

RS SERIES

A close-up photograph of several RS series connectors. The connectors are grey plastic with multiple copper-colored wires protruding from them. They are arranged on a dark, wet surface with water droplets, creating a sense of depth and texture. The background is a soft, out-of-focus gradient from white to blue.

Features

RS series consists of a 2.3mm type classified according to terminal size, supporting use in a variety of control circuits and low power circuits.

- The RS-standard type connectors adopt an inertia locking system to prevent semi-engagement (this system is not incorporated in some connectors).

*Please contact our sales representative for product numbers.

- RoHS/ELV Compliant

特点

RS 系列的端子尺寸由2.3mm 构成，可以应用于各种控制回路与低功率回路。

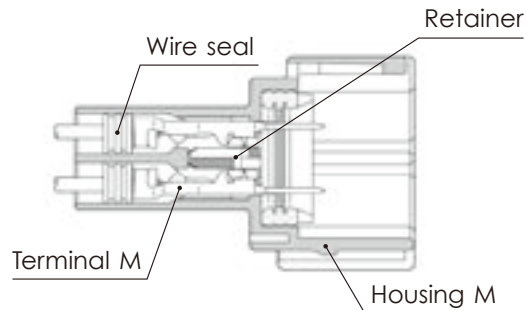
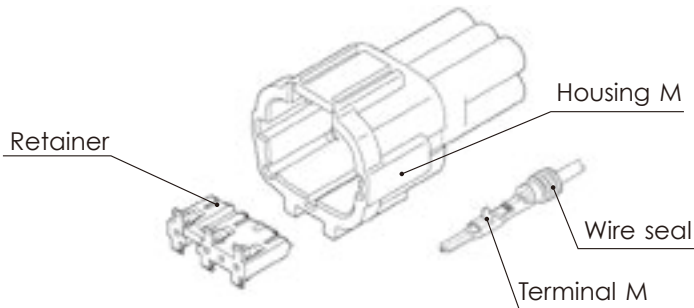
- RS 标准类型接插件采用惯性锁闭方式，使接插件不易发生半插入。
- 可对应欧盟 RoHS 和 ELV 指令

RS SERIES for STANDARD Type1

2.3mm (090)

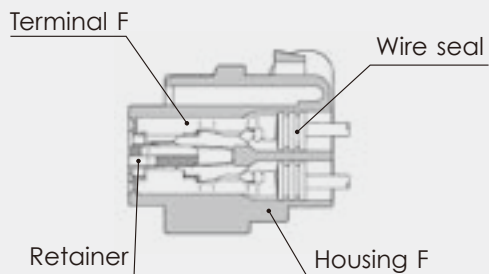
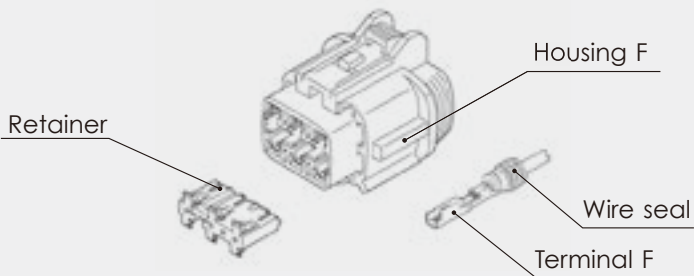
Structure / 构造

G-02



Connector M

Connector F



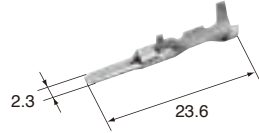
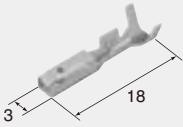
2.3mm (090)

Terminal (UNIT : mm)

端子(毫米)

(S)

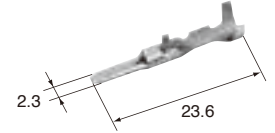
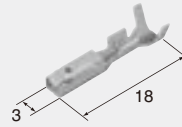
Cable size (mm²) 适用电线大小	0.3~0.5
Material 材质	Brass 黄铜
Surface treatment 表面处理	Tin-plated 镀锡

**M (8100-3803)****F (8240-0263)**

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**

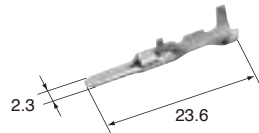
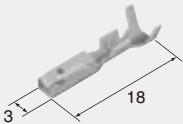
Cable size (mm²) 适用电线大小	0.3~0.5
Material 材质	Brass 黄铜
Surface treatment 表面处理	Gold-plated 镀金

**M (8100-3805)****F (8240-0266)**

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)

