

The diagram illustrates the circuit size layout for a device. It includes a table of circuit configurations and a detailed mechanical drawing of the layout.

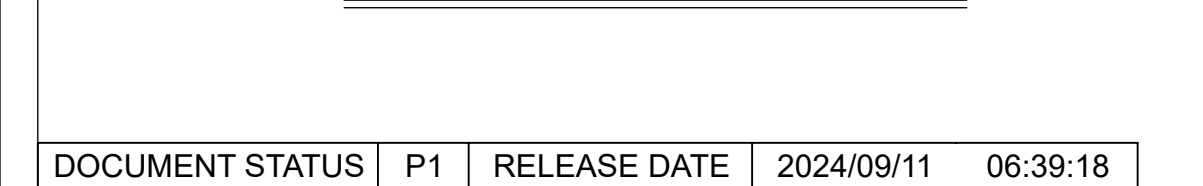
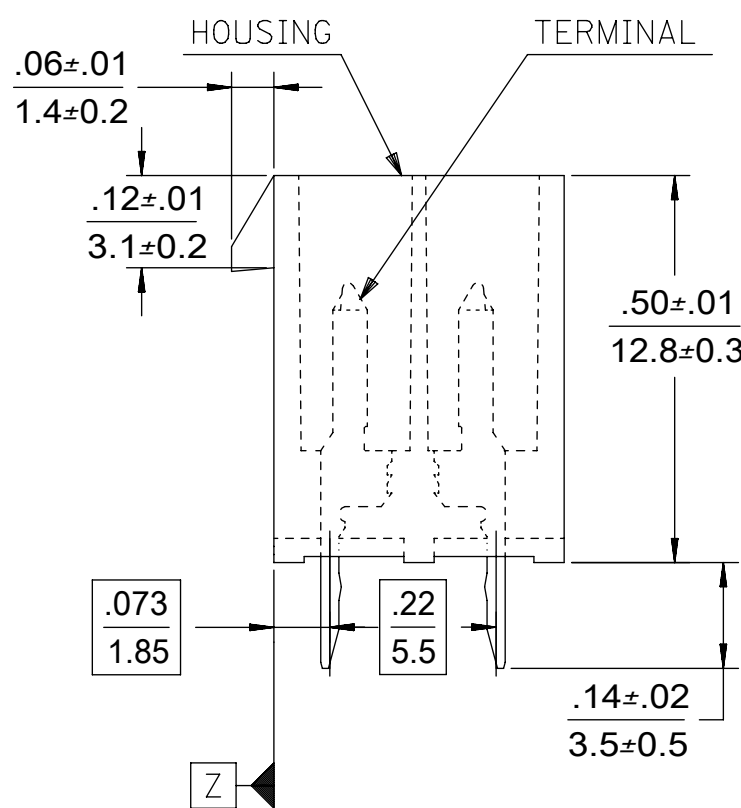
11	10	9	8	7	6	5
6 CKTS.	8 CKTS.	18 CKTS.	20 CKTS.			
4 CKTS.	10 CKTS.	16 CKTS.	22 CKTS.			
2 CKTS.	12 CKTS.	14 CKTS.	24 CKTS.			

CIRCUIT SIZE LAYOUT

The mechanical drawing shows the physical dimensions of the circuit layout. Key dimensions include:

- Overall width: $A \pm 0.16$ (top) and ± 0.40 (middle).
- Top-left corner: $.11$ (width) and 2.7 (height).
- Top-right corner: $.02 \pm 0.01$ (width) and 0.4 ± 0.2 (height).
- Bottom-left corner: $.17 \text{ TYP}$ (width) and 4.2 (height).
- Bottom-right corner: $\phi 0.04/1.0$ (diameter) and $Z Y$ (orientation).

A note indicates: RIB INDICATES CIRCUIT NO. 1.



- LEGEND**
- 5566 - N * * * - * - *
- BASE NUMBER
- CIRCUIT SIZE
- ASSEMBLY TYPE
A - W/O DRAIN HOLES
B - W/O DRAIN HOLES
(B: NOT RECOMMENDED FOR NEW APPLICATION)
- TERMINAL MATERIAL
(SEE NOTE 1)
- TERMINAL PLATING
(SEE NOTE 2)
- HOUSING MATERIAL
(SEE NOTE 1)
- COLOR OR PACKAGING
BL: BLACK RE: RED GR: GRAY
BU: BLUE YE: YELLOW GRE: GREEN
V: VIOLET OR: ORANGE
TA: TRAY PACKAGING SEE NOTE 4
TR: TRAY PACKAGING SEE NOTE 4

