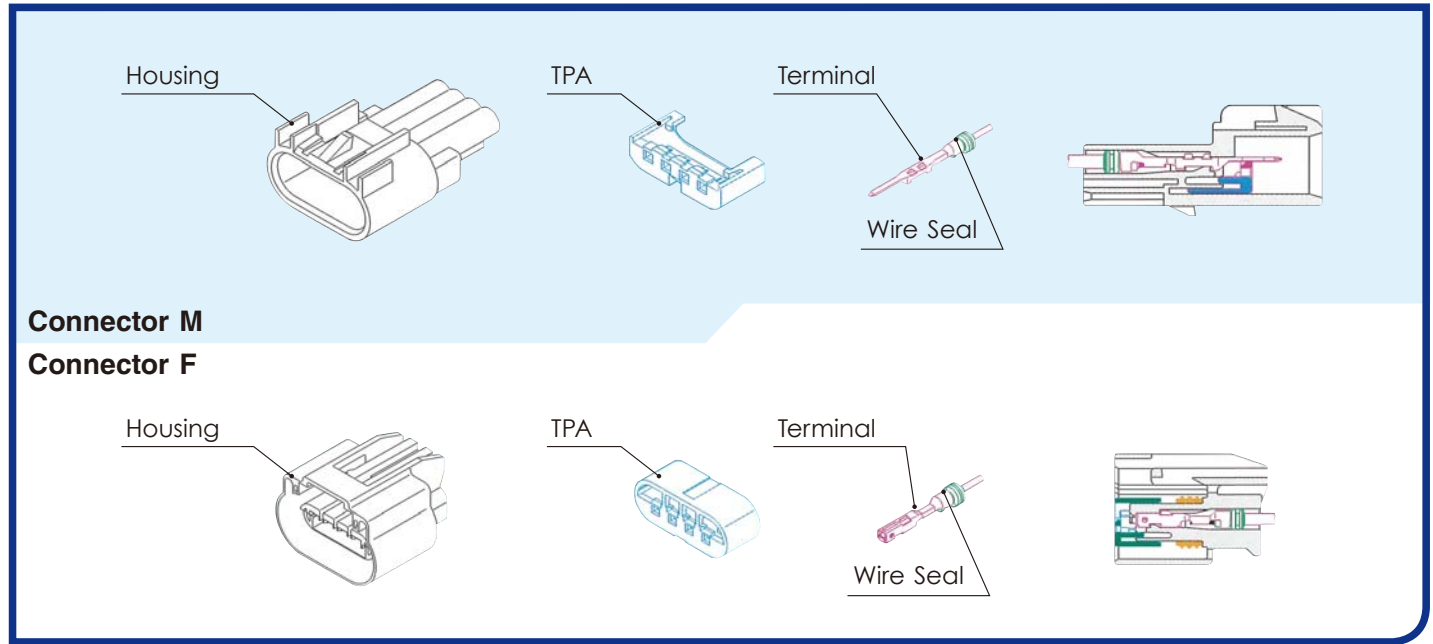


US SEALED SERIES

Structure



Features

特点

US sealed series comply with SAE/USCAR-2.

This series consists of 0.64mm, 1.5mm, 2.8mm and 9.5mm types classified according to terminal size, covering an extensive array of applications from signal to power circuits.

US防水系列达到了SAE/USCAR-2标准。

按照端子尺寸划分为0.64mm•1.5mm•2.8mm•9.5mm型, 从信号回路到电源回路, 能广泛应用。

- The connector mechanism only allows the TPA to be set when the terminal completely inserted.
- TPAs are pre-mounted on housings, and are structured to enable setting by the same simple operation regardless of the number of ways, improving operation.
- 具有当端子在半插入状态时, TPA无法组装到位的构造。
- TPA预先安装在接插件护套上, 无论多少极数都能够通过简单的统一操作进行安装, 可提高工作效率。



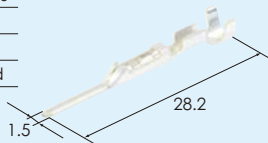
US SEALED SERIES

For INLINE

Terminal (UNIT : mm)

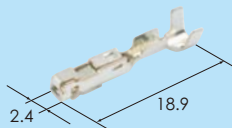
1.5 (S)

