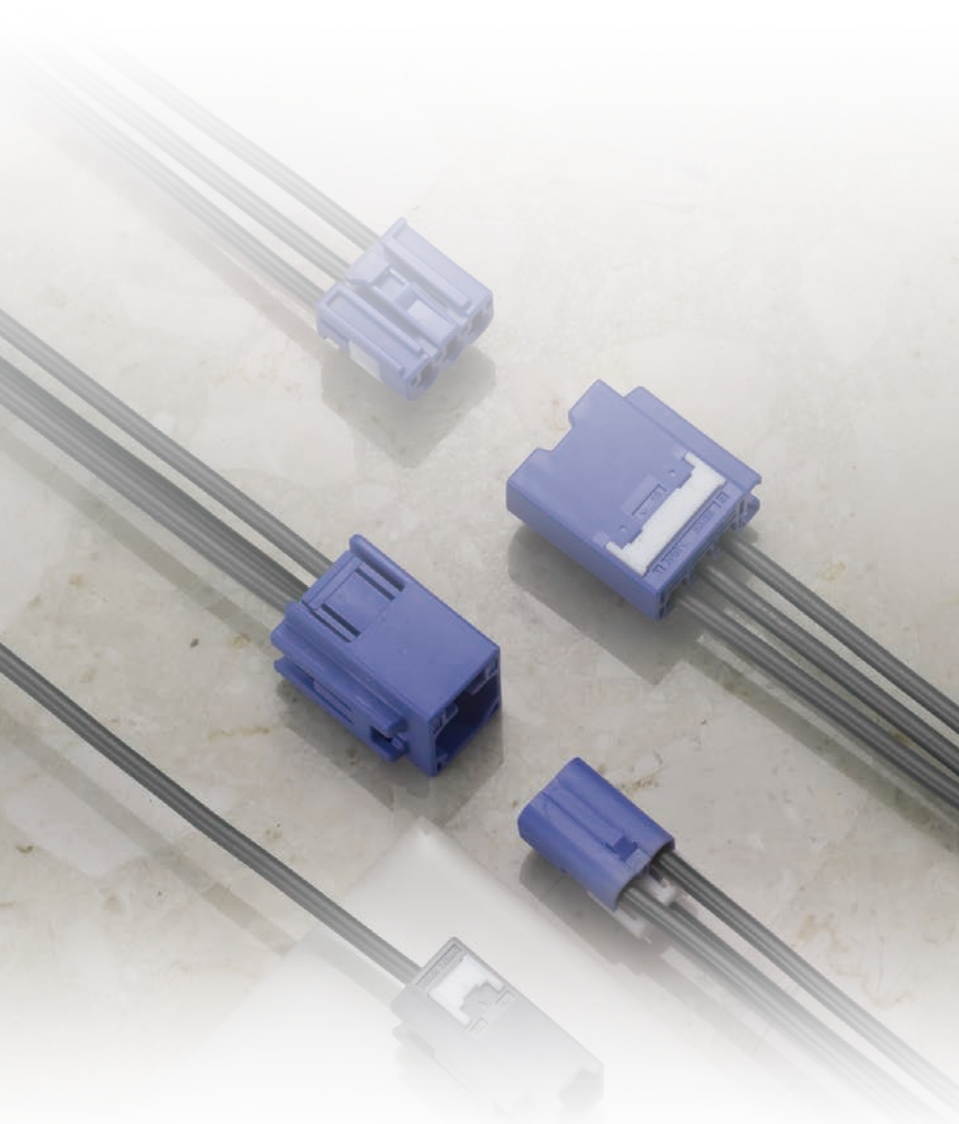


HFC III SERIES



Features

HFC III (High Frequency Connector) series are connectors that connect on-board multimedia devices, such as GPS, TV, VICS and etc., and coaxial wires. These are also suitable for mobile telephone and sensor circuit.

