

N-01

# MT SERIES

## (Outdated connector)

### Features

The MT connector series has a 4 mm terminal pitch between terminal poles. This series consists of a 2.3mm type (2.3mm, 6.6mm, and 7.7mm types for the hybrid model) classified according to terminal size, supporting use in a variety of control circuits and low power circuits.

- These connectors can be directly secured to a support on the car body.

### 特長

MTシリーズは、各種の制御回路、並びに低パワー回路に適するターミナル極間ピッチ4mmのコネクタシリーズです。ターミナルサイズが2.3mm (ハイブリッドは2.3mm・6.6mm・7.7mm) で構成されており、各種の制御回路並びに低パワー回路に対応することができます。

- コネクタは、ボデー側のサポートに直接固定することができます。

In case of purchasing the subject parts, please contact our sales office. Some part may not be in production.

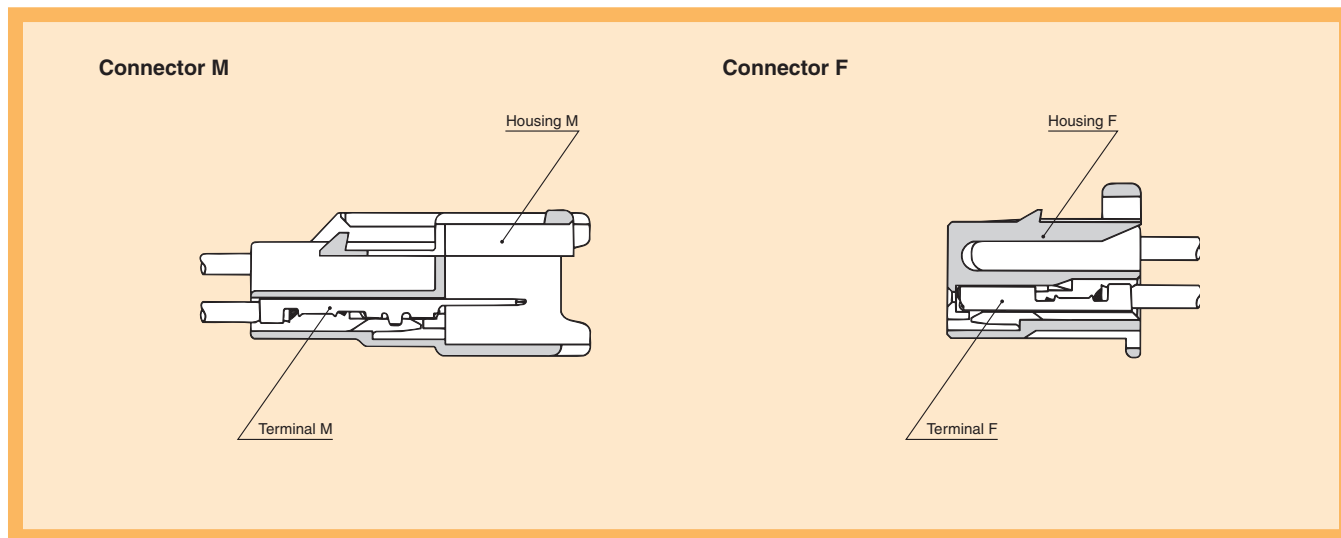
当コネクタシリーズをご選定の際には、弊社営業担当者に生産対応可否をご確認ください。

### INTERLOCKING TYPE

Connection is disengaged by releasing the locking arm provided in the housing.

ハウジングに設けられたロッキングアームでロックを解除することによりコネクタの離脱を行うタイプです。

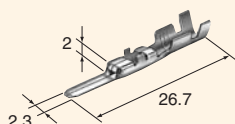
### Structure / 構造



N-02

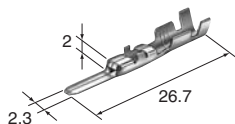
### Terminal (mm)

Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.3~0.5
Cable overall diameter (mm) 電線仕上り外径	1.5~2.0
Material 材質	Brass 黄銅
Surface treatment 表面処理	Gold-plated Auメッキ
Thickness (mm) 板厚	0.3