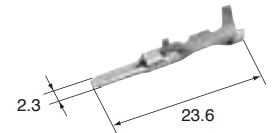
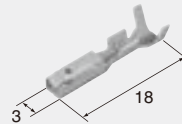
Cable size (mm²) 适用电线大小	0.85~1.25
Material 材质	Brass 黄铜
Surface treatment 表面处理	Tin-plated 镀锡

**M (8100-3804)****F (8240-0264)**

Cable size (mm²) 适用电线大小	0.85~1.25
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Tin-plated 镀锡

(M)**Au**

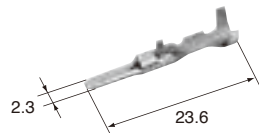
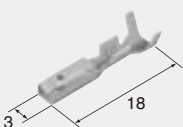
Cable size (mm²) 适用电线大小	0.85~1.25
Material 材质	Brass 黄铜
Surface treatment 表面处理	Gold-plated 镀金

**M (8100-3806)****F (8240-0267)**

Cable size (mm²) 适用电线大小	0.85~1.25
Material 材质	Heat-resistant copper alloy
Surface treatment 表面处理	Gold-plated 镀金

(L)

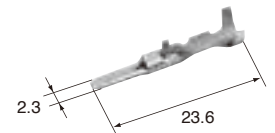
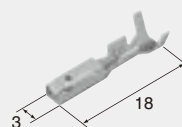
Cable size (mm²) 适用电线大小	2.0
Material 材质	Brass 黄铜
Surface treatment 表面处理	Tin-plated 镀锡

**M (8100-4172)****F (8240-0265)**

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

(L)**Au**

Cable size (mm²) 适用电线大小	2.0
Material 材质	Brass 黄铜
Surface treatment 表面处理	Gold-plated 镀金

**M (8100-4173)****F (8240-0268)**

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

G-03

RS SERIES

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。

(M)

(7165-0472)

Cable size (mm ²) 适用电线大小	(AVSS/1.25)
Cable overall diameter (mm) 带绝缘层外径	2.0~2.4
Material 材质	Silicon 硅
Color 颜色	Violet 紫



(US)

(7165-0474)

Cable size (mm ²) 适用电线大小	(AVSS/0.3) (CAVUS/0.3~0.5)
Cable overall diameter (mm) 带绝缘层外径	1.0~1.4
Material 材质	Silicon 硅
Color 颜色	Orange 橙



(S)

(7165-0473)

Cable size (mm ²) 适用电线大小	(AVSS/0.5~0.85) (CAVUS/0.85~1.25)
Cable overall diameter (mm) 带绝缘层外径	1.5~1.9
Material 材质	Silicon 硅
Color 颜色	Light Blue 淡蓝



(L)

(7165-0471)

Cable size (mm ²) 适用电线大小	(AVSS/2.0)
Cable overall diameter (mm) 带绝缘层外径	2.5~2.9
Material 材质	Silicon 硅
Color 颜色	Light Green 淡绿



2.3mm (090)

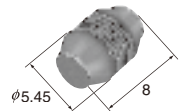
Dummy plugs (UNIT : mm)

盲塞(毫米)

- 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。

(7165-1131)

Material 材质	Silicon 硅
Color 颜色	Blue 蓝



2.3mm (090)

Housing (UNIT : mm)

接插件护套(毫米)

Ref: Terminal part No. G-02
端子参照页

Ref: wire seal No. G-04
电线密封栓参照页

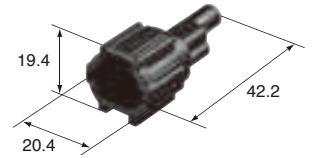
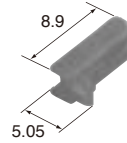
Ref: Dummy plug No. G-04
盲塞参照页

Material PBT
材质

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

※关于固定用支架相关事宜， 请向敝公司销售负责人问讯。

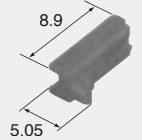
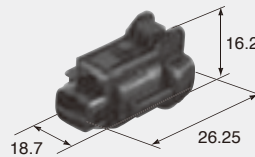
1way



Retainer No. (6918-1773)

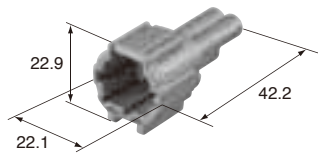
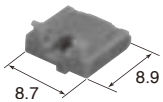
M (6188-0551) RS 01 MB

RS 01 FB **F (6185-0862)**



Retainer No. (6918-1773)