- It reduces reflection/transmission loss and restraints noise radiation. It achieved smaller size with higher performance.
- Hybrid types for high frequency coaxial wire and automobile wire (AV) are established. (It supports diversity receiving system).
- Retainer for secondary lock is preloaded and the structure allows the high frequency coaxial wire and AV wire to be set by one operation. Therefore improvement of assembling operation can be planned.
- RoHS/ELV Compliant

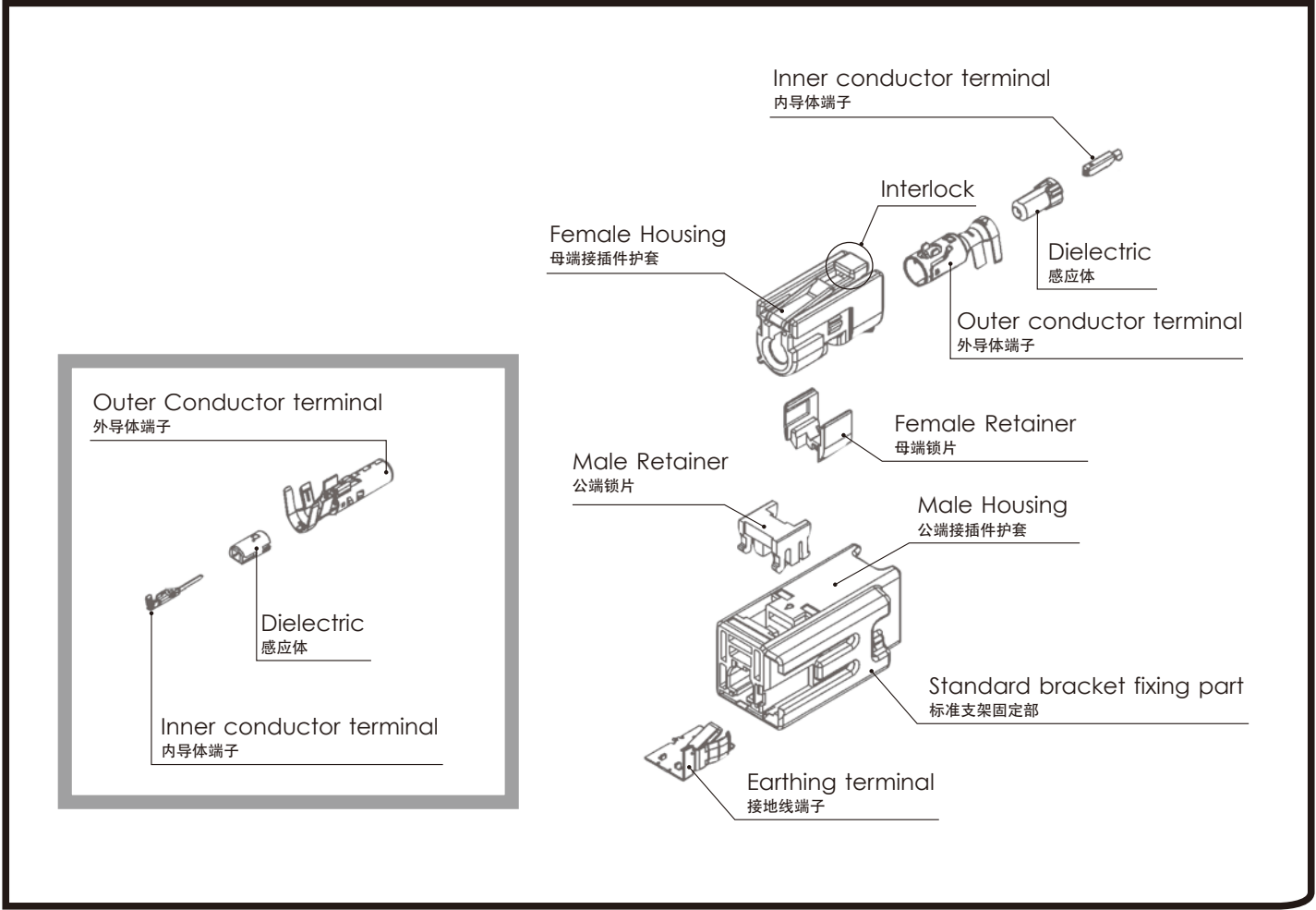
特点

HFC III系列（高频接插件）使用于GPS·TV·VICS等车载多媒体模块相同的同轴线连接用接插件，也适用于车载电话、传感器回路上。

- 制止传送损失、反射、杂讯放射、实现了小型高性能化。
- 设定了高频同轴线和汽车用电线(AV)的混合型。(可以应用于多样性收信方式。)
- 通过预先安装双重锁定锁片、高频同轴线与AV线都能够通过简单的操作进行安装，可提高效率。
- 可对应欧盟 RoHS 和 ELV 指令

