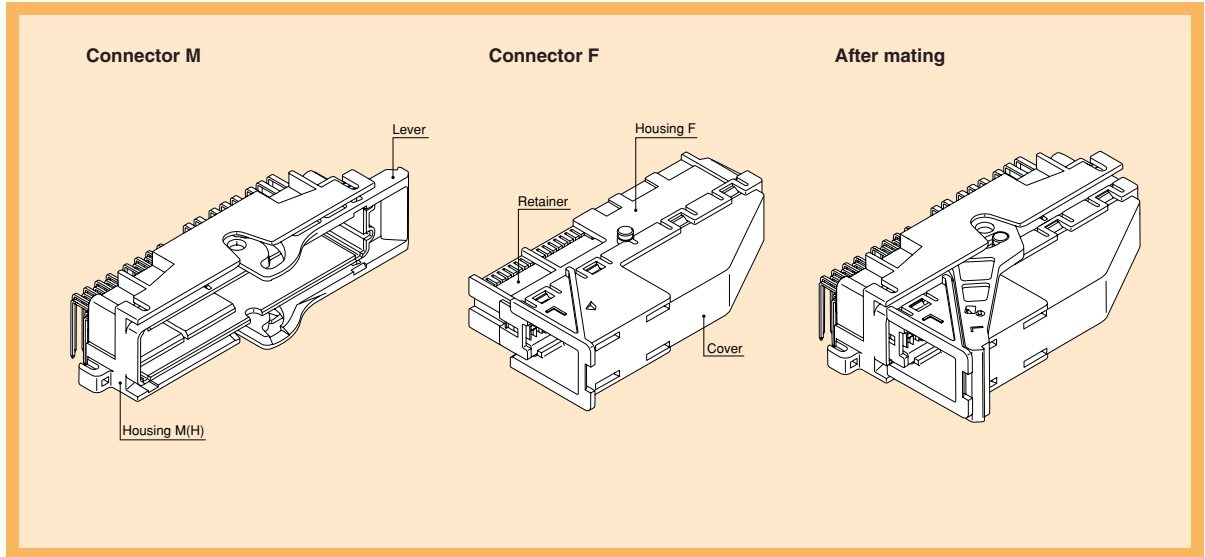


# 91 SERIES

030, 090, 250(0.8 mm, 2.3 mm, 6.6 mm) / HYBRID

Signal circuits and power circuits are accepted simultaneously.  
The multi-way connector uses a lever to lower the inserting force.

## Structure



L-06

## Terminal

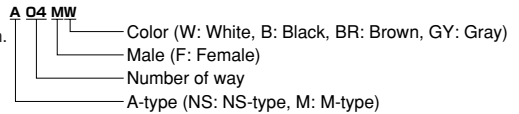
※For terminal selection, please contact our sales staff.

## Housing (UNIT: mm)

Material / P.B.T.

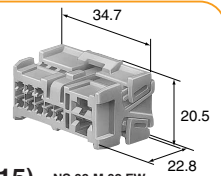
No. of way : ( ) corresponds to 030, 090, 250, in order from left to right.

●Explanation of products name sign.



10way  
(8+2)

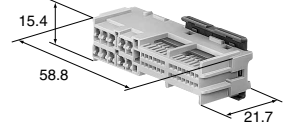
Ref: Terminal part No. [090] ※  
[250] ※



**F(6098-1715)** NS 08-M 02 FW

36way  
(26+10)

Ref: Terminal part No. [030] ※  
[090] ※

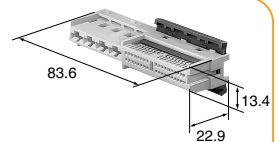


Cover No. (6911-0462)

**F(6098-1027)** A 26 FW-NS 10

40way  
(36+4)

Ref: Terminal part No. [030] ※  
[250] ※



Cover No. (6911-0483)  
Retainer No. (6918-1013)

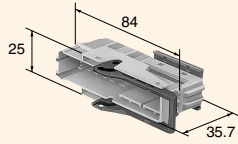
**F(6098-1108)** A 36 FW-M 04

# 91 SERIES

030, 090, 250(0.8 mm, 2.3 mm, 6.6 mm) / HYBRID

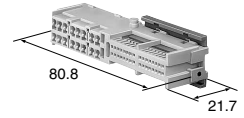
48way  
(32+16)

