



产品编号：[39288140](#)
Product Description：Mini-Fit Jr.
Vertical Header, 4.20mm Pitch, Dual Row,
14 Circuits, without Snap-in Plastic Peg
PCB Lock, Tin, Natural
系列号：5566
状态：Active
Product Category：PCB Headers and
Receptacles
工程编号：5566-14A-210



文件和资源

图纸

[图纸 039288140_sd.pdf](#)
[包装设计图 PK-5566-000.pdf](#)

3D 模型和设计文件

[3D模型 039288140_stp.zip](#)

规格

[应用规格 AS-5557-001-001.pdf](#)
[包装规格 PK-5566-003-001.pdf](#)
[产品规格 PS-5556-001-001.pdf](#)
[测试摘要 TS-5556-002-001.pdf](#)

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	PCB Headers and Receptacles
系列	5566
说明	Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 14 Circuits, without Snap-in Plastic Peg PCB Lock, Tin, Natural
应用	Power, Wire-to-Board
个评论	The 5566 header should be used with standard Mini-Fit female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit Plus HCS family 45750 terminals with 46015 headers; See Molex Product specification PS-5666-001 for current de-rating information.
元件类型	PCB Header
产品系列	Mini-Fit Family Power Connectors
产品名称	Mini-Fit Jr.
UPC	800753617605

机构

CSA	LR19980
UL	E29179

电气

每触点最大电流	9.0A
电压 - 最大	600V

物理

断开	否
回路数（已载入）	14
电路数（最多）	14
颜色-树脂	Natural
耐用性(插拔次数) - 最多次数	30
先接后断	否
阻燃性	94V-0
符合灼热丝规范	否
可配插产品指南	否
插接极性	无
锁定插接部位	是
材料 - 金属	Brass
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Tin
材料 - 树脂	Nylon
净重	3.868/g
行数	2
方向	垂直
包装形式	Bag
PC 焊脚长度	3.50mm
PCB 定位器	是
PCB 保持力	无
推荐的 PCB 厚度	1.60mm
间距 - 插配接口	4.20mm
间距 - 终端界面	4.20mm
最薄镀层 - 接合部位	0.889µm
最薄镀层 - 端接	0.889µm
有极性的插配件	是
PCB 极性	是
有护墙的	Fully
可堆叠的	否

运行温度范围	-40° to +105° C
终端界面类型	Through Hole

进程

最长持续时间	5
无铅	WAVE
最大周期	1
最高温度	240

可配插/可连接使用的产品

可配插部件

描述	产品编号
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>
Mini-Fit Jr. Receptacle Housings	<u>5557</u>

H	12		11		10		9	8	7	6	5	4	3	2	1
							39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210			39-28-8240	5566-24A-210	24
							39-30-9225	5566-22AGS2-210	39-29-6228	5566-22AGS-210			39-28-8220	-22A-210	22
							39-30-9205	5566-20AGS2-210	39-29-6208	5566-20AGS-210			39-28-8200	-20A-210	20
							39-30-9185	5566-18AGS2-210	39-29-6188	5566-18AGS-210			39-28-8180	-18A-210	18
							39-30-9165	5566-16AGS2-210	39-29-6168	5566-16AGS-210	39-30-6162	5566-16AS-210	39-28-8160	-16A-210	16
							39-30-9145	5566-14AGS2-210	39-29-6148	5566-14AGS-210			39-28-8140	-14A-210	14
							39-30-9125	5566-12AGS2-210	39-29-6128	5566-12AGS-210			39-28-8120	-12A-210	12
							39-30-9105	5566-10AGS2-210	39-29-6108	5566-10AGS-210			39-28-8100	-10A-210	10
G							39-30-9085	5566-08AGS2-210	39-29-6088	5566-08AGS-210	39-30-6082	5566-08AS-210	39-28-8080	-08A-210	8
							39-30-9065	5566-06AGS2-210	39-29-6068	5566-06AGS-210	39-30-6062	5566-06AS-210	39-28-8060	-06A-210	6
							39-30-9045	5566-04AGS2-210	39-29-6048	5566-04AGS-210	39-30-6042	5566-04AS-210	39-28-8040	-04A-210	4
							39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210			39-28-8020	5566-02A-210	2
	EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		CKT. SIZE
F	5566-NAPB-210		5566-NAGS2-210		5566-NAGS-210		5566-NAS-210		5566-NA-210						
			39-30-9244		39-29-0243		39-28-1243		5566-24A						24
			39-30-9224				39-28-1223		5566-22A						22
			39-30-9204		39-29-0203		39-28-1203		5566-20A						20
			39-30-9184		39-29-0183		39-28-1183		5566-18A						18
			39-30-9164				39-28-1163		5566-16A						16
			39-30-9144				39-28-1143		5566-14A						14
			39-30-9124		39-29-0123		39-28-1123		5566-12A						12
			39-30-9104		39-29-0103		39-28-1103		5566-10A						10
E			39-30-9084		39-29-0083		39-28-1083		5566-08A						8
			39-30-9064		39-29-0063		39-28-1063		5566-06A						6
			39-30-9044		39-29-0043		39-28-1043		5566-04A						4
			39-30-9024		39-29-0023		39-28-1023		5566-02A						2
	EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		CKT. SIZE
D	5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA						
C															
B															
A															