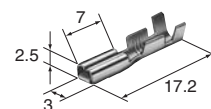
**M(8230-4419)**

Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.3~0.5
Cable overall diameter (mm) 電線仕上り外径	1.5~2.0
Material 材質	Brass 黄銅
Surface treatment 表面処理	Tin-plated Snメッキ
Thickness (mm) 板厚	0.3



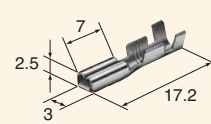
**M(8230-4272)**

Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.3~0.5
Cable overall diameter (mm) 電線仕上り外径	1.5~2.0
Material 材質	Brass 黄銅
Surface treatment 表面処理	Gold-plated Auメッキ
Thickness (mm) 板厚	0.25



**F(8240-4849)**

Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.3~0.5
Cable overall diameter (mm) 電線仕上り外径	1.5~2.0
Material 材質	Brass 黄銅
Surface treatment 表面処理	Tin-plated Snメッキ
Thickness (mm) 板厚	0.25

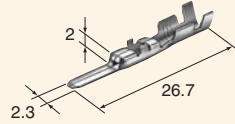


**F(8240-4412)**

090

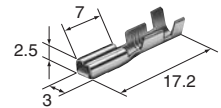
090

Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~1.25
Cable overall diameter (mm) 電線仕上り外径	1.6~2.9
Material 材質	Brass 黄銅
Surface treatment 表面処理	Tin-plated Snメッキ
Thickness (mm) 板厚	0.3



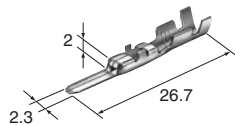
**M(8230-4282)**

Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~1.25
Cable overall diameter (mm) 電線仕上り外径	1.6~2.5
Material 材質	Brass 黄銅
Surface treatment 表面処理	Tin-plated Snメッキ
Thickness (mm) 板厚	0.25



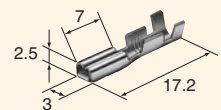
**F(8240-4422)**

Cable size (mm <sup>2</sup> ) 適用電線サイズ	2.0 (Cables to be used shall be AVSS.) (電線はAVSSを使用)
Cable overall diameter (mm) 電線仕上り外径	2.6
Material 材質	Brass 黄銅
Surface treatment 表面処理	Tin-plated Snメッキ
Thickness (mm) 板厚	0.3



**M(8230-4392)**

Cable size (mm <sup>2</sup> ) 適用電線サイズ	2.0 (Cables to be used shall be AVSS.) (電線はAVSSを使用)
Cable overall diameter (mm) 電線仕上り外径	2.6
Material 材質	Heat-resistant copper alloy
Surface treatment 表面処理	Tin-plated Snメッキ
Thickness (mm) 板厚	0.25



**F(8240-4652)**

Heat-resistant copper alloy=耐熱銅合金

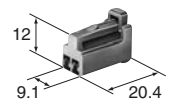
N-03

### Housing (mm)

Material / 66 Nylon (\* P.B.T.)  
Color / Natural

2way

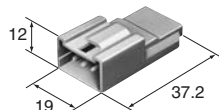
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6240-5021)**

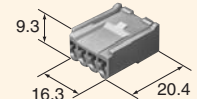
4way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**\*M(6240-1004)**

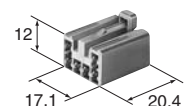
Ref: Terminal part No.  
ターミナル参照頁 N-02



**\*F(6240-5002)**

6way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6244-5061)**

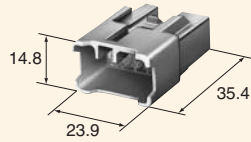
### Housing (mm)

Material / 66 Nylon (\* P.B.T.)