Ref: Terminal part No. [030] ※  
[090] ※



**M(6098-1109)** A 32 MW-NS 16

Ref: Terminal part No. [030] ※  
[090] ※



Cover No. (6911-0442)

**F(6098-1122)** A 32 FW-NS 16

# 91 SERIES

030, 090, 250(0.8 mm, 2.3 mm, 6.6 mm) / PCB

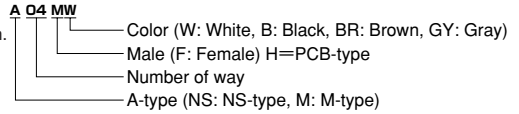
## Housing (UNIT: mm)

Material / P.B.T.

Color / Natural

No. of way : ( ) corresponds to 030, 090, 250, in order from left to right.

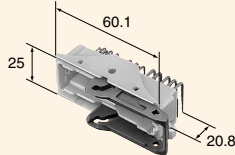
● Explanation of products name sign.



36way  
(26+10)

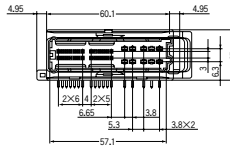
Connector F part No.  
(6098-1027)

Terminal type  
26way(030)+10way(090)

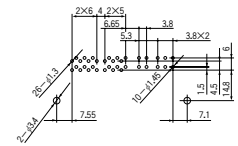


**M(6098-1022)** A 26 HW-NS 10 L

● Dimensional drawing

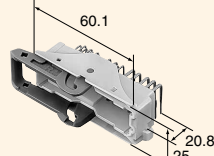


● Mounting drawing



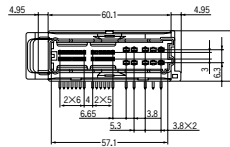
Connector F part No.  
(6098-1027)

Terminal type  
26way(030)+10way(090)

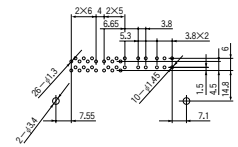


**M(6098-1023)** A 26 HW-NS 10 R

● Dimensional drawing

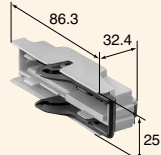


● Mounting drawing



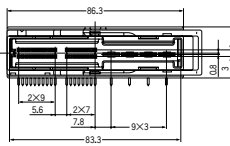
Connector F part No.  
(6098-1108)

Terminal type  
36way(030)+4way(250)

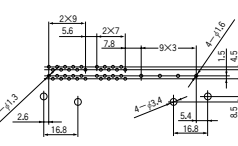


**M(6098-1106)** A 36 HW-M 04 L

● Dimensional drawing

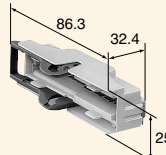


● Mounting drawing



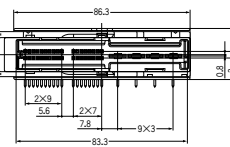
Connector F part No.  
(6098-1108)

Terminal type  
36way(030)+4way(250)

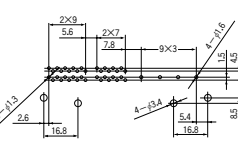


**M(6098-1107)** A 36 HW-M 04 R

● Dimensional drawing

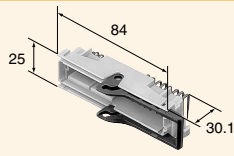


● Mounting drawing



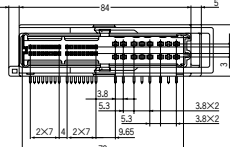
Connector F part No.  
(6098-1122)

Terminal type  
32way(030)+16way(090)

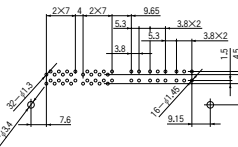


**M(6098-1442)** A 32 HW-NS 16 L

● Dimensional drawing

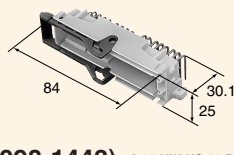


● Mounting drawing



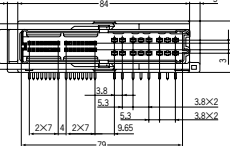
Connector F part No.  
(6098-1122)

Terminal type  
32way(030)+16way(090)



**M(6098-1443)** A 32 HW-NS 16 R

● Dimensional drawing



● Mounting drawing

