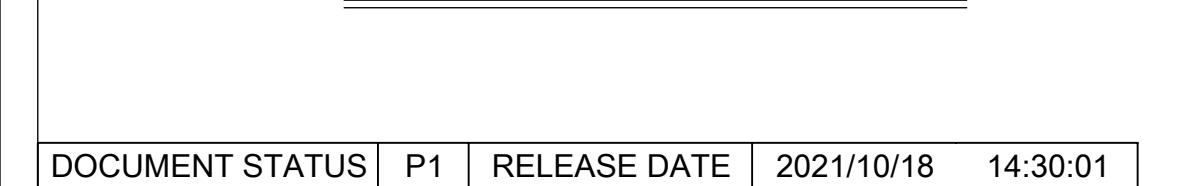
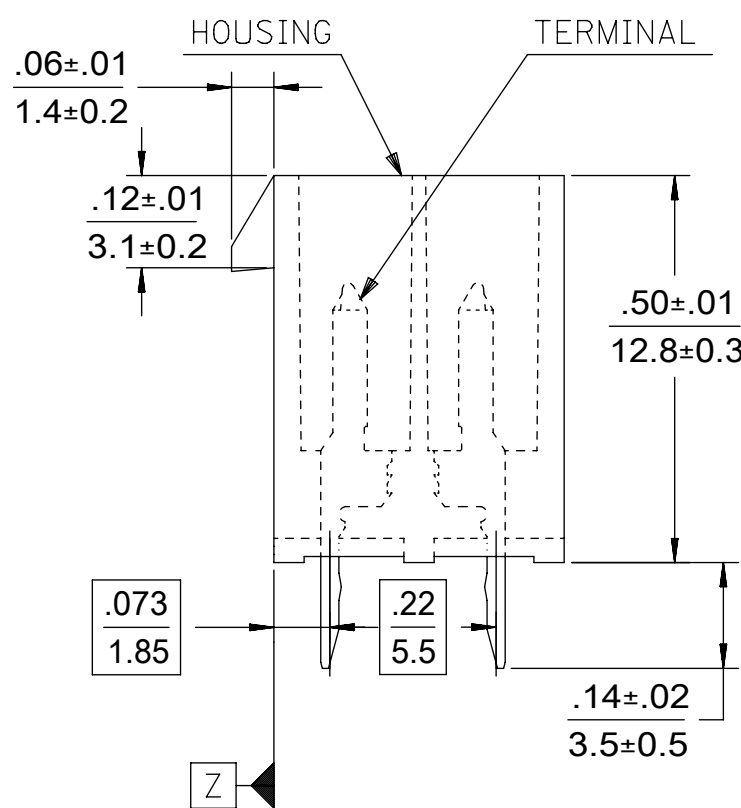


Figure 1: Circuit size layout. The top part shows 12 circuit configurations labeled 2 CKTS. to 24 CKTS. Each configuration is a grid of numbered boxes (1-24) representing circuit components. The bottom part is a technical drawing of the circuit board layout with dimensions and labels.

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

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.		EDP NO.		ENG. NO.		CKT. SIZE
	5566-NAPB-210		5566-NAGS2-210		5566-NAGS-210		5566-NAGS-210		5566-NAS-210		5566-NA-210		5566-NA-210		5566-NA-210		5566-NA-210		5566-NA-210		5566-NA-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.		CKT. SIZE	
5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAGS		5566-NAS		5566-NAS		5566-NAS		5566-NA		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

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

DRAWING

C-SIZE

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

DOCUMENT STATUS

P1

RELEASE DATE

2021/10/18 14:30:01

12

11

10

9

8

7

6

5

4

3

2

1

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 2021/10/07 2021/10/18 2021/10/18 1989/04/03 2012/05/04			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	±								
0 PLACES	±	±								
ANGULAR TOL		± 0.5 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING C-SIZE	SERIES 5566	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 5	

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

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
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1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
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CURRENT REV DESC:

EC NO: 681570

DRWN: HPAN18

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2021/10/07

2021/10/18

2021/10/18

INITIAL REVISION:

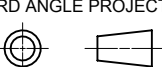
DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

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5 OF 5