Color / Natural

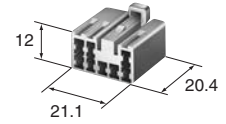
8way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**M(6240-1081)**

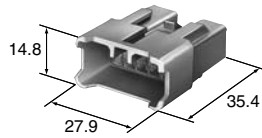
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6240-5081)**

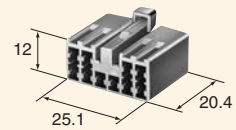
10way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**M(6240-1101)**

Ref: Terminal part No.  
ターミナル参照頁 N-02

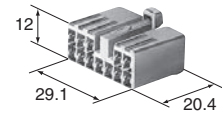


**F(6240-5101)**

N-04

12way

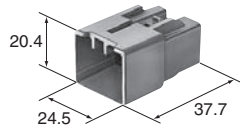
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6244-5121)**

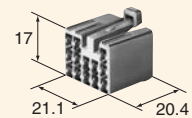
13way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**M(6240-1131)**

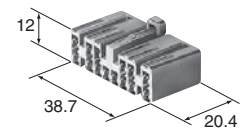
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6240-5131)**

14way

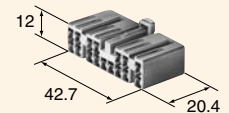
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6244-5141)**

16way

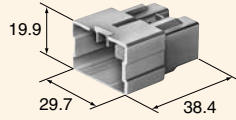
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6244-5161)**

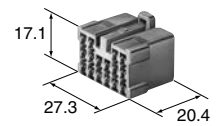
16way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**M(6240-1161)**

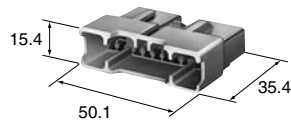
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6240-5161)**

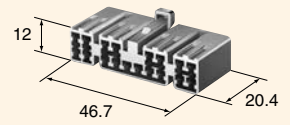
18way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**M(6240-1181)**

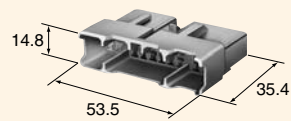
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6240-5181)**

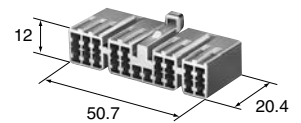
20way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**M(6240-1201)**

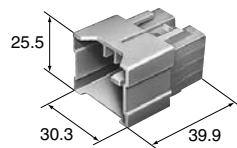
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6240-5201)**