HFC III SERIES for STANDARD

Structure / 构造



Basic specification / 基本规格

Type			1 way coaxial wire 2 way coaxial wire + 1way AV wire 2 way coaxial wire + 2way AV wire 3 way coaxial wire 4 way coaxial wire + 2way AV wire	
Contact resistance 接触电阻	Coaxial wire 同轴线		Max. 20mΩ (Initial／初期)	
	AV wire AV线		Max. 8mΩ (Initial／初期)	
Insulation resistance 绝缘电阻			Min. 100MΩ	
Working temperature 使用温度			－40℃～＋105℃ (RADIO －30℃～＋85℃)	
VSWR	75Ω系	～108MHz	Wire to Wire	Max. 1.2
			PCB to Wire	
		～770MHz	Wire to Wire	Max. 1.4
			PCB to Wire	
	50Ω系	～3GHz	Wire to Wire	Max. 1.4
			PCB to Wire	Max. 1.3

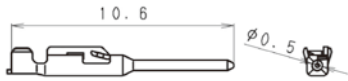
Material 材质	M Terminal	Inner conductor 内导体	Brass (Au plating) 黄铜 (镀金)
		Outer conductor 外导体	Brass (Sn plating) 黄铜 (镀锡)
	F Terminal	Inner conductor 内导体	Heat resistant cooper-alloy (Au plating) 耐热铜合金 (镀金)
		Outer conductor 外导体	Brass (Sn plating) 黄铜 (镀锡)

(Note) AV wire = MAX. AVSS 0.5mm² (Terminal is TS 0.64 type: Ref. A-02).
注) AV线=最大AVSS 0.5mm² (端子为TS0.64:参照A-02)

Inner conductor terminal (mm)／内导体端子(毫米)

(M)

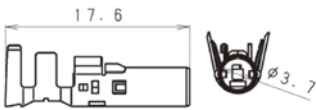
S (8230-5015) M (8230-5016) L (8230-5017)



Outer conductor terminal (mm)／外导体端子(毫米)

(M)

S (8230-5764) M (8230-5482) L (8230-5483)
F (8230-5484)



Applicable coaxial wire (mm)／适用同轴线(毫米)

※1 For some coaxial wire and wire makers, it might be inapplicable. Please contact our sales representative for more details.
由于各电线商家的同轴线不同,是否适用请向敝公司的销售负责人询问

※2 When crimping the forming coaxial wire, need the sleeve.
泡沫聚乙烯绝缘同轴线压接时需要使用套管。

※3 Terminal is the only terminal of main side(6098-6037)female connector, according to the instruction manual of the C-430 HFC Housing for radio.
在使用之前请阅读使用说明书。说明书中有详明的介绍。

Applicable coaxial wire／适用同轴线 ※1

			0.8D-2V	1.5C-2V	1.5C-2W	1.5C-2T	1.2D-2V	1.5D-2V	1.5D-2W	2.4D-2V	2.5D foamed ※2	2.5D-2V	3C-2V	Others
Female	Inner terminal	8240-0276	●	●	●	●	●							
		8240-0277						●	●				●	
		8240-0278								●		●		
	Outer terminal assembly	8240-0713	●	●			●	●						
		8240-0383			●	●		●	●			●		
		8240-0384											●	
		8240-0619									●			
		8240-0415												Low capacitance type ※3
		8240-0615		●										
		8240-0843			●									
Male	Inner terminal	8230-5015	●	●	●	●								
		8230-5016					●	●	●				●	
		8230-5017								●		●		
	Outer terminal assembly	8230-5764	●	●			●	●						
		8230-5482			●	●		●	●			●		
		8230-5483											●	
		8230-5484									●			

※1 For some coaxial wire and wire makers, it might be inapplicable. Please contact our sales representative for more details.
由于各电线商家的同轴线不同,是否适用请向敝公司的销售负责人询问

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泡沫聚乙烯绝缘同轴线压接时需要使用套管。

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在使用之前请阅读使用说明书。说明书中有详明的介绍。

Applicable coaxial wire (mm)／适用同轴线(毫米)

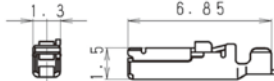
※1 For some coaxial wire and wire makers, it might be inapplicable. Please contact our sales representative for more details.
由于各电线商家的同轴线不同,是否适用请向敝公司的销售负责人询问