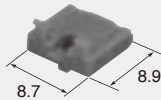
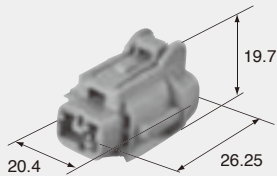
2way



Retainer No. (6918-1774)

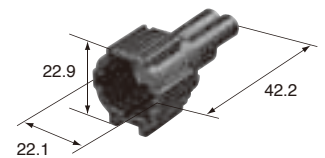
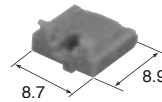
M (6188-0554) RS 02 MGY

RS 02 FGY **F (6185-0867)**



Retainer No. (6918-1774)

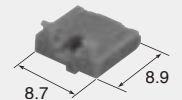
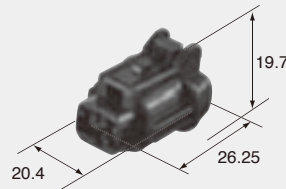
2way



Retainer No. (6918-1774)

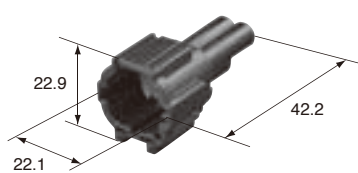
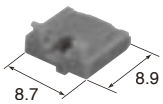
M (6188-0552) RS 02 MB

RS 02 FB **F (6185-0865)**



Retainer No. (6918-1774)

2way



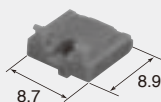
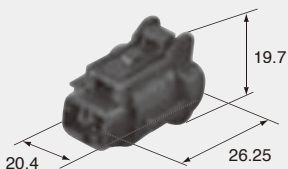
Retainer No. (6918-1774)

M (6188-0553) RS 02 MBR

RS 02 FBR **F (6185-0866)**

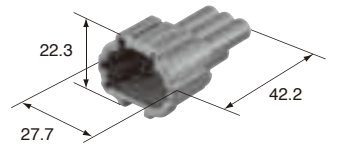
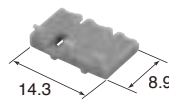
M (6188-0663) RS 02 MBR-DGY

RS 02 FBR-DGY **F (6185-1101)**



Retainer No. (6918-1774)

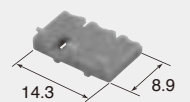
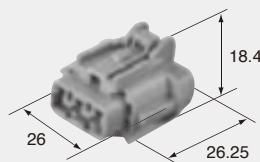
3way



Retainer No. (6918-1775)

M (6188-0556) RS 03 MGY

RS 03 FGY **F (6185-0869)**

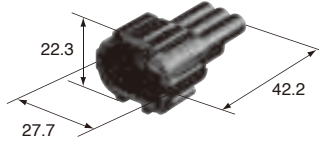
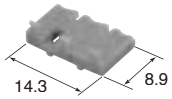


Retainer No. (6918-1775)

G-05

RS SERIES

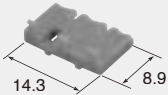
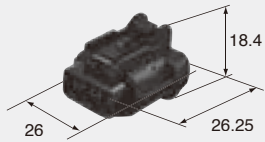
3way



Retainer No. (6918-1775)

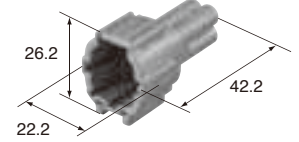
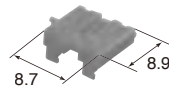
M (6188-0555) RS 03 MB

RS 03 FB **F (6185-0868)**



Retainer No. (6918-1775)

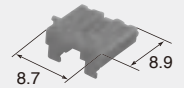
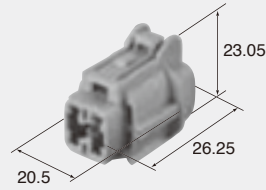
4way



Retainer No. (6918-1776)

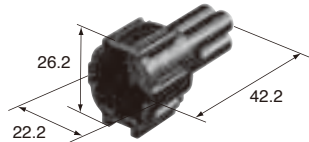
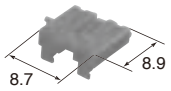
M (6188-0558) RS 04 MGY

RS 04 FGY-PR **F (6185-1171)**



Retainer No. (6918-1776)

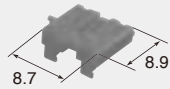
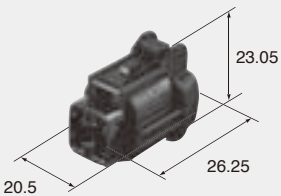
4way



Retainer No. (6918-1776)