PARTS WITHOUT DRAIN HOLES

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

IN/MM

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.005
2 PLACES	± 0.13	± 0.01</

TRAY PACKED PART NUMBERS

PARTS WITHOUT DRAIN HOLES

TRAY PACKED PER TA 	46999-0137	5566-24AMS	TRAY PACKED PER TA 	46999-0149	5566-24AMS-210	24
	46999-0136	5566-22AMS		46999-0148	5566-22AMS-210	22
	46999-0135	5566-20AMS		46999-0147	5566-20AMS-210	20
	46999-0134	5566-18AMS		46999-0146	5566-18AMS-210	18
	46999-0133	5566-16AMS		46999-0145	5566-16AMS-210	16
	46999-0132	5566-14AMS		46999-0144	5566-14AMS-210	14
	46999-0131	5566-12AMS		46999-0143	5566-12AMS-210	12
	46999-0130	5566-10AMS		46999-0142	5566-10AMS-210	10
	46999-0129	5566-08AMS		46999-0141	5566-08AMS-210	8
	46999-0128	5566-06AMS		46999-0140	5566-06AMS-210	6
	46999-0127	5566-04AMS		46999-0139	5566-04AMS-210	4
	46999-0126	5566-02AMS		46999-0138	5566-02AMS-210	2
	EDP. NO.	ENG. NO.		EDP. NO.	ENG. NO.	CKT. SIZE
5566-NAMS			5566-NAMS-210			
						24
						22
						20
				39-53-9188	5566-18A-TA	18
						16
						14
						12
						10
						8
	46999-0630	5566-06AGS2-BL-TA				6
	46999-0629	5566-04AGS2-BL-TA				4
						2
	EDP NO.	ENG. NO.		EDP NO.	ENG. NO.	CKT. SIZE
	5566-NAGS2-BL-TA			5566-NA-TA		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

IN/MM

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.005
2 PLACES	± 0.13	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: OBSOLETE PART NUMBER
AS PER PCN#511877

EC NO: 693980

DRWN: ABHISP1

CHK'D: GGA

APPR: GGA

2022/05/13

2022/05/18

2022/05/18

INITIAL REVISION:

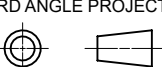
DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