Applicable wire size (mm ²)	0.35-0.5 AWG22-20
Cable overall diameter (mm)	1.7-1.9
Material	Brass
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.64



M (8100-4366)

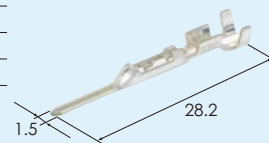
F (8100-4375)



Applicable wire size (mm ²)	0.35-0.5 AWG22-20
Cable overall diameter (mm)	1.7-1.9
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.64

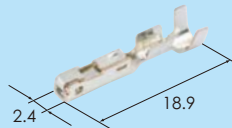
1.5 (M)

Applicable wire size (mm ²)	0.8-1.0 AWG18-16
Cable overall diameter (mm)	2.2-2.4
Material	Brass
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.64



M (8100-4373)

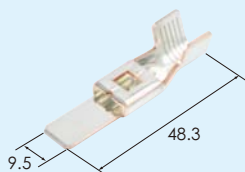
F (8100-4381)



Applicable wire size (mm ²)	0.8-1.0 AWG18-16
Cable overall diameter (mm)	2.2-2.4
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.64

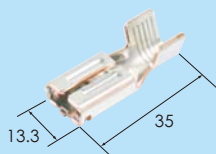
9.5

Applicable wire size (mm ²)	15-20 AWG6-4
Cable overall diameter (mm)	10.3-11.5
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	1.2



M (8100-3748)

F (8100-3222)

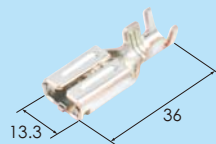


Applicable wire size (mm ²)	15-21 AWG6-5
Cable overall diameter (mm)	10.3-11.5
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	1.2

9.5

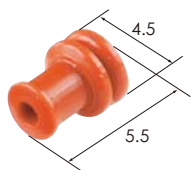
F (8240-0134)

Applicable wire size (mm ²)	5-8 AWG10-8
Cable overall diameter (mm)	10.3-11.5
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	1.2



1.5 (S)

(7165-1194)



Cable overall diameter (mm)	1.7-1.9
Material	Silicon
Color	Reddish Brown

1.5 (M)

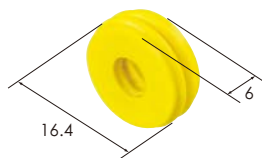
(7165-1195)



Cable overall diameter (mm)	2.2-2.4
Material	Silicon
Color	Sky blue

9.5 (S)

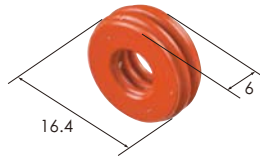
(7165-1346)



Cable overall diameter (mm)	5.5-5.8
Material	Silicon
Color	Yellow

9.5 (M)

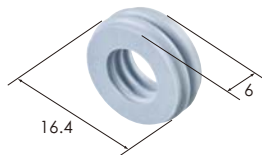
(7165-0782)



Cable overall diameter (mm)	7.5-8.0
Material	Silicon
Color	Reddish Brown

9.5 (L)

(6185-4620)



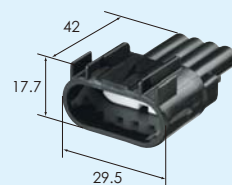
Cable overall diameter (mm)	8.7-9.0
Material	Silicon
Color	Gray

Housing (UNIT : mm)

* For 2.8 terminal & wire seal selection, please contact our sales staff.

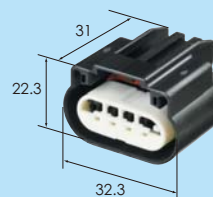
1.5 4way

Ref:Terminal part No.	P16
Ref:Wire seal No.	P17
Material	PBT
Color	Black



M (6188-0793) (note)

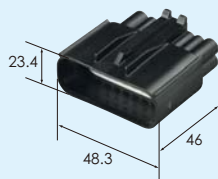
F (6189-6901) (note)



Ref:Terminal part No.	P16
Ref:Wire seal No.	P17
Material	PBT
Color	Black

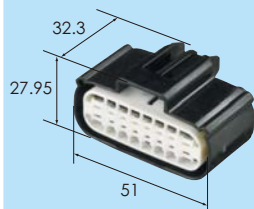
1.5 (12) 2.8 (4) 16way

Ref:Terminal part No.	[1.5] P16 [2.8] *
Ref:Wire seal No.	[1.5] P17 [2.8] *
Material	PBT
Color	Black