※2 When crimping the forming coaxial wire, need the sleeve.
泡沫聚乙烯绝缘同轴线压接时需要使用套管。

※3 Terminal is the only terminal of main side(6098-6037)female connector, according to the instruction manual of the C-430 HFC Housing for radio.
在使用之前请阅读使用说明书。说明书中有详明的介绍。

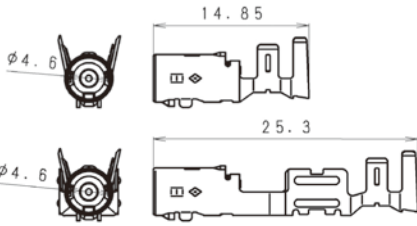
(F)

S (8240-0276) M (8240-0277) L (8240-0278)



(F)

转 播 用：S (8240-0713) M (8240-0383) L (8240-0384)
F (8240-0619) FL (8240-0415)
无线电用：S (8240-0615) M (8240-0843)



(Note) The terminal for radio can connect condenser inside. On this occasion, a common crimping terminal is necessary.
注) 无线电用端子内部可以连接电容器。此时需要共同的压接端子(8110-4493)。

Applicable coaxial wire (mm)／适用同轴线(毫米)

			0.8D-2V	1.5C-2V	1.5C-2W	1.5C-2T	1.2D-2V	1.5D-2V	1.5D-2W	2.4D-2V	2.5D foamed ※2	2.5D-2V	3C-2V	Others
Female	Inner terminal	8240-0276	●	●	●	●	●							
		8240-0277						●	●				●	
		8240-0278								●		●		
	Outer terminal assembly	8240-0713	●	●			●	●						
		8240-0383			●	●		●	●			●		
		8240-0384											●	
		8240-0619									●			
		8240-0415												Low capacitance type ※3
		8240-0615		●										
		8240-0843			●									
Male	Inner terminal	8230-5015	●	●	●	●								
		8230-5016					●	●	●				●	
		8230-5017								●		●		
	Outer terminal assembly	8230-5764	●	●			●	●						
		8230-5482			●	●		●	●			●		
		8230-5483											●	
		8230-5484									●			

※1 For some coaxial wire and wire makers, it might be inapplicable. Please contact our sales representative for more details.

由于各电线商家的同轴线不同,是否适用请向敝公司的销售负责人询问

※2 When crimping the forming coaxial wire, need the sleeve.

泡沫聚乙烯绝缘同轴线压接时需要使用套管。

※3 Terminal is the only terminal of main side(6098-6037)female connector, according to the instruction manual of the C-430 HFC Housing for radio.

在使用之前请阅读使用说明书。说明书中有详明的介绍。

Applicable coaxial wire (mm)／适用同轴线(毫米)

※1 For some coaxial wire and wire makers, it might be inapplicable. Please contact our sales representative for more details.
由于各电线商家的同轴线不同,是否适用请向敝公司的销售负责人询问

※2 When crimping the forming coaxial wire, need the sleeve.
泡沫聚乙烯绝缘同轴线压接时需要使用套管。

※3 Terminal is the only terminal of main side(6098-6037)female connector, according to the instruction manual of the C-430 HFC Housing for radio.
在使用之前请阅读使用说明书。说明书中有详明的介绍。

Housing (UNIT : mm)

接插件护套(毫米)

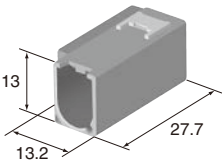
Ref: Terminal part No.
端子参照页

coaxial wire M-03
同轴线

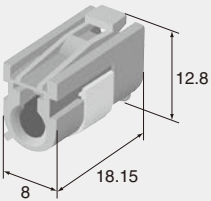
AV wire A-02
AV线

1way coaxial wire Rib R1

Color Blue
颜色 蓝



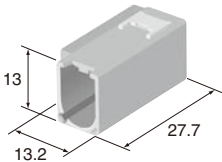
M (6098-7143) F (6098-6321)



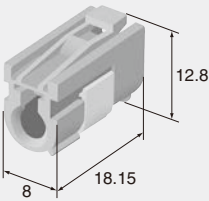
Color Blue
颜色 蓝

1way coaxial wire Rib L1

Color Gray
颜色 灰



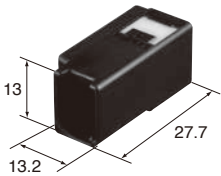
M (6098-6835) F (6098-6323)