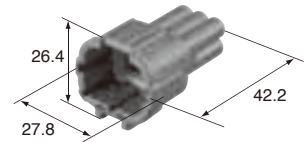
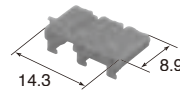
M (6188-0557) RS 04 MB

RS 04 FB-PR **F (6185-1169)**



Retainer No. (6918-1776)

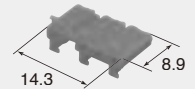
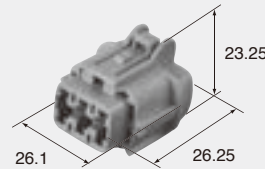
6way



Retainer No. (6918-1779)

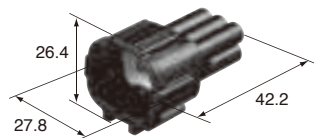
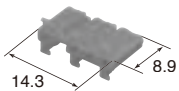
M (6188-5540) RS 06 MGY

RS 06 FGY-PR **F (6185-5177)**



Retainer No. (6918-1779)

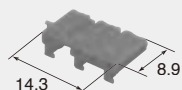
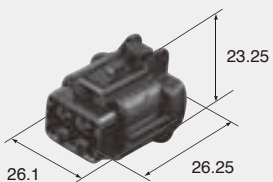
6way



Retainer No. (6918-1779)

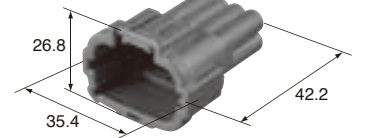
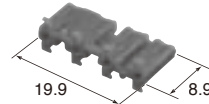
M (6188-5539) RS 06 MB

RS 06 FB-PR **F (6185-5175)**



Retainer No. (6918-1779)

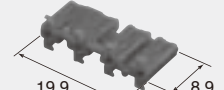
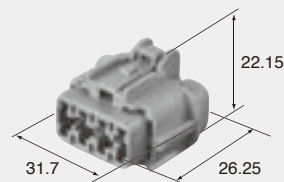
8way



Retainer No. (6918-1780)

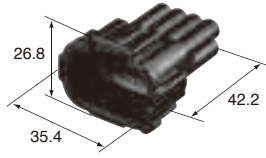
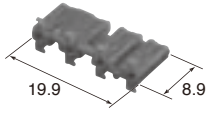
M (6188-5544) RS 08 MGY-PR

RS 08 FGY-PR **F (6185-5181)**



Retainer No. (6918-1780)

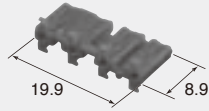
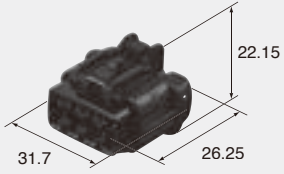
8way



Retainer No. (6918-1780)

M (6188-5542) RS 08 MB-PR

RS 08 FB-PR **F (6185-5179)**

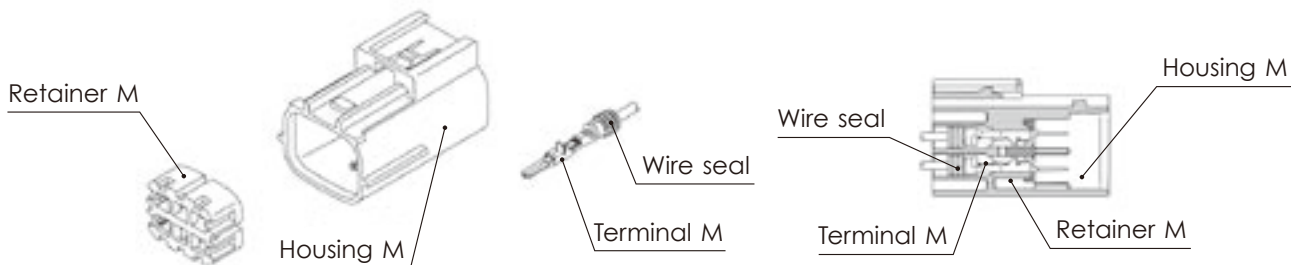


Retainer No. (6918-1780)

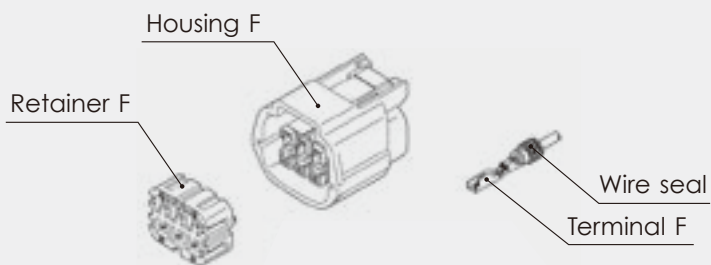
RS SERIES for STANDARD Type2

2.3mm (090)