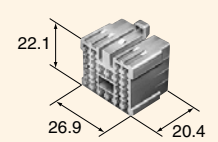
20way

Ref: Terminal part No.  
ターミナル参照頁 N-02



**M(6240-1006)**

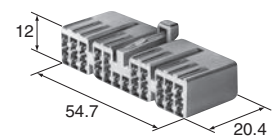
Ref: Terminal part No.  
ターミナル参照頁 N-02



**F(6240-5003)**

22way

Ref: Terminal part No.  
ターミナル参照頁 N-02



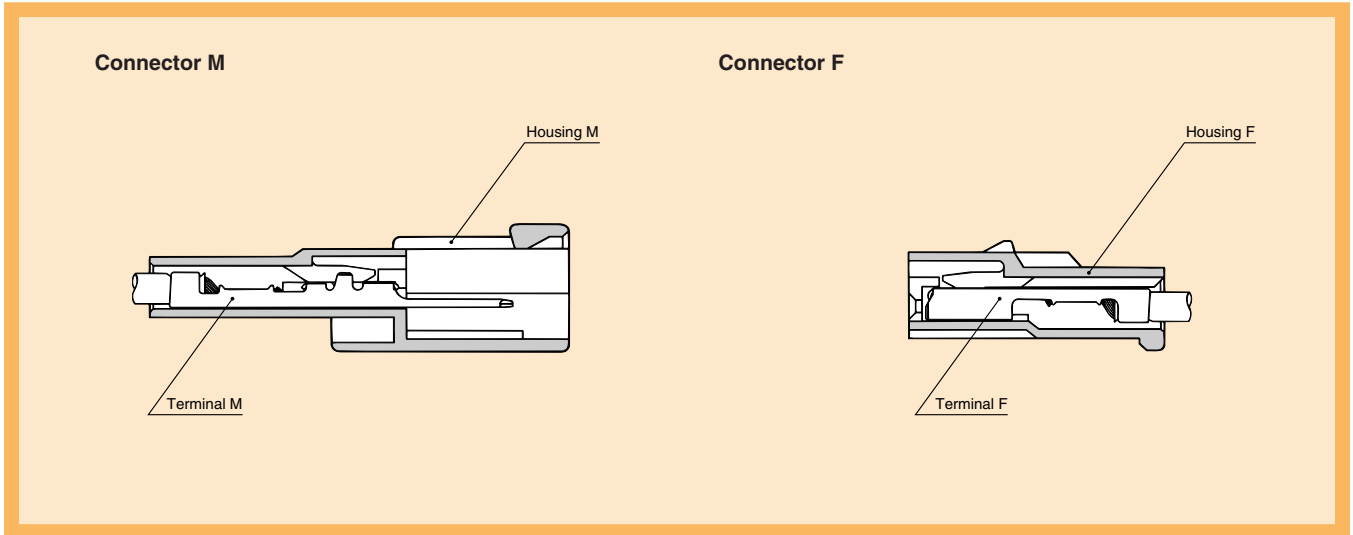
**F(6240-5221)**

N-05

## SEMI-LOCKING TYPE

Simplified locking mechanism allows quick disconnection without release operation.  
 簡易係止機構をもち、ハウジングの離脱にロック解除動作の不要なタイプです。

### Structure / 構造

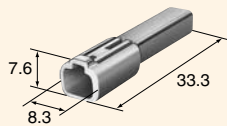


N-06

### Housing (mm)

Material / 66 Nylon  
 Color / Natural

Ref: Terminal part No. N-02  
 ターミナル参照頁



#### M(6242-1011)

Ref: Terminal part No. N-02  
 ターミナル参照頁

Note  
 備考 With clamp for 7mm dia.  
 φ7用クランプ付

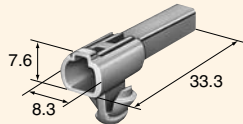


Plate thickness range for clamp :  
 t=0.7~1.6

#### M(6243-1011)

Plate thickness range for clamp=クランプ適用板厚

1way

2way

Ref: Terminal part No. N-02  
ターミナル参照頁  
Note  
備考 With clamp for 7mm dia.  
φ7用クランプ付

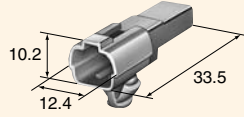


Plate thickness range for clamp :  
t=0.7~1.6 **M(6243-1021)**

Ref: Terminal part No. N-02  
ターミナル参照頁  
Note  
備考 With clamp for 7mm dia.  
φ7用クランプ付

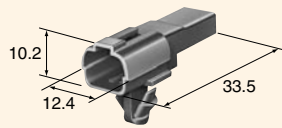
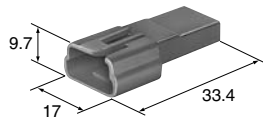


Plate thickness range for clamp :  
t=1.6~3.0 **M(6240-1016)**

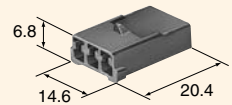
3way

Ref: Terminal part No. N-02  
ターミナル参照頁



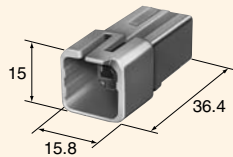
**M(6242-1031)**

Ref: Terminal part No. N-02  
ターミナル参照頁



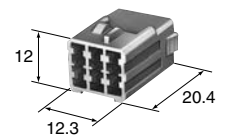
**F(6242-5031)**

Ref: Terminal part No. N-02  
ターミナル参照頁



**M(6242-1061)**

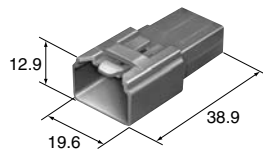
Ref: Terminal part No. N-02  
ターミナル参照頁



**F(6242-5061)**

6way

Ref: Terminal part No. N-02  
ターミナル参照頁



**M(6240-1003)**

Ref: Terminal part No. N-02  
ターミナル参照頁  
Note  
備考 With clamp for 7mm dia.  
φ7用クランプ付

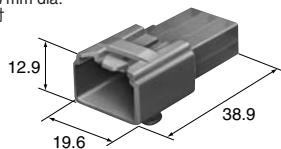
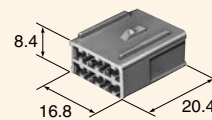