FORMAT: Exp-logs-master-0-prod-C REVISION: 1.1 DATE: 2021/05/01												12		11		10		9		8		7		6		5		4		3		2		1
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12		11		10		9		8		7		6		5		4		3		2		1		
H				39-30-9245	5566-24AGS2-2 I O	39-29-6248	5566-24AGS-2 I O											39-28-8240	5566-24A-2 I O	24				
				39-30-9225	5566-22AGS2-2 I O	39-29-6228	5566-22AGS-2 I O											39-28-8220	-22A-2 I O	22				
				39-30-9205	5566-20AGS2-2 I O	39-29-6208	5566-20AGS-2 I O											39-28-8200	-20A-2 I O	20				
				39-30-9 I 85	5566- I 8AGS2-2 I O	39-29-6 I 88	5566- I 8AGS-2 I O											39-28-8 I 80	- I 8A-2 I O	I 8				
				39-30-9 I 65	5566- I 6AGS2-2 I O	39-29-6 I 68	5566- I 6AGS-2 I O	39-30-6 I 62	5566- I 6AS-2 I O									39-28-8 I 60	- I 6A-2 I O	I 6				
				39-30-9 I 45	5566- I 4AGS2-2 I O	39-29-6 I 48	5566- I 4AGS-2 I O											39-28-8 I 40	- I 4A-2 I O	I 4				
				39-30-9 I 25	5566- I 2AGS2-2 I O	39-29-6 I 28	5566- I 2AGS-2 I O											39-28-8 I 20	- I 2A-2 I O	I 2				
				39-30-9 I 05	5566- I 0AGS2-2 I O	39-29-6 I 08	5566- I 0AGS-2 I O											39-28-8 I 00	- I 0A-2 I O	I 0				
G				39-30-9085	5566-08AGS2-2 I O	39-29-6088	5566-08AGS-2 I O	39-30-6082	5566-08AS-2 I O									39-28-8080	-08A-2 I O	8				
				39-30-9065	5566-06AGS2-2 I O	39-29-6068	5566-06AGS-2 I O	39-30-6062	5566-06AS-2 I O									39-28-8060	-06A-2 I O	6				
				39-30-9045	5566-04AGS2-2 I O	39-29-6048	5566-04AGS-2 I O	39-30-6042	5566-04AS-2 I O									39-28-8040	-04A-2 I O	4				
				39-30-9025	5566-02AGS2-2 I O	39-29-6028	5566-02AGS-2 I O											39-28-8020	5566-02A-2 I O	2				
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE			
	5566-NAPB-2 I O			5566-NAGS2-2 I O			5566-NAGS-2 I O			5566-NAS-2 I O			5566-NA-2 I O			5566-NA-2 I O			5566-NA-2 I O			5566-NA-2 I O		
				39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS											39-28- I 243	5566-24A	24				
				39-30-9224	5566-22AGS2													39-28- I 223	5566-22A	22				
F				39-30-9204	5566-20AGS2	39-29-0203	5566-20AGS											39-28- I 203	5566-20A	20				
				39-30-9 I 84	5566- I 8AGS2	39-29-0 I 83	5566- I 8AGS											39-28- I I 83	5566- I 8A	I 8				
				39-30-9 I 64	5566- I 6AGS2													39-28- I I 63	5566- I 6A	I 6				
				39-30-9 I 44	5566- I 4AGS2													39-28- I I 43	5566- I 4A	I 4				
				39-30-9 I 24	5566- I 2AGS2	39-29-0 I 23	5566- I 2AGS											39-28- I I 23	5566- I 2A	I 2				
				39-30-9 I 04	5566- I 0AGS2	39-29-0 I 03	5566- I 0AGS	39-30-6 I 0 I	5566- I 0AS									39-28- I I 03	5566- I 0A	I 0				
				39-30-9084	5566-08AGS2	39-29-0083	5566-08AGS	39-30-608 I	5566-08AS									39-28- I 083	5566-08A	8				
				39-30-9064	5566-06AGS2	39-29-0063	5566-06AGS											39-28- I 063	5566-06A	6				
E				39-30-9044	5566-04AGS2	39-29-0043	5566-04AGS											39-28- I 043	5566-04A	4				
				39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS											39-28- I 023	5566-02A	2				
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	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			5566-NA			5566-NA			5566-NA		

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		SCALE		CURRENT REV DESC:				molex																		
IN/MM		NTS																								
GENERAL TOLERANCES (UNLESS SPECIFIED)																										
	MM	INCH																								
4 PLACES	±		±	EC NO: 784313 DRWN: XQZHANG CHK'D: XQZHANG APPR: XQZHANG 2023/03/17 2024/09/11 2024/09/11				MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS																		
3 PLACES	±		± 0.015																							
2 PLACES	± 0.38	±	0.02																							
1 PLACE	± 0.5	±						INITIAL REVISION: DRWN: H.HIRAMOTO APPR: FSMITH 1989/04/03 2012/05/04				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION										
0 PLACES	±		±									SD-5566-002		PSD	000	M7										
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE	5566	SEE TABLE		GENERAL MARKET		2 OF 5														
DOCUMENT STATUS				P1	RELEASE DATE		2024/09/11 06:39:18																			
FORMAT: English-Metric-Drawing C REVISION: E1 DATE: 2024/09/01				12	11		10		9		8		7		6		5		4		3		2		1	

[illegible]

[illegible]

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		

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DIMENSION UNITS

IN/MM

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.015
2 PLACES	± 0.38	± 0.02
1 PLACE	± 0.5	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC:

EC NO: 784313

DRWN: XQZHANG

CHK'D: XQZHANG

APPR: XQZHANG

2023/03/17

2024/09/11

2024/09/11

INITIAL REVISION:

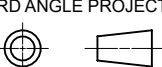
DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

5566



MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M7

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5