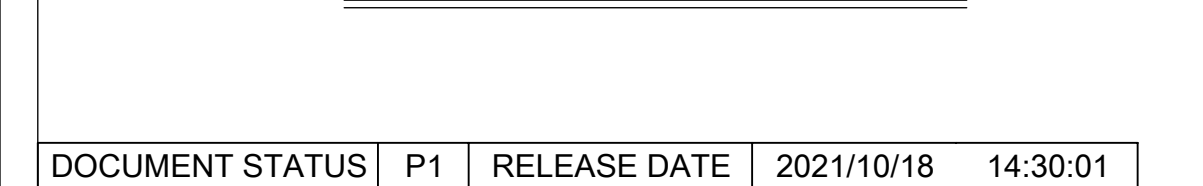
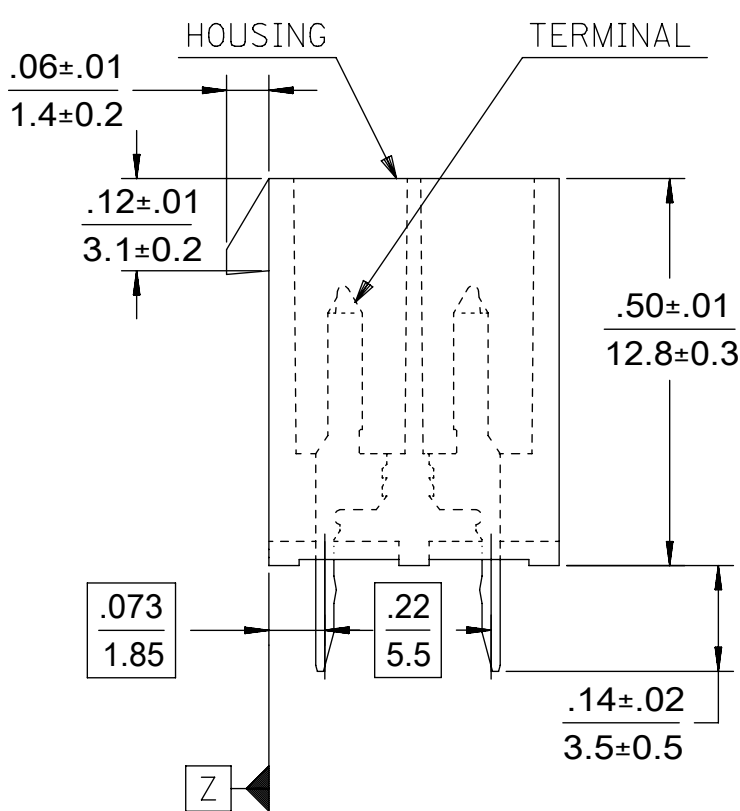


Figure 1: Circuit size layout. The top part shows 12 circuit configurations labeled 2 CKTS. to 24 CKTS. Each configuration is a grid of numbered boxes (1-24) representing circuit components. The bottom part is a technical drawing of the circuit board layout with dimensions and labels.

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

The diagram illustrates the structure of a part number, with each character or group of characters corresponding to a specific attribute. The part number is shown as 5566 - N * * * - * - *. Below the part number, lines connect each character to its corresponding attribute:

- BASE NUMBER**: 5566
- CIRCUIT SIZE**: 6
- ASS'Y TYPE**: -
- TERMINAL MATERIAL**: N
- TERMINAL PLATING**: *
- HOUSING MATERIAL**: *
- COLOR OR PACKAGING**: *

Below the diagram, a legend defines the options for the characters marked with an asterisk (*):

- BL : BLACK RE : RED GR : GRAY
- BU : BLUE YE : YELLOW GRE : GREEN
- V : VIOLET OR : ORANGE

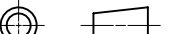
At the bottom, two additional options are listed:

- TA : TRAY PACKAGING SEE NOTE 4
- TR : TRAY PACKAGING SEE NOTE 4

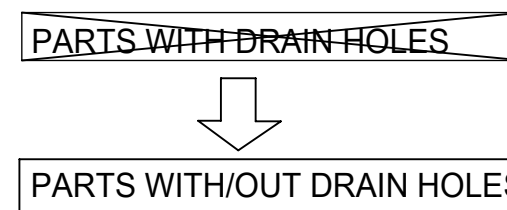
FORMAT: Exp.lega number (b-grad C) RESPOBIL E DATE: 2020/01/14											
12	11	10	9	8	7	6	5	4	3	2	1

