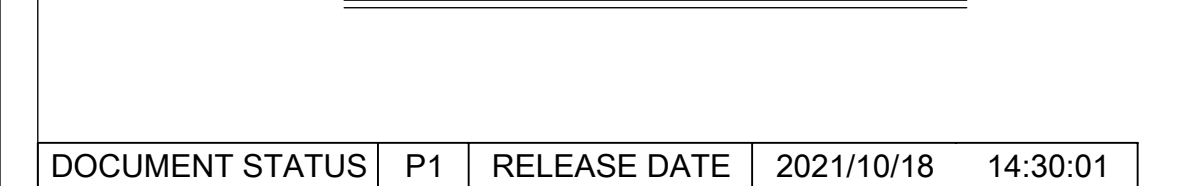
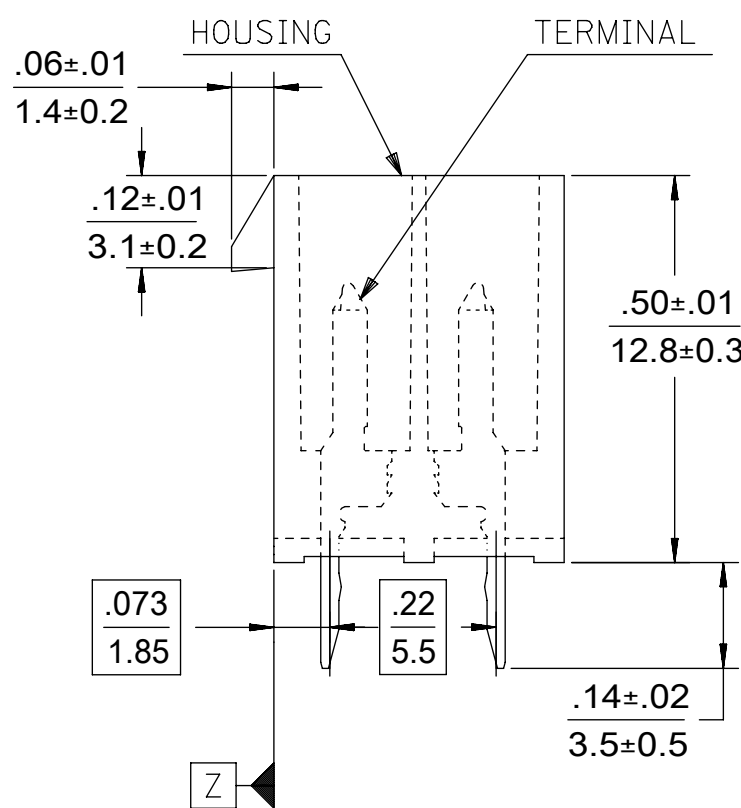


Figure 1: Circuit size layout. The top part shows 12 circuit configurations labeled 2 CKTS. to 24 CKTS. Each configuration is a grid of numbered boxes (1-24) representing circuit components. The bottom part is a technical drawing of the circuit board layout with dimensions and tolerances.

Technical drawing details:

- Overall width: $A \pm 0.16$ (top) and ± 0.40 (middle)
- Overall height: 0.4 ± 0.2
- Feature 1: $.11$ (width), 2.7 (height)
- Feature 2: $.17$ TYP (width), 4.2 (height)
- Feature 3: $\pm 0.04/1.0$ (width), $Z Y$ (height)
- Note: RIB INDICATES CIRCUIT NO. 1



LEGEND

5566 - N * * * - * - *

BASE NUMBER _____

CIRCUIT SIZE _____

ASS'Y TYPE _____

 A : WITHOUT DRAIN HOLES

 B : WITHOUT DRAIN HOLES

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.lega number (b-grad C) RESPOBIL E DATE: 2020/01/14											
12	11	10	9	8	7	6	5	4	3	2	1

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.		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.		EDP NO.	ENG. NO.		CKT. SIZE	
5566-NAPB			5566-NAGS2			5566-NAGS			5566-NAS			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

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:

EC NO: 681570
DRWN: HPAN18
CHK'D: XQZHANG
APPR: XQZHANG

2021/10/07
2021/10/18
2021/10/18

INITIAL REVISION:
DRWN: H.HIRAMOTO
APPR: FSMITH

1989/04/03
2012/05/04

THIRD ANGLE PROJECTION

C-SIZE

DRAWING

SERIES

5566

molex

MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 5

H	12		11		10		9	8	7	6	5		4		3	2		1	H				
																		24					
																		22					
																		20					
																		18					
											39-31-0168	5566-16BGS-210			39-31-0160	5566-16B-210		16					
											39-31-0148	5566-14BGS-210			39-31-0140	5566-14B-210		14					
											39-31-0128	5566-12BGS-210			39-31-0120	5566-12B-210		12					
											39-31-0108	5566-10BGS-210			39-31-0100	5566-10B-210		10					
											39-31-0088	5566-08BGS-210			39-31-0080	5566-08B-210		8					
G											39-31-0068	5566-06BGS-210			39-31-0060	5566-06B-210		6	G				
											39-31-0048	5566-04BGS-210			39-31-0040	5566-04B-210		4					
											39-31-0028	5566-02BGS-210			39-31-0020	5566-02B-210		2					
											EDP NO.	ENG. NO.			EDP NO.	ENG. NO.		CKT. SIZE					
											5566-NBGS-210			5566-NB-210									
																		24					
																		22					
F											39-31-0207	5566-20BGS			39-29-3206	5566-20B		20	F				
																		18					
											39-31-0167	5566-16BGS			39-29-3166	5566-16B		16					
											39-31-0147	5566-14BGS			39-29-3146	5566-14B		14					
														39-29-3126	5566-12B		12						
											39-31-0107	5566-10BGS			39-29-3106	5566-10B		10					
											39-31-0087	5566-08BGS			39-29-3086	5566-08B		8					
											39-31-0067	5566-06BGS			39-29-3066	5566-06B		6					
											39-30-9046	5566-04BGS2			39-29-3046	5566-04B		4					
												39-31-0027		5566-02BGS			39-29-3026	5566-02B		2			
E											EDP NO.	ENG. NO.			EDP NO.	ENG. NO.		CKT. SIZE	E				
											5566-NBGS2			5566-NBGS			5566-NB						
D																			D				
C																			C				
B																			B				
A																			A				
DOCUMENT STATUS		P1	RELEASE DATE		2021/10/18		14:30:01																
12		11		10		9		8		7		6		5		4		3		2		1	

PARTS WITH DRAIN HOLES

PARTS WITH/OUT DRAIN HOLES

PENDING OBSOLETE

-NOT RECOMENDED FOR NEW APPLICATIONS

-NO WITH DRAIN HOLE VERSION PRODUCT

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

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GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
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1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 681570

DRWN: HPAN18

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APPR: XQZHANG

2021/10/07

2021/10/18

2021/10/18

INITIAL REVISION:

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APPR: FSMITH

1989/04/03

2012/05/04

THIRD ANGLE PROJECTION

C-SIZE

SERIES

5566

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 5

molex

MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

[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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0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
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2021/10/07

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INITIAL REVISION:

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1989/04/03

2012/05/04





C-SIZE

SERIES

5566

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M4

MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5

DOCUMENT STATUS

P1

RELEASE DATE

2021/10/18

14:30:01

12

11

10

9

8

7

6

5

4

3

2

1

FORMATS: Eng-High Resolution 30 pin x 10 C

REVISION: E

DATE: 2020/01/16