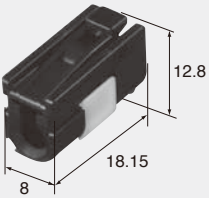
Color Gray
颜色 灰

1way coaxial wire Rib R2

Color Black
颜色 黑



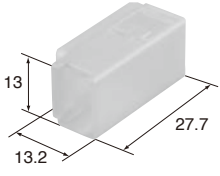
M (6098-7544) F (6098-7445)



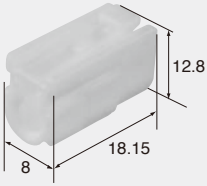
Color Black
颜色 黑

1way coaxial wire Rib L2

Color Natural
颜色 自然色



M (6098-7546) F (6098-7446)



Color Natural
颜色 自然色

M-04

2 way coaxial wire + 1 way AV wire

Rib R

Color
颜色

Gray
灰

M (6098-6331)

Color
颜色

Gray
灰

F (6098-6336)

Color
颜色

Gray
灰

M (6098-6373)

2 way coaxial wire + 1 way AV wire

Rib L

Color
颜色

Natural
自然色

M (6098-6328)

Color
颜色

Natural
自然色

F (6098-6333)

Color
颜色

Natural
自然色

M (6098-6370)

2 way coaxial wire + 2 way AV wire

Rib R

Color
颜色

Gray
灰

F (6098-7153)

Color
颜色

Gray
灰

M (6098-7151)

2 way coaxial wire + 2 way AV wire

Rib L

Color
颜色

Natural
自然色

F (6098-7148)

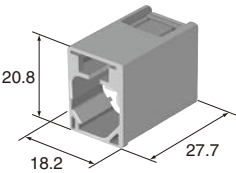
Color
颜色

Natural
自然色

M (6098-7145)

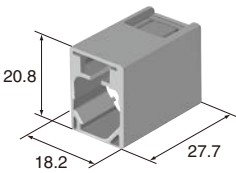
3 way coaxial wire

Color Blue
颜色 蓝



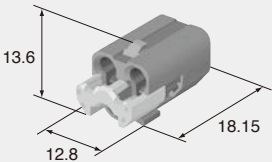
M (6098-6340)

Color Blue
颜色 蓝



M (6098-6369)

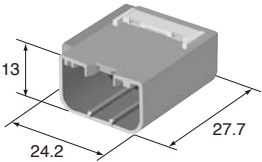
F (6098-6343)



Color Blue
颜色 蓝

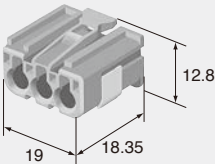
3 way coaxial wire

Color Blue
颜色 蓝



M (6098-6838)

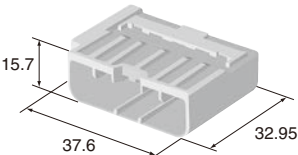
F (6098-6841)



Color Blue
颜色 蓝

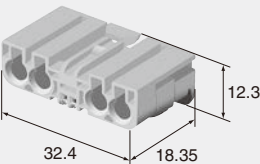
4 way coaxial wire + 2 way AV wire

Color Natural
颜色 自然色



M (6098-6844)

F (6098-6702)



Color Natural
颜色 自然色

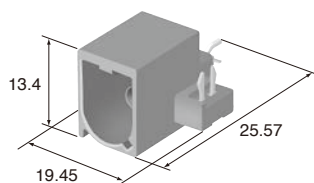
M-06

接插件护套(毫米)

接插件护套(毫米)

M-07

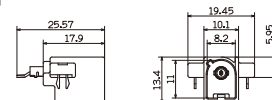
M (6098-6157)



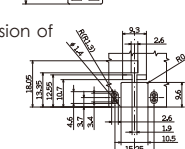
Connector F part No. 6098-6321 (M-04)
母端接插件产品号码

Color	Blue
颜色	蓝

●Detailed dimension
详细尺寸

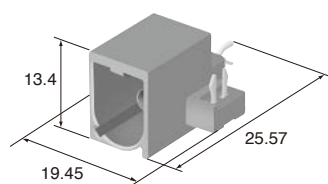


● Recommended demension of
Circuit board
电路板推荐尺寸



Through Hall Type (Rib L)

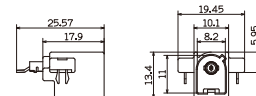
M (6098-6159)



