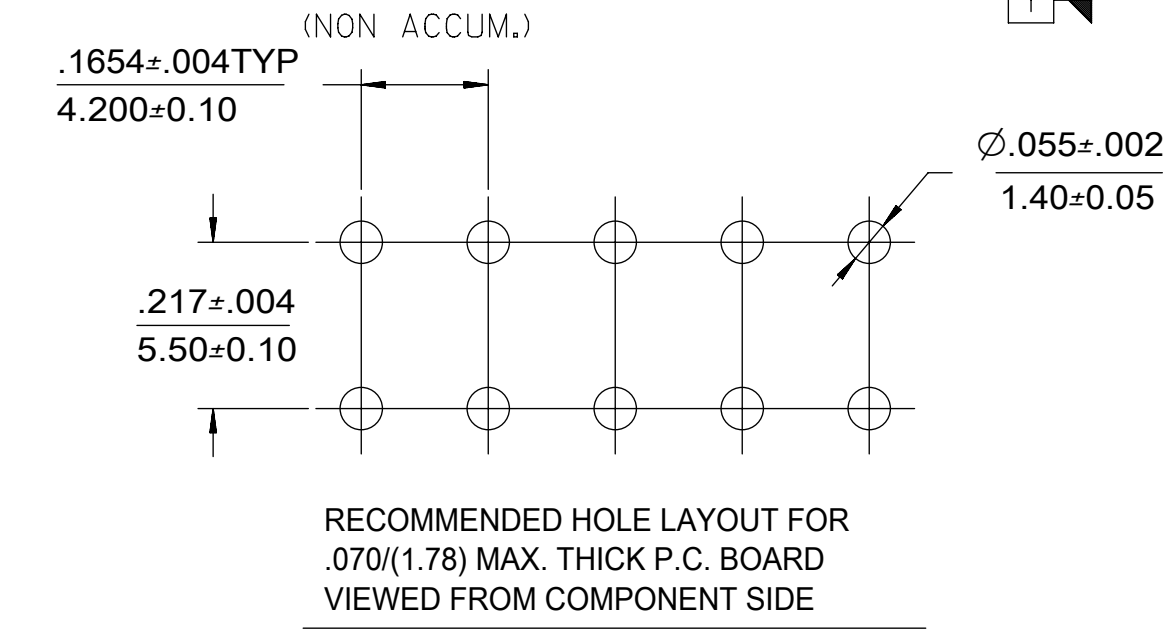
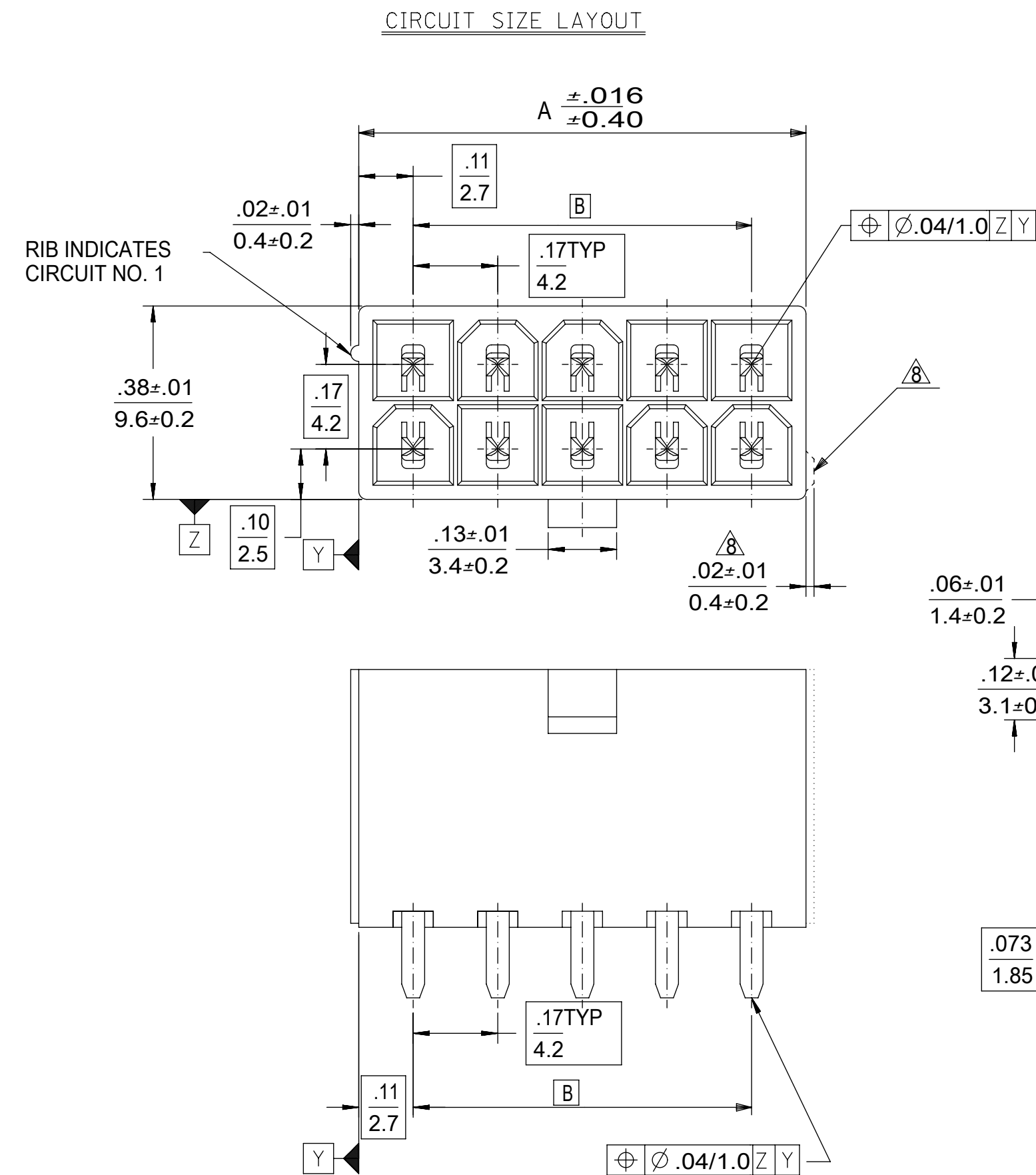