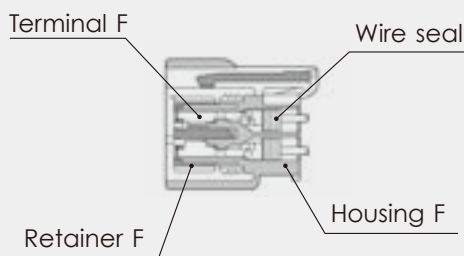
Structure / 构造



Connector M



Connector F



2.3mm (090)

Housing (UNIT : mm)

接插件护套(毫米)

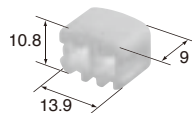
Ref: Terminal part No. G-02
端子参照页

Ref: wire seal No. G-04
电线密封栓参照页

Ref: Dummy plug No. G-04
盲塞参照页

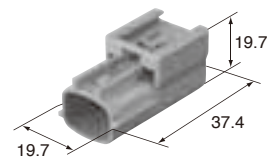
Material PBT
材质

2way

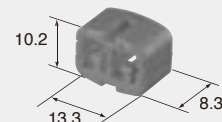
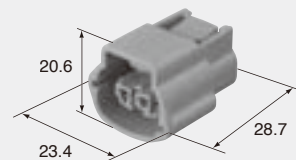


Retainer No. (6918-1653)

M (6181-0515) RS 02 MSB
M (6181-0670) RS 02 MSB-B

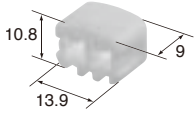


RS 02 FSB **F (6189-0951)**
RS 02 FSB-B **F (6189-1107)**



Retainer No. (6918-1651)

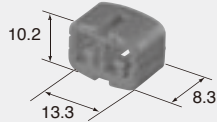
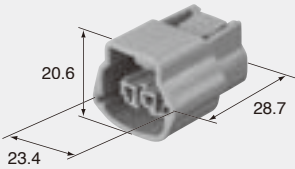
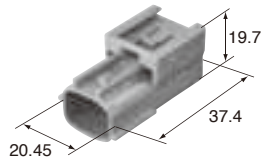
2way



Retainer No. (6918-1653)

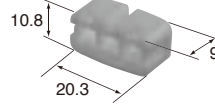
M (6181-0532) RS 02 MLGY

RS 02 FLGY **F (6189-0950)**



Retainer No. (6918-1651)

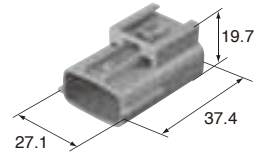
3way



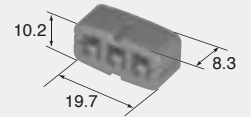
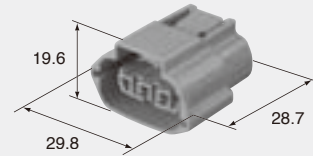
Retainer No. (6918-1654)

M (6181-0516) RS 03 MSB

M (6181-0671) RS 03 MSB-GY

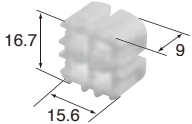


RS 03 FSB **F (6189-0928)**
RS 03 FSB-GY **F (6189-1104)**



Retainer No. (6918-1652)

4way



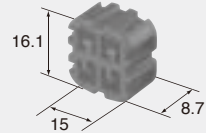
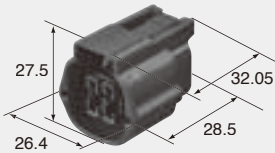
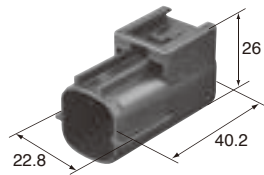
Retainer No. (6918-1598)

M (6181-0513) RS 04 MG

M (6181-0668) RS 04 MG-GY

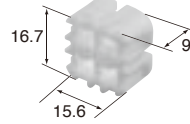
RS 04 FG **F (6189-7756)**

RS 04 FG-GY **F (6189-7757)**



Retainer No. (6918-1599)