Plate thickness range for clamp :  
t=0.7~1.6 **M(6240-1001)**

Ref: Terminal part No. N-02  
ターミナル参照頁



**F(6240-5001)**

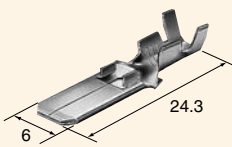
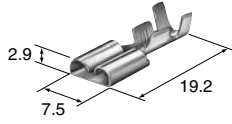
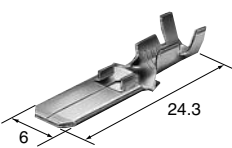
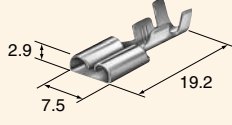
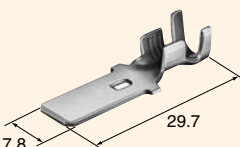
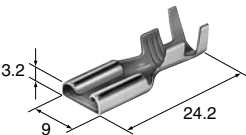
Plate thickness range for clamp=クランプ適用板厚

N-07

### Terminal (mm)

- Ref: 090 Terminal List (Page N-02)
- Terminal part number for 250 and 305 type connector:  
Please inquire details. (Vary depending on wire sizes)

- 090ターミナルはN-02に掲載。
- 250、305ターミナル品番：適用電線サイズにより異なります。別途お問い合わせください。

250	<table border="1"> <tr><td>Cable size (mm<sup>2</sup>) 適用電線サイズ</td><td>0.5~2.0</td></tr> <tr><td>Cable overall diameter (mm) 電線仕上り外径</td><td>1.6~3.1</td></tr> <tr><td>Material 材質</td><td>Brass 黄銅</td></tr> <tr><td>Surface treatment 表面処理</td><td>Anti-Corrosion treatment</td></tr> <tr><td>Thickness (mm) 板厚</td><td>0.4</td></tr> </table>  <p><b>M(8230-4040)</b></p>	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0	Cable overall diameter (mm) 電線仕上り外径	1.6~3.1	Material 材質	Brass 黄銅	Surface treatment 表面処理	Anti-Corrosion treatment	Thickness (mm) 板厚	0.4	<table border="1"> <tr><td>Cable size (mm<sup>2</sup>) 適用電線サイズ</td><td>0.5~2.0</td></tr> <tr><td>Cable overall diameter (mm) 電線仕上り外径</td><td>1.6~3.1</td></tr> <tr><td>Material 材質</td><td>Brass 黄銅</td></tr> <tr><td>Surface treatment 表面処理</td><td>Anti-Corrosion treatment</td></tr> <tr><td>Thickness (mm) 板厚</td><td>0.32</td></tr> </table>  <p><b>F(8240-4140)</b></p>	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0	Cable overall diameter (mm) 電線仕上り外径	1.6~3.1	Material 材質	Brass 黄銅	Surface treatment 表面処理	Anti-Corrosion treatment	Thickness (mm) 板厚	0.32
	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0																				
	Cable overall diameter (mm) 電線仕上り外径	1.6~3.1																				
	Material 材質	Brass 黄銅																				
Surface treatment 表面処理	Anti-Corrosion treatment																					
Thickness (mm) 板厚	0.4																					
Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0																					
Cable overall diameter (mm) 電線仕上り外径	1.6~3.1																					
Material 材質	Brass 黄銅																					
Surface treatment 表面処理	Anti-Corrosion treatment																					
Thickness (mm) 板厚	0.32																					
<table border="1"> <tr><td>Cable size (mm<sup>2</sup>) 適用電線サイズ</td><td>0.5~2.0</td></tr> <tr><td>Cable overall diameter (mm) 電線仕上り外径</td><td>1.6~3.1</td></tr> <tr><td>Material 材質</td><td>Brass 黄銅</td></tr> <tr><td>Surface treatment 表面処理</td><td>Tin-plated Snメッキ</td></tr> <tr><td>Thickness (mm) 板厚</td><td>0.4</td></tr> </table>  <p><b>M(8230-4042)</b></p>	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0	Cable overall diameter (mm) 電線仕上り外径	1.6~3.1	Material 材質	Brass 黄銅	Surface treatment 表面処理	Tin-plated Snメッキ	Thickness (mm) 板厚	0.4	<table border="1"> <tr><td>Cable size (mm<sup>2</sup>) 適用電線サイズ</td><td>0.5~2.0</td></tr> <tr><td>Cable