M (6188-0798)

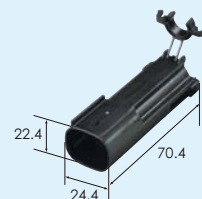
F (6189-6902)



Ref:Terminal part No.	[1.5] P16 [2.8] *
Ref:Wire seal No.	[1.5] P17 [2.8] *
Material	PBT
Color	Black

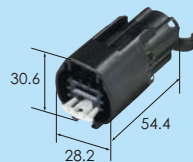
9.5 1way

Ref:Terminal part No.	P16
Ref:Wire seal No.	P17
Material	PBT
Color	Black

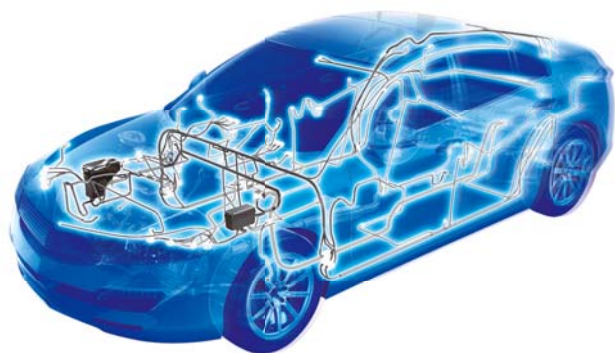


M (6188-4702)

F (6189-6862)



Ref:Terminal part No.	P16
Ref:Wire seal No.	P17
Material	PBT
Color	Black



US SEALED SERIES

For DEVICE Type1

Housing (UNIT : mm) * For terminal selection, please contact our sales staff.

0.64 3way

F (6189-1024) key-K note)

Ref:Terminal part No.	P3
Material	PBT
Color	Yellow

0.64 4way

F (6189-1019) key-E note)

Ref:Terminal part No.	P3
Material	PBT
Color	Yellow

0.64 5way

F (6189-6936) key-K note)

Ref:Terminal part No.	P3
Material	PBT
Color	Yellow

1.5 4way

F (6189-6897) note)

Ref:Terminal part No.	P18
Ref:Wire seal No.	P17
Material	PBT
Color	Black

Terminal (UNIT : mm)

1.5 (S)

F (8100-4379)

Applicable wire size (mm²)	0.35-0.5
	AWG22-20
Cable overall diameter (mm)	1.7-1.9
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

1.5 (M)

F (8100-4377)

Applicable wire size (mm²)	0.8-1.0
	AWG18-16
Cable overall diameter (mm)	2.2-2.4
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

0.64 4way

F (6189-7011) key-A note)

Ref:Terminal part No.	P3
Material	PBT
Color	Black

0.64 5way

F (6189-7001) key-E note)

Ref:Terminal part No.	P3
Material	PBT
Color	Yellow

0.64 5way

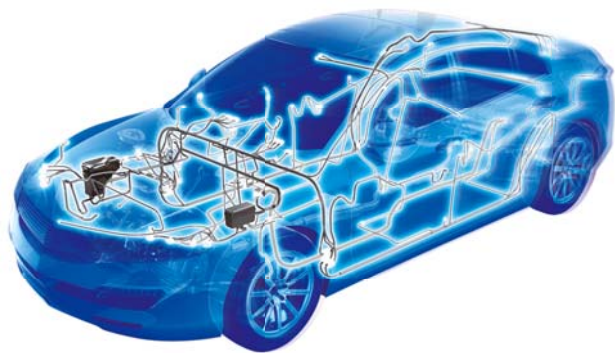
F (6189-7199) key-B note)

Ref:Terminal part No.	*
Material	PBT
Color	Black

1.5 4way

F Back TPA (6185-4630)

Material	PBT
Color	Gray



US SEALED SERIES

For DEVICE Type2

Terminal (UNIT : mm)

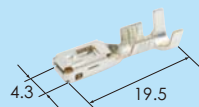
2.8 (S) Sn



F (8240-0428)