4way



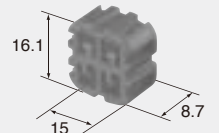
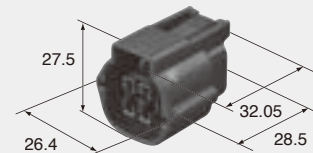
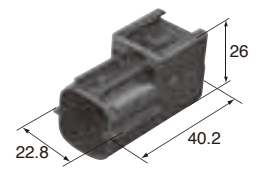
Retainer No. (6918-1598)

M (6181-0514) RS 04 ML

M (6181-0669) RS 04 ML-B

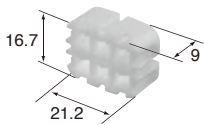
RS 04 FL **F (6189-7758)**

RS 04 FL-B **F (6189-7759)**



Retainer No. (6918-1599)

6way



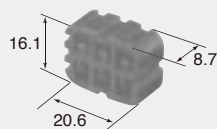
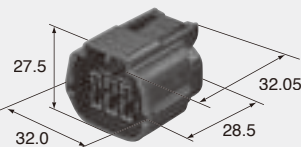
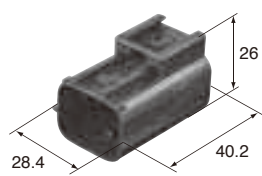
Retainer No. (6918-1600)

M (6181-0511) RS 06 MG

M (6181-0665) RS 06 MG-DGY

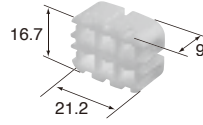
RS 06 FG **F (6189-7760)**

RS 06 FG-DGY **F (6189-7761)**



Retainer No. (6918-1601)

6way



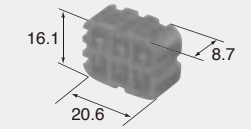
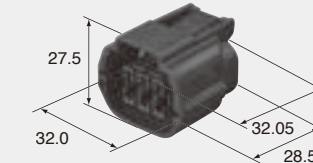
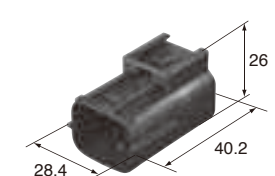
Retainer No. (6918-1600)

M (6181-0536) RS 06 ML

M (6181-0664) RS 06 ML-B

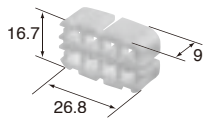
RS 06 FL **F (6189-7762)**

RS 06 FL-B **F (6189-7763)**

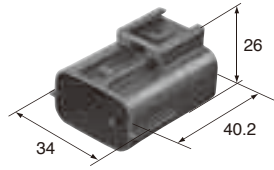


Retainer No. (6918-1601)

8way



Retainer No. (6918-1602)

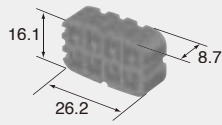
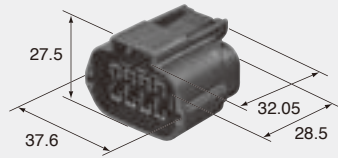


M (6181-0512) RS 08 MG

M (6181-0667) RS 08 MG-GY

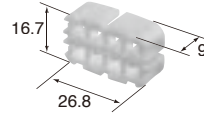
RS 08 FG **F (6189-0954)**

RS 08 FG-GY **F (6189-1108)**

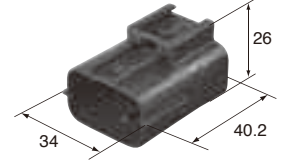


Retainer No. (6918-1603)

8way



Retainer No. (6918-1602)

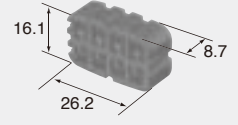
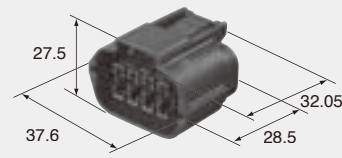