overall diameter (mm) 電線仕上り外径</td><td>1.6~3.1</td></tr> <tr><td>Material 材質</td><td>Brass 黄銅</td></tr> <tr><td>Surface treatment 表面処理</td><td>Tin-plated Snメッキ</td></tr> <tr><td>Thickness (mm) 板厚</td><td>0.32</td></tr> </table>  <p><b>F(8240-4182)</b></p>	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0	Cable overall diameter (mm) 電線仕上り外径	1.6~3.1	Material 材質	Brass 黄銅	Surface treatment 表面処理	Tin-plated Snメッキ	Thickness (mm) 板厚	0.32	
Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0																					
Cable overall diameter (mm) 電線仕上り外径	1.6~3.1																					
Material 材質	Brass 黄銅																					
Surface treatment 表面処理	Tin-plated Snメッキ																					
Thickness (mm) 板厚	0.4																					
Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.5~2.0																					
Cable overall diameter (mm) 電線仕上り外径	1.6~3.1																					
Material 材質	Brass 黄銅																					
Surface treatment 表面処理	Tin-plated Snメッキ																					
Thickness (mm) 板厚	0.32																					
305	<table border="1"> <tr><td>Cable size (mm<sup>2</sup>) 適用電線サイズ</td><td>0.85~2.0</td></tr> <tr><td>Cable overall diameter (mm) 電線仕上り外径</td><td>2.4~3.1</td></tr> <tr><td>Material 材質</td><td>Brass 黄銅</td></tr> <tr><td>Surface treatment 表面処理</td><td>Anti-Corrosion treatment</td></tr> <tr><td>Thickness (mm) 板厚</td><td>0.8</td></tr> </table>  <p><b>M(8232-4220)</b></p>	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.85~2.0	Cable overall diameter (mm) 電線仕上り外径	2.4~3.1	Material 材質	Brass 黄銅	Surface treatment 表面処理	Anti-Corrosion treatment	Thickness (mm) 板厚	0.8	<table border="1"> <tr><td>Cable size (mm<sup>2</sup>) 適用電線サイズ</td><td>0.85~2.0</td></tr> <tr><td>Cable overall diameter (mm) 電線仕上り外径</td><td>2.4~3.1</td></tr> <tr><td>Material 材質</td><td>Brass 黄銅</td></tr> <tr><td>Surface treatment 表面処理</td><td>Anti-Corrosion treatment</td></tr> <tr><td>Thickness (mm) 板厚</td><td>0.4</td></tr> </table>  <p><b>F(8242-4050)</b></p>	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.85~2.0	Cable overall diameter (mm) 電線仕上り外径	2.4~3.1	Material 材質	Brass 黄銅	Surface treatment 表面処理	Anti-Corrosion treatment	Thickness (mm) 板厚	0.4
	Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.85~2.0																				
Cable overall diameter (mm) 電線仕上り外径	2.4~3.1																					
Material 材質	Brass 黄銅																					
Surface treatment 表面処理	Anti-Corrosion treatment																					
Thickness (mm) 板厚	0.8																					
Cable size (mm <sup>2</sup> ) 適用電線サイズ	0.85~2.0																					
Cable overall diameter (mm) 電線仕上り外径	2.4~3.1																					
Material 材質	Brass 黄銅																					
Surface treatment 表面処理	Anti-Corrosion treatment																					
Thickness (mm) 板厚	0.4																					

Anti-Corrosion treatment=防錆処理

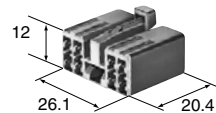
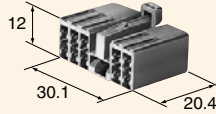
### Housing (mm)

Material / 66 Nylon

Color / Natural

No. of way / ( ) corresponds to 090, 250, 305, in order from left to right.