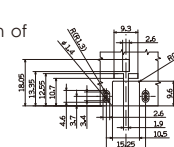
Connector F part No. 6098-6323 (M-04)
母端接插件产品号码

Color	Gray
颜色	灰

●Detailed dimension
详细尺寸

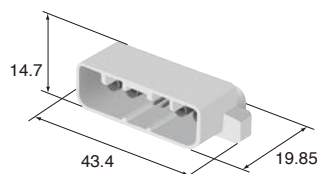


●Recommended demension of
Circuit board
电路板推荐尺寸



Through Hall Type

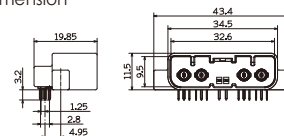
M (6098-6700)



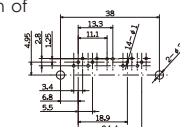
Connector F part No. 6098-6702 (M-06)
母端接插件产品号码

Color 颜色	Natural 自然色
-------------	----------------

●Detailed dimension
详细尺寸



● Recommended dimension of
Circuit board
电路板推荐尺寸



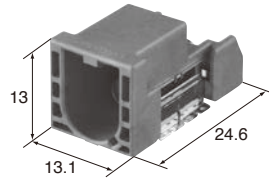
1 way coaxial wire

SMT Type (Rib R1)

M (6098-7132)

Connector F part No.
母端接插件产品号码 6098-6321 (M-04)

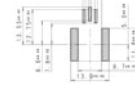
Color
颜色 Blue
蓝



● Detailed dimension
详细尺寸



● Recommended dimension of
Circuit board
电路板推荐尺寸



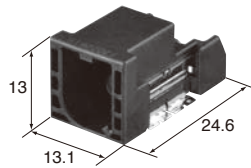
1 way coaxial wire

SMT Type (Rib R2)

M (6098-7449)

Connector F part No.
母端接插件产品号码 6098-7445 (M-04)

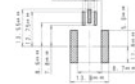
Color
颜色 Black
黑



● Detailed dimension
详细尺寸



● Recommended dimension of
Circuit board
电路板推荐尺寸



M-08

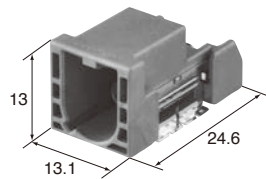
1 way coaxial wire

SMT Type (Rib L1)

M (6098-7134)

Connector F part No.
母端接插件产品号码 6098-6323 (M-04)

Color
颜色 Gray
灰



● Detailed dimension
详细尺寸



● Recommended dimension of
Circuit board
电路板推荐尺寸



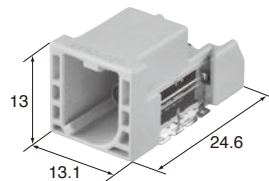
1 way coaxial wire

SMT Type (Rib L2)

M (6098-7450)

Connector F part No.
母端接插件产品号码 6098-7446 (M-04)

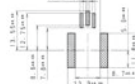
Color
颜色 Natural
自然色



● Detailed dimension
详细尺寸



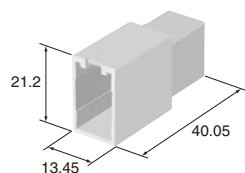
● Recommended dimension of
Circuit board
电路板推荐尺寸



HFC III SERIES for RADIO

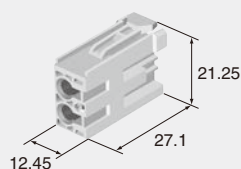
2 way coaxial wire + 1 way AV wire

Color
颜色 Natural
自然色



M (6098-6861)

F (6098-6037)



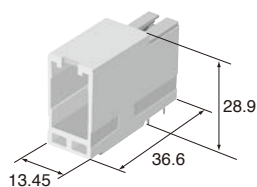
Color
颜色 Natural
自然色

2 way coaxial wire + 1 way AV wire

M (6098-5761)

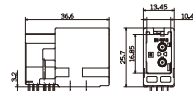
Connector F part No.
母端接插件产品号码 6098-6037 (M-09)

Color
颜色 Natural
自然色

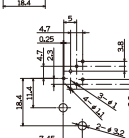


Through Hall Type

● Detailed dimension
详细尺寸



● Recommended dimension of
Circuit board
电路板推荐尺寸



M-09

HFC III SERIES