

CIRCUIT SIZE LAYOUT (SCALE : 2-1)

V-2 BLACK			V-0 BLACK		
46999-0157	5559-24P-BL	24	46999-0304	5559-24P-400	24
		22	46999-0303	5559-22P-400	22
39-02-8205	5559-20P-BL	20	46999-0302	5559-20P-400	20
		18	46999-0301	5559-18P-400	18
		16	46999-0300	5559-16P-400	16
		14	46999-0299	5559-14P-400	14
		12	46999-0298	5559-12P-400	12
		10	46999-0297	5559-10P-400	10
		8	46999-0296	5559-08P-400	8
39-02-8065	5559-06P-BL	6	46999-0295	5559-06P-400	6
		4	46999-0294	5559-04P-400	4
		2	46999-0293	5559-02P-400	2
EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT

V-2 BLUE			V-2 RED			V-0 NATURAL			V-2 NATURAL		
		24			24	39-01-2246	5559 -24P-210	24	39-01-2241	5559-24P	24
		22			22	▲ -2226	▲ -22P-210	22	▲ -2221	▲ -22P	22
		20			20	-2206	-20P-210	20	-2201	-20P	20
		18			18	-2186	-18P-210	18	-2181	-18P	18
		16			16	-2166	-16P-210	16	-2161	-16P	16
		14			14	-2146	-14P-210	14	-2141	-14P	14
		12			12	-2126	-12P-210	12	-2121	-12P	12
		10			10	-2106	-10P-210	10	-2101	-10P	10
		8			8	-2086	-08P-210	8	-2081	-08P	8
		6			6	-2066	-06P-210	6	-2061	-06P	6
		4			4	▼ -2046	▼ -04P-210	4	▼ -2041	▼ -04P	4
		2			2	39-01-2026	5559 -02P-210	2	39-01-2021	5559-02P	2
EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT

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DIMENSION UNITS	SCALE	CURRENT REV DESC:	<b>molex</b>
IN/MM	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	±	±	EC NO: 768511 DRWN: JERRYW8 2023/11/02 CHK'D: XQZHANG 2023/11/15 APPR: XQZHANG 2023/11/15
3 PLACES	±	± 0.012	
2 PLACES	±	0.3 ± 0.016	
1 PLACE	±	0.4 ±	
0 PLACES	±	±	INITIAL REVISION: DRWN: H.HIRAMOTO 1998/10/14 APPR: E.ENOMOTO 1998/10/24
ANGULAR TOL	±	3.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		C-SIZE	5559
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55590020-SD	PSD	000	A3
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE TABLE	GENERAL MARKET	2 OF 2	



产品编号 : [39012181](#)

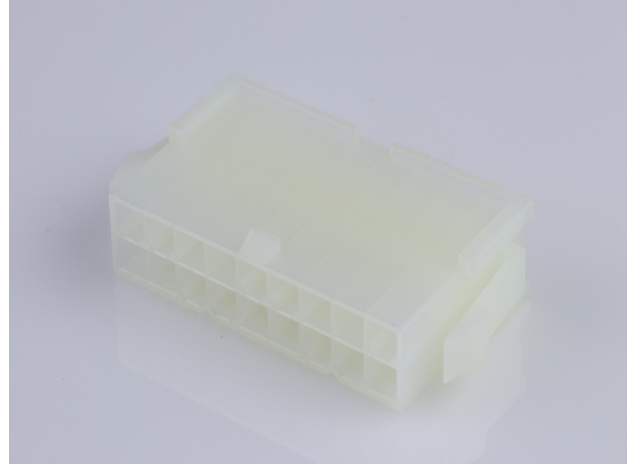
Product Description : Mini-Fit Jr. Plug Housing, Dual Row, 18 Circuits, UL 94V-2, with Panel Mounting Ears, Natural

系列号 : 5559

状态 : Active

Product Category : Connector Housings

工程编号 : 5559-18P



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## 文件和资源

### 图纸

[图纸 039012181\\_sd.pdf](#)

### 3D 模型和设计文件

[3D模型 039012181\\_stp.zip](#)

### 规格

[应用规格 AS-5557-001-001.pdf](#)

[应用规格 55560001-AS-000.pdf](#)

[包装规格 PK-5559-001-001.pdf](#)

[产品规格 PS-45750-001-001.pdf](#)

[产品规格 PS-5556-001-001.pdf](#)

[测试摘要 55560010-TS-000.pdf](#)

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## 产物环境合规

### 合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[多部分产品合规性声明](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

## 产品详情

### 常规

状态	活动
类别	Connector Housings
系列	5559
说明	Mini-Fit Jr. Plug Housing, Dual Row, 18 Circuits, UL 94V-2, with Panel Mounting Ears, Natural
应用	Power, Wire-to-Board, Wire-to-Wire
个评论	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. See Molex product specification PS-45750-001 for additional current derating information.
产品系列	Mini-Fit Family Power Connectors
产品名称	Mini-Fit Jr.
UPC	800753583993

### 机构

CSA	LR19980
UL	E29179

### 物理

断开	否
电路数 (最多)	18

颜色-树脂	Natural
阻燃性	94V-2
性别	Plug
符合灼热丝规范	否
材料 - 树脂	Nylon
净重	5288.300/mg
行数	2
包装形式	Bag
面板安装式	是
间距 - 插配接口	4.20mm
间距 - 终端界面	4.20mm
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +105° C

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## 可配插/可连接使用的产品

### 可配插部件

描述	产品编号
Mini-Fit Jr. Receptacle Housings	<u>5557</u>

### 可连接使用部件

描述	产品编号
Pre-Crimped Lead Mini-Fit Male-to-Mini-Fit Male, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Red	<a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580005.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580005.html</a>
Pre-Crimped Lead Mini-Fit Male-to-Mini-Fit Male, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red	<a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580013.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580013.html</a>
Mini-Fit Male Crimp Terminals	<u>5558</u>
Mini-Fit Plus Male Crimp Terminals	<u>46012</u>
Mini-Fit Jr. Crimp Grounding Terminals	<u>30490</u>

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