	12	11	10	9	8	7	6	5	4	3	2	1
H				39-30-9245	5566-24AGS2-2 IO	39-29-6248	5566-24AGS-2 IO			39-28-8240	5566-24A-2 IO	24
				39-30-9225	5566-22AGS2-2 IO	39-29-6228	5566-22AGS-2 IO			39-28-8220	-22A-2 IO	22
				39-30-9205	5566-20AGS2-2 IO	39-29-6208	5566-20AGS-2 IO			39-28-8200	-20A-2 IO	20
				39-30-9185	5566-18AGS2-2 IO	39-29-6188	5566-18AGS-2 IO			39-28-8180	-18A-2 IO	18
				39-30-9165	5566-16AGS2-2 IO	39-29-6168	5566-16AGS-2 IO	39-30-6162	5566-16AS-210	39-28-8160	-16A-2 IO	16
				39-30-9145	5566-14AGS2-2 IO	39-29-6148	5566-14AGS-2 IO			39-28-8140	-14A-2 IO	14
				39-30-9125	5566-12AGS2-2 IO	39-29-6128	5566-12AGS-2 IO			39-28-8120	-12A-2 IO	12
				39-30-9105	5566-10AGS2-2 IO	39-29-6108	5566-10AGS-2 IO			39-28-8100	-10A-2 IO	10
G				39-30-9085	5566-08AGS2-2 IO	39-29-6088	5566-08AGS-2 IO	39-30-6082	5566-08AS-210	39-28-8080	-08A-2 IO	8
				39-30-9065	5566-06AGS2-2 IO	39-29-6068	5566-06AGS-2 IO	39-30-6062	5566-06AS-210	39-28-8060	-06A-2 IO	6
				39-30-9045	5566-04AGS2-2 IO	39-29-6048	5566-04AGS-2 IO	39-30-6042	5566-04AS-210	39-28-8040	-04A-2 IO	4
				39-30-9025	5566-02AGS2-2 IO	39-29-6028	5566-02AGS-2 IO			39-28-8020	5566-02A-2 IO	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-2 IO		5566-NAGS2-2 IO		5566-NAGS-2 IO		5566-NAS-2 IO		5566-NA-2 IO			
			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	
F			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	
E			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

A	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		1:1																						
	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 681570 DRWN: HPAN18 CHK'D: XQZHANG APPR: XQZHANG 2021/10/07 2021/10/18 2021/10/18				MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS												
		MM	INCH																						
	4 PLACES	±		±	PRODUCT CUSTOMER DRAWING																				
	3 PLACES	±		± 0.005																					
	2 PLACES	±	0.13	± 0.01																					
	1 PLACE	±	0.25	±																					
	0 PLACES	±		±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION												
ANGULAR TOL ± 0.5 °				DRWN: H.HIRAMOTO APPR: FSMITH 1989/04/03 2012/05/04				SD-5566-002		PSD	000	M4													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 5566	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	
FORMATT: Eng-Header-Dr-Prod-C REVISION: E DATE: 2020/01/14																									

12		11		10		9		8		7		6		5		4		3		2		1	
H																		24	H				
																		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					
G														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					
														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		E						
																		24					
																		22					
															39-31-0207	5566-20BGS		39-29-3206	5566-20B	20			
																				18			
F																		16	F				
																					14		
																					12		
																39-31-0107	5566-10BGS	39-29-3106		5566-10B	10		
																39-31-0087	5566-08BGS	39-29-3086		5566-08B	8		
E																39-31-0067	5566-06BGS	39-29-3066	5566-06B	6	E		
																39-31-0047	5566-04BGS	39-29-3046	5566-04B	4			
																39-31-0027	5566-02BGS	39-29-3026	5566-02B	2			
														EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE			
														5566-NBGS2		5566-NBGS		5566-NB					



PENDING OBSOLETE

-NOT RECOMENDED FOR NEW APPLICATIONS
-NO WITH DRAIN HOLE VERSION PRODUCT

[illegible]

[illegible]

TRAY PACKED PART NUMBERS

PARTS WITHOUT DRAIN HOLES

TRAY PACKED PER TA 4	46999-0137	5566-24AMS	TRAY PACKED PER TA 4	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:

EC NO: 681570

DRWN: HPAN18

CHK'D: XQZHANG

APPR: XQZHANG

2021/10/07

2021/10/18

2021/10/18

INITIAL REVISION:

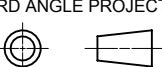
DRWN: H.HIRAMOTO

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

5 OF 5