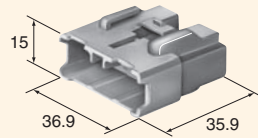
極数 / ( ) 内表示：左から090極数、250極数、305極数

9way (8+1)	<table border="1"> <tr><td>Ref: Terminal part No. ターミナル参照頁</td><td>[090] N-02 [250] N-08</td></tr> </table>  <p><b>F(6245-0121)</b></p>	Ref: Terminal part No. ターミナル参照頁	[090] N-02 [250] N-08
	Ref: Terminal part No. ターミナル参照頁	[090] N-02 [250] N-08	
<table border="1"> <tr><td>Ref: Terminal part No. ターミナル参照頁</td><td>[090] N-02 [250] N-08</td></tr> </table>  <p><b>F(6245-0131)</b></p>	Ref: Terminal part No. ターミナル参照頁	[090] N-02 [250] N-08	
Ref: Terminal part No. ターミナル参照頁	[090] N-02 [250] N-08		



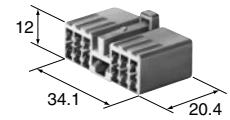
13way  
(12+1)

Ref: Terminal part No. [090] N-02  
ターミナル参照頁 [250] N-08



**M(6241-0121)**

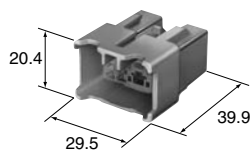
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ターミナル参照頁 [250] N-08



**F(6245-0141)**

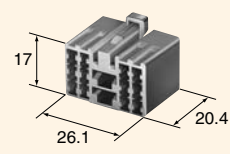
14way  
(12+2)

Ref: Terminal part No. [090] N-02  
ターミナル参照頁 [250] N-08



**M(6241-0011)**

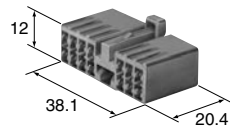
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ターミナル参照頁 [250] N-08



**F(6245-0011)**

15way  
(14+1)

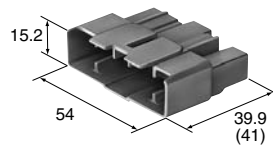
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ターミナル参照頁 [250] N-08



**F(6245-0021)**

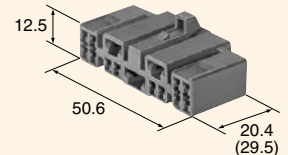
15way  
(12+2+1)

Ref: Terminal part No. [090] N-02  
ターミナル参照頁 [250] N-08  
[305] N-08



**M(6241-0153)**

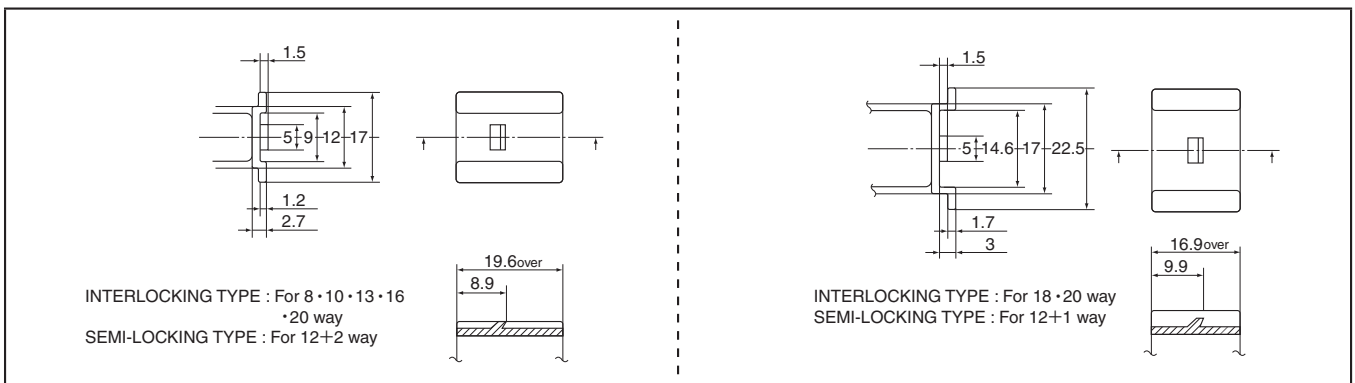
Ref: Terminal part No. [090] N-02  
ターミナル参照頁 [250] N-08  
[305] N-08



**F(6245-0173)**

N-09

## ▶▶ Shape of Mating Support (mm) ◀◀



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

※上図寸法は参考寸法です。取付部詳細寸法は別途図面により規定しますので、弊社営業担当にお問い合わせください。