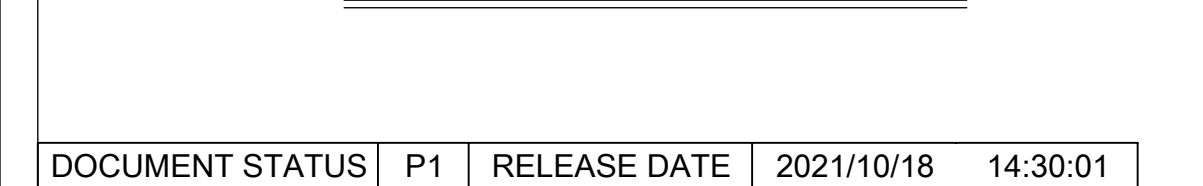
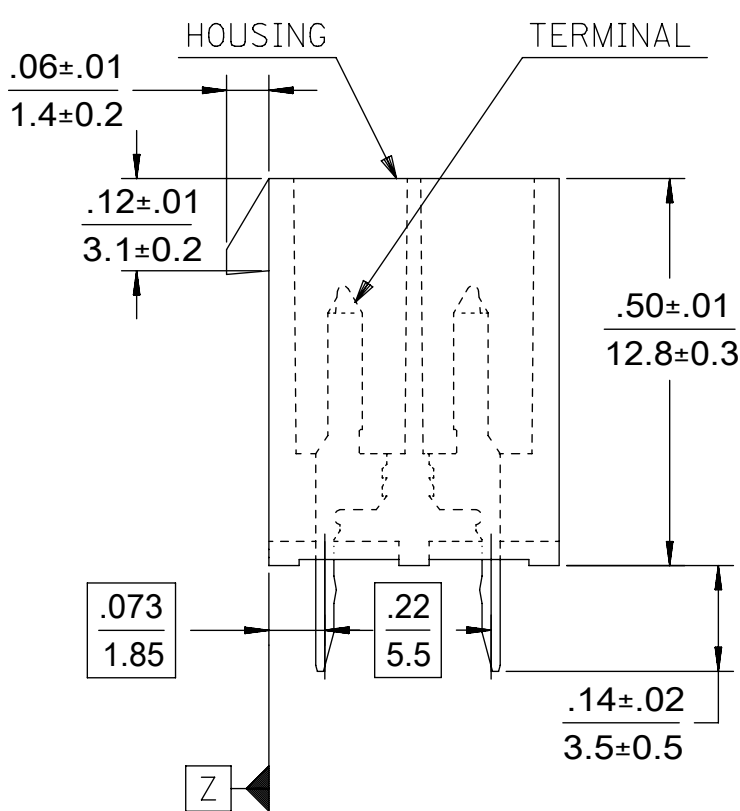


Figure 1: Circuit size layout. The top part shows 12 circuit configurations labeled 2 CKTS. to 24 CKTS. Each configuration is a grid of numbered boxes (1-24) representing circuit components. The bottom part is a technical drawing of the circuit board layout with dimensions and labels.

Technical drawing labels and dimensions:

- Overall width: $A \pm .016$ / ± 0.40
- Overall height: B
- Top-left dimension: $.02 \pm .01$ / 0.4 ± 0.2
- Top-right dimension: $.11$ / 2.7
- Bottom-left dimension: $.17 \text{ TYP}$ / 4.2
- Bottom-right dimension: $\phi .04 / 1.0$ Z Y

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

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.		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.		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

CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

2 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

FORMAT: Engineering Standard 10-0000 C
REVISION: E
DATE: 2020/01/16

D

C

B

A

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 1:1		CURRENT REV DESC: EC NO: 681570 DRWN: HPAN18 CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: H.HIRAMOTO APPR: FSMITH			molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS			
	MM	INCH								
4 PLACES	±	±								
3 PLACES	±	± 0.005								
2 PLACES	± 0.13	± 0.01								
1 PLACE	± 0.25	±				PRODUCT CUSTOMER DRAWING				
0 PLACES	±	±				DOCUMENT NUMBER SD-5566-002		DOC TYPE PSD	DOC PART 000	REVISION M4
ANGULAR TOL ± 0.5 °			THIRD ANGLE PROJECTION		DRAWING C-SIZE	SERIES 5566	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/18	14:30:01
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FORMAT: Eng-lega-master-ib-prod-C REVISION: E DATE: 2020/1/14	12	11	10	
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[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

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(UNLESS SPECIFIED)

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0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

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2021/10/07

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1989/04/03

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THIRD ANGLE PROJECTION

DRAWING

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DOC PART

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REVISION

M4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5