5566

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M5

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5

mo

lex

MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2022/05/18

11:56:17

12

11

10

9

8

7

6

5

4

3

2

1

FORMS: Engage-master-to-ymc

REVISION: E1

DATE: 2021/05/01

H	12		11		10		9	8	7	6	5	4	3	2	1	
					39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210					39-28-8240	5566-24A-210	24	
					39-30-9225	5566-22AGS2-210	39-29-6228	5566-22AGS-210					39-28-8220	-22A-210	22	
					39-30-9205	5566-20AGS2-210	39-29-6208	5566-20AGS-210					39-28-8200	-20A-210	20	
					39-30-9185	5566-18AGS2-210	39-29-6188	5566-18AGS-210					39-28-8180	-18A-210	18	
					39-30-9165	5566-16AGS2-210	39-29-6168	5566-16AGS-210	39-30-6162	5566-16AS-210			39-28-8160	-16A-210	16	
					39-30-9145	5566-14AGS2-210	39-29-6148	5566-14AGS-210					39-28-8140	-14A-210	14	
					39-30-9125	5566-12AGS2-210	39-29-6128	5566-12AGS-210					39-28-8120	-12A-210	12	
					39-30-9105	5566-10AGS2-210	39-29-6108	5566-10AGS-210					39-28-8100	-10A-210	10	
					39-30-9085	5566-08AGS2-210	39-29-6088	5566-08AGS-210	39-30-6082	5566-08AS-210			39-28-8080	-08A-210	8	
					39-30-9065	5566-06AGS2-210	39-29-6068	5566-06AGS-210	39-30-6062	5566-06AS-210			39-28-8060	-06A-210	6	
					39-30-9045	5566-04AGS2-210	39-29-6048	5566-04AGS-210	39-30-6042	5566-04AS-210			39-28-8040	-04A-210	4	
					39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210					39-28-8020	5566-02A-210	2	
	EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		ENG. NO.	CKT. SIZE
	5566-NAPB-210				5566-NAGS2-210				5566-NAGS-210				5566-NAS-210		5566-NA-210	
				39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS						39-28-1243	5566-24A	24	
				39-30-9224	5566-22AGS2								39-28-1223	5566-22A	22	
				39-30-9204	5566-20AGS2	39-29-0203	5566-20AGS						39-28-1203	5566-20A	20	
				39-30-9184	5566-18AGS2	39-29-0183	5566-18AGS						39-28-1183	5566-18A	18	
				39-30-9164	5566-16AGS2								39-28-1163	5566-16A	16	
				39-30-9144	5566-14AGS2								39-28-1143	5566-14A	14	
				39-30-9124	5566-12AGS2	39-29-0123	5566-12AGS						39-28-1123	5566-12A	12	
				39-30-9104	5566-10AGS2	39-29-0103	5566-10AGS	39-30-6101	5566-10AS				39-28-1103	5566-10A	10	
				39-30-9084	5566-08AGS2	39-29-0083	5566-08AGS	39-30-6081	5566-08AS				39-28-1083	5566-08A	8	
				39-30-9064	5566-06AGS2	39-29-0063	5566-06AGS						39-28-1063	5566-06A	6	
				39-30-9044	5566-04AGS2	39-29-0043	5566-04AGS						39-28-1043	5566-04A	4	
				39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS						39-28-1023	5566-02A	2	
EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		ENG. NO.		EDP NO.		ENG. NO.	CKT. SIZE	
5566-NAPB				5566-NAGS2				5566-NAGS				5566-NAS		5566-NA		

TRAY PACKED PART NUMBERS

PARTS WITHOUT DRAIN HOLES

TRAY PACKED PER TA 	46999-0137	5566-24AMS	TRAY PACKED PER TA 	46999-0149	5566-24AMS-210	24
	46999-0136	5566-22AMS		46999-0148	5566-22AMS-210	22
	46999-0135	5566-20AMS		46999-0147	5566-20AMS-210	20
	46999-0134	5566-18AMS		46999-0146	5566-18AMS-210	18
	46999-0133	5566-16AMS		46999-0145	5566-16AMS-210	16
	46999-0132	5566-14AMS		46999-0144	5566-14AMS-210	14
	46999-0131	5566-12AMS		46999-0143	5566-12AMS-210	12
	46999-0130	5566-10AMS		46999-0142	5566-10AMS-210	10
	46999-0129	5566-08AMS		46999-0141	5566-08AMS-210	8
	46999-0128	5566-06AMS		46999-0140	5566-06AMS-210	6
	46999-0127	5566-04AMS		46999-0139	5566-04AMS-210	4
	46999-0126	5566-02AMS		46999-0138	5566-02AMS-210	2
	EDP. NO.	ENG. NO.		EDP. NO.	ENG. NO.	CKT. SIZE
5566-NAMS			5566-NAMS-210			
						24
						22
						20
				39-53-9188	5566-18A-TA	18
						16
						14
						12
						10
						8
	46999-0630	5566-06AGS2-BL-TA				6
	46999-0629	5566-04AGS2-BL-TA				4
						2
	EDP NO.	ENG. NO.		EDP NO.	ENG. NO.	CKT. SIZE
	5566-NAGS2-BL-TA			5566-NA-TA		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

IN/MM

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.005
2 PLACES	± 0.13	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: OBSOLETED PART NUMBER
AS PER PCN#511877

EC NO: 693980

DRWN: ABHISP1

CHK'D: GGA

APPR: GGA

2022/05/13

2022/05/18

2022/05/18

INITIAL REVISION:

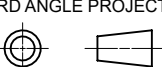
DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

5566

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M5

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5

mo

lex

MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/18	11:56:17
-----------------	----	--------------	------------	----------

12

11

10

9

8

7

6

5

4

3

2

1

FORMAT: Engage-master-to-ymc-C
REVISION: E1
DATE: 2022/05/01