Applicable wire size (mm ²)	0.5-1.0 AWG20-18
Cable overall diameter (mm)	1.9-2.2
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

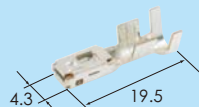
2.8 (M) Sn



F (8240-0429)

Applicable wire size (mm ²)	1.5-2.5 AWG16-14
Cable overall diameter (mm)	2.4-2.7
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

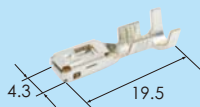
2.8 (L) Sn



F (8240-0430)

Applicable wire size (mm ²)	3.0-4.0 AWG12
Cable overall diameter (mm)	3.3
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

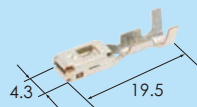
2.8 (S) Grease



F (8240-0431)

Applicable wire size (mm ²)	0.5-1.0 AWG20-18
Cable overall diameter (mm)	1.9-2.2
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

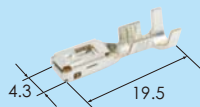
2.8 (S) Ag



F (8240-0434)

Applicable wire size (mm ²)	0.5-1.0 AWG20-18
Cable overall diameter (mm)	1.9-2.2
Material	Heat-resistant copper alloy
Surface treatment	Ag plated
Applicable Tab Thickness (mm)	0.8

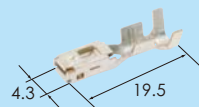
2.8 (M) Grease



F (8240-0432)

Applicable wire size (mm ²)	1.5-2.5 AWG16-14
Cable overall diameter (mm)	2.4-2.7
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

2.8 (M) Ag



F (8240-0435)

Applicable wire size (mm ²)	1.5-2.5 AWG16-14
Cable overall diameter (mm)	2.4-2.7
Material	Heat-resistant copper alloy
Surface treatment	Ag plated
Applicable Tab Thickness (mm)	0.8

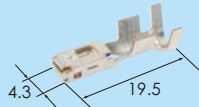
2.8 (L) Grease



F (8240-0433)

Applicable wire size (mm ²)	3.0-4.0 AWG12
Cable overall diameter (mm)	3.3
Material	Heat-resistant copper alloy
Surface treatment	Sn plated
Applicable Tab Thickness (mm)	0.8

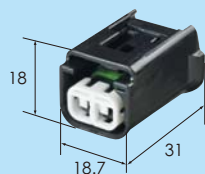
2.8 (L) Ag



F (8240-0436)

Applicable wire size (mm ²)	3.0-4.0 AWG12
Cable overall diameter (mm)	3.3
Material	Heat-resistant copper alloy
Surface treatment	Ag plated
Applicable Tab Thickness (mm)	0.8

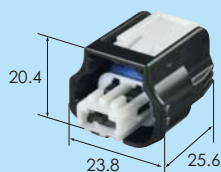
1.5 2way



F (6189-7171) key-A note)

Ref:Terminal part No.	*
Material	PBT
Color	Black

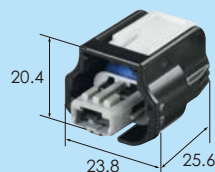
2.8 2way



F (6189-7290) key-A

Ref:Terminal part No.	P19
Material	PBT
Color	Black

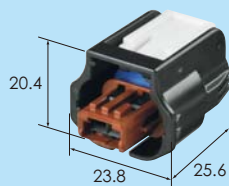
2.8 2way



F (6189-7373) key-B

Ref:Terminal part No.	P19
Material	PBT
Color	Black

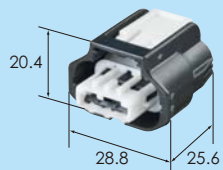
2.8 2way



F (6189-7374) key-C

Ref:Terminal part No.	P19
Material	PBT
Color	Black

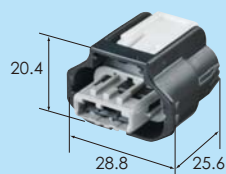
2.8 3way



F (6189-7291) key-A

Ref:Terminal part No.	P19
Material	PBT
Color	Black

2.8 3way



F (6189-7375) key-B

Ref:Terminal part No.	P19
Material	PBT
Color	Black

2.8 4way



F (6189-7292) key-A

Ref:Terminal part No.	P19
Material	PBT
Color	Black