

The diagram illustrates various circuit configurations and their dimensions. The configurations are arranged in a grid, with the number of circuits (CKTS.) indicated below each layout.

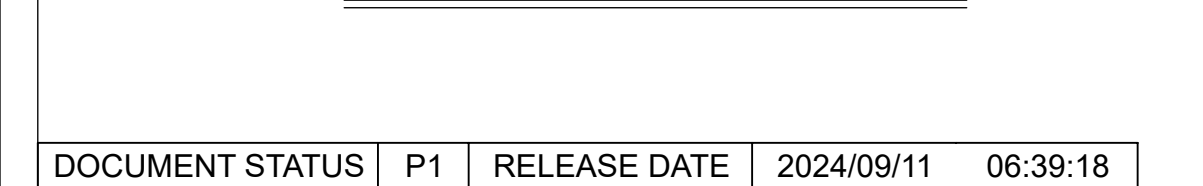
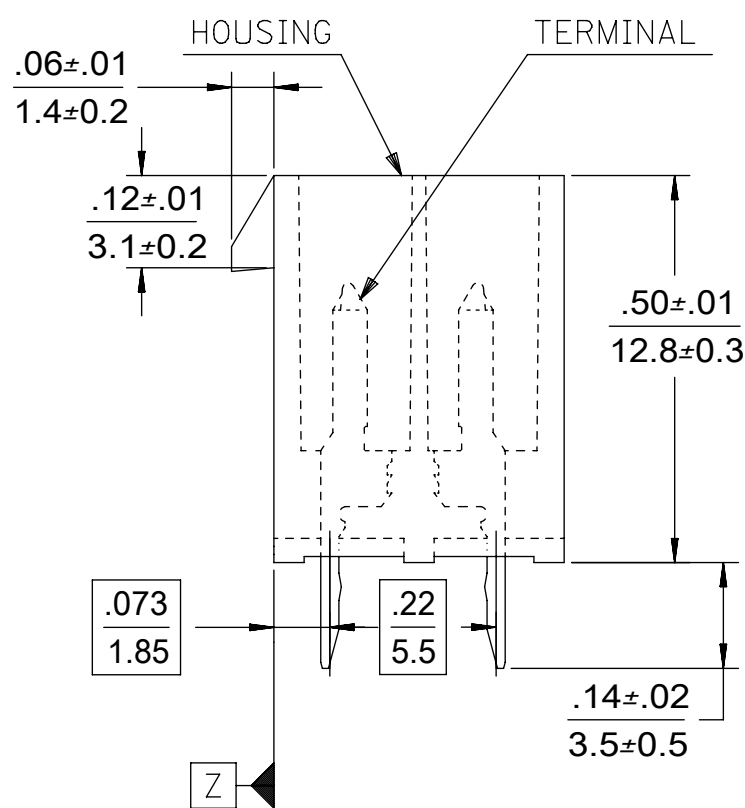
- 6 CKTS.**: A 2x3 grid of circuits.
- 8 CKTS.**: A 2x4 grid of circuits.
- 18 CKTS.**: A 3x6 grid of circuits.
- 20 CKTS.**: A 4x5 grid of circuits.
- 4 CKTS.**: A 2x2 grid of circuits.
- 10 CKTS.**: A 2x5 grid of circuits.
- 16 CKTS.**: A 3x4 grid of circuits.
- 22 CKTS.**: A 4x6 grid of circuits.
- 2 CKTS.**: A 1x2 grid of circuits.
- 12 CKTS.**: A 3x4 grid of circuits.
- 14 CKTS.**: A 2x7 grid of circuits.
- 24 CKTS.**: A 4x6 grid of circuits.

CIRCUIT SIZE LAYOUT

The layout shows a rectangular area with dimensions and tolerances:

- Overall Width (A)**: ± 0.16 / ± 0.40
- Overall Height (B)**: ± 0.16 / ± 0.40
- Top Left Corner**: $.11$ / 2.7
- Top Right Corner**: $.17$ TYP / 4.2
- Bottom Left Corner**: $.02 \pm .01$ / 0.4 ± 0.2
- Bottom Right Corner**: $\phi .04 / 1.0$ Z Y

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

12	11	10	9	8	7	6	5	4	3	2	1
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[illegible]

H												H											
G												G											
F												F											
E												E											
D												D											
C												C											
B												B											
A												A											

COLORED PART NUMBERS												PARTS WITHOUT DRAIN HOLES											
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						24
						22
						20
46999-0085	5566-18AS-RE					18
						16
						14
						12
		46999-0089	5566-08AS-OR	46999-0087	5566-10AS-V	10
						8
						6
						4
						2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NAS-RE		5566-NAS-OR		5566-NAS-V		

TRAY PACKED PER TA 	46999-0575	5566-24AMS-400	TRAY PACKED PER TA 								24	
	46999-0574	5566-22AMS-400									22	
	46999-0573	5566-20AMS-400									20	
	46999-0572	5566-18AMS-400									18	
	46999-0571	5566-16AMS-400									16	
	46999-0570	5566-14AMS-400									14	
	46999-0569	5566-12AMS-400									12	
	46999-0568	5566-10AMS-400		46999-0876	5566-10AMS-RE						10	
	46999-0567	5566-08AMS-400				46999-0091	5566-08AS-GRE				8	
	46999-0566	5566-06AMS-400									6	
	46999-0565	5566-04AMS-400									4	
	46999-0564	5566-02AMS-400				50-36-2485	5566-02AS-GRE	39-34-5023	5566-02A-210-YE			2
	EDP. NO.	ENG. NO.		EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NAMS-400		5566-NAMS-RE		5566-NAS-GRE		5566-NA-210-YE		5566-NA-400				

						24	
						22	
						20	
						18	
						16	
						14	
						12	
						10	
						8	
						6	
						4	
						2	
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE	
5566-NA-GR		5566-NA-YE		5566-NA-RE		5566-NA-BU	5566-NA-BL

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:													
IN/MM		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 784313 DRWN: XQZHANG 2023/03/17 CHK'D: XQZHANG 2024/09/11 APPR: XQZHANG 2024/09/11 INITIAL REVISION: DRWN: H.HIRAMOTO 1989/04/03 APPR: FSMITH 2012/05/04				MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS									
	MM		INCH														
4 PLACES	±		±														
3 PLACES	±		± 0.015														
2 PLACES	±	0.38	± 0.02														
1 PLACE	±	0.5	±	DOCUMENT NUMBER				PRODUCT CUSTOMER DRAWING									
0 PLACES	±		±														
ANGULAR TOL		±	3.0 °	THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																	

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/11	06:39:18
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FORMATT: Engineering Header to print C												12												11												10												9												8												7												6												5												4												3												2												1											
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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:

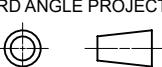
DRWN: H.HIRAMOTO

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