M (6181-0522) RS 08 ML

M (6181-0666) RS 08 ML-B

RS 08 FL **F (6189-0955)**

RS 08 FL-B **F (6189-1109)**

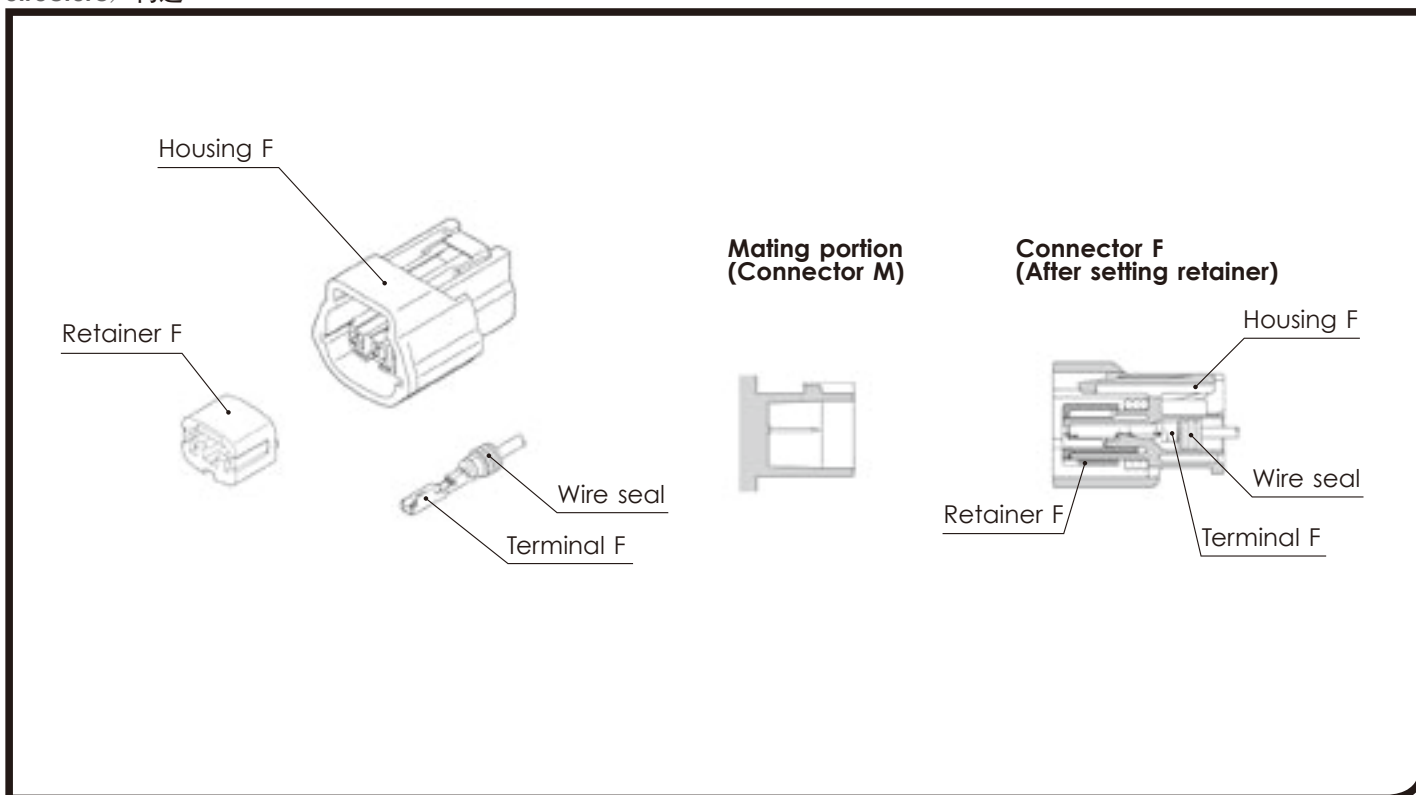


Retainer No. (6918-1603)

RS SERIES for E-RS

2.3mm (090)

Structure / 构造



G-11

RS SERIES

2.3mm (090)

Housing (UNIT : mm)

接插件护套(毫米)

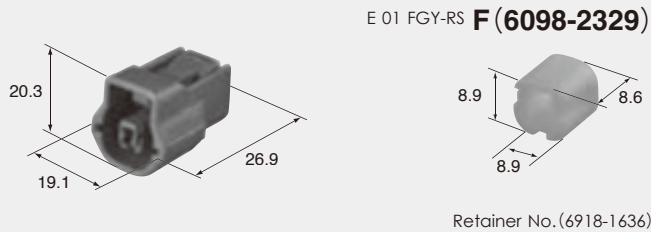
Ref: Terminal part No. G-02
端子参照页

Ref: wire seal No. G-04
电线密封栓参照页

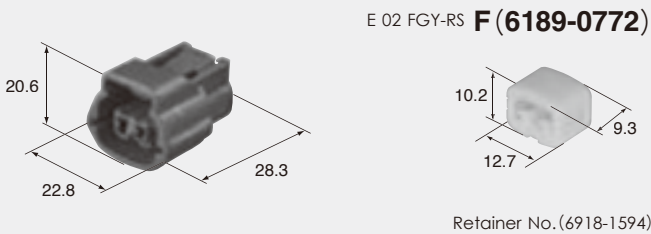
Ref: Dummy plug No. G-04
盲塞参照页

Material PBT
材质

1way

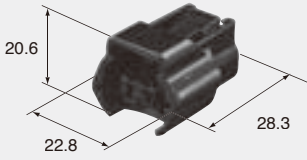


2way



2way

E 02 FB-RS **F (6189-0773)**

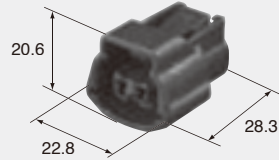


Retainer No. (6918-1594)

2way

E 02 FBR-RS **F (6189-0774)**

E 02 FBR-RS-GY **F (6189-1093)**

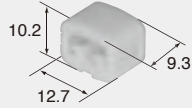
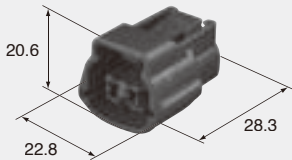


Retainer No. (6918-1594)

2way

E 02 FG-RS **F (6189-0775)**

E 02 FG-RS-LGY **F (6189-1094)**

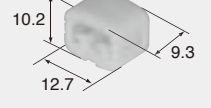
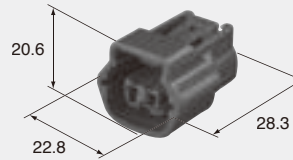


Retainer No. (6918-1594)

2way

E 02 FR-RS **F (6189-0776)**

E 02 FR-RS-GY **F (6189-1095)**

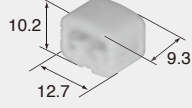
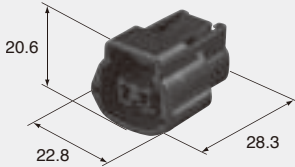


Retainer No. (6918-1594)

2way

E 02 FL-RS **F (6189-0777)**

E 02 FL-RS-LGY **F (6189-1096)**

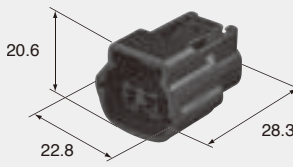


Retainer No. (6918-1594)

2way

E 02 FPU-RS **F (6189-0778)**

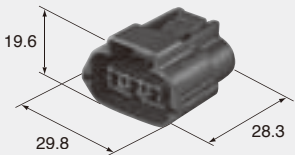
E 02 FPU-RS-B **F (6189-1097)**



Retainer No. (6918-1594)

3way

E 03 FGY-RS **F (6189-7471)**

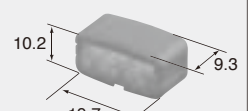
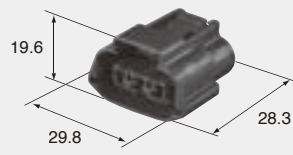


Retainer No. (6918-1595)

3way

E 03 FBR-RS **F (6189-7710)**

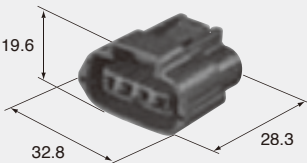
E 03 FBR-RS-B **F (6189-7711)**



Retainer No. (6918-1595)

4way

E 04 FGY-RS **F (6189-7469)**

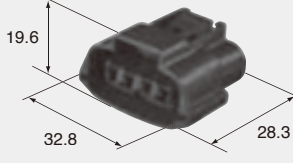


Retainer No. (6918-1596)

4way

E 04 FBR-RS **F (6189-7713)**

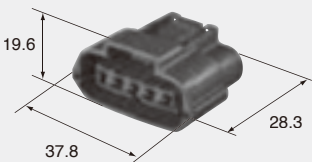
E 04 FBR-RS-LGY **F (6189-7714)**



Retainer No. (6918-1596)

5way

E 05 FGY-RS **F (6189-7470)**

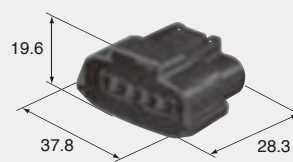


Retainer No. (6918-1604)

5way

E 05 FBR-RS **F (6189-7716)**

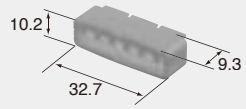
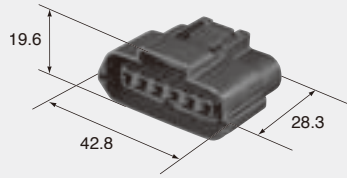
E 05 FBR-RS-B **F (6189-7717)**



Retainer No. (6918-1604)

6way

E 06 FGY-RS **F (6189-7393)**



Retainer No. (6918-1597)