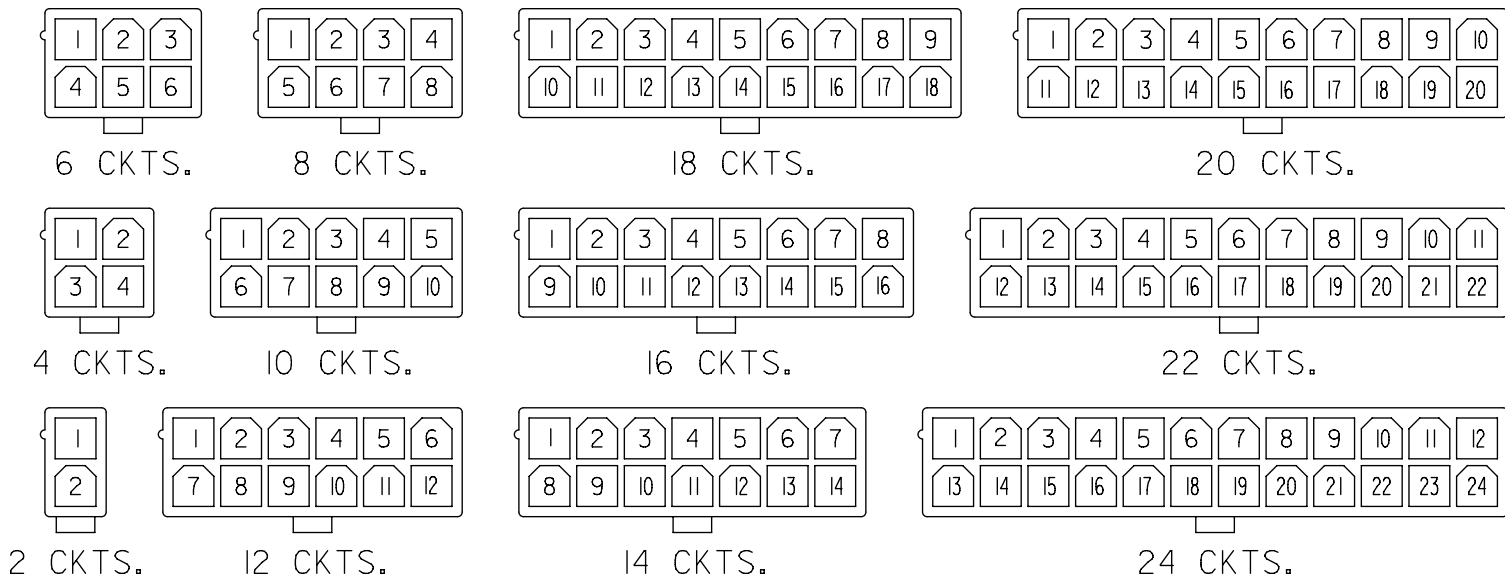


CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	$\frac{.21}{(5.4)}$	—
4	$\frac{.38}{(9.6)}$	$\frac{.17}{(4.2)}$
6	$\frac{.54}{(13.8)}$	$\frac{.33}{(8.4)}$
8	$\frac{.71}{(18.0)}$	$\frac{.50}{(12.6)}$
10	$\frac{.87}{(22.2)}$	$\frac{.66}{(16.8)}$
12	$\frac{1.04}{(26.4)}$	$\frac{.83}{(21.0)}$
14	$\frac{1.20}{(30.6)}$	$\frac{.99}{(25.2)}$
16	$\frac{1.37}{(34.8)}$	$\frac{1.16}{(29.4)}$
18	$\frac{1.54}{(39.0)}$	$\frac{1.32}{(33.6)}$
20	$\frac{1.70}{(43.2)}$	$\frac{1.49}{(37.8)}$
22	$\frac{1.87}{(47.4)}$	$\frac{1.65}{(42.0)}$
24	$\frac{2.03}{(51.6)}$	$\frac{1.82}{(46.2)}$



- NOTES:
- MATERIALS:
HOUSING:
"BLANK"=NYLON 6/6, UL94V-2, COLOR: NATURAL
"210" =NYLON 6/6, UL94V-0, COLOR: NATURAL
"400"=NYLON 6/6, UL94V-0, COLOR: BLACK
TERMINALS:
"BLANK" = BRASS
"PB" = PHOSPHER BRONZE
 - TERMINAL PLATING:
"BLANK" = REFLOWED MATTE TIN .000035/(0.00090) MIN.
OVER COPPER .000020/(0.00050) MIN. (BRASS) (PREPLATE)
OR REFLOWED MATTE TIN .000035/(0.00090) MIN. (PHOSHOR BRONZE) (PREPLATE)
(FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)
"S"=.000100/(0.00254) MIN. BRIGHT TIN OVER
.000050/(0.00127) MIN NICKEL
"MS"=.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN NICKEL
"GS2"=.000015/(0.00038) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
"GS"=.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-5556-001
 - PACKAGING: "BLANK"= BULK PACKED.
"TA"=TRAY PACK PER PK-5566-001, "TR"=TRAY PACK PER PK-5566
 - PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.
 - PART IS NOT DESIGNED FOR CURRENT SHARING.
 - PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED
WHILE CIRCUITS ARE LIVE.
 - ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.
 - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

LEGEND

BASE NUMBER 5566 - N * * * - * - *

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

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558			molex			
IN/MM		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
		MM	INCH							
4 PLACES	±		±	EC NO: 818232 DRWN: VISHAH2 2025/02/25 CHK'D: GGA 2025/04/22 APPR: GGA 2025/04/22			MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS			
3 PLACES	±		± 0.015							
2 PLACES	±	0.38	± 0.02							
1 PLACE	±	0.5	±							
0 PLACES	±		±	INITIAL REVISION: DRWN: H.HIRAMOTO 1989/04/03 APPR: FSMITH 2012/05/04			PRODUCT CUSTOMER DRAWING			
ANGULAR TOL ± 3.0 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
THIRD ANGLE PROJECTION				DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				C-SIZE	5566	SD-5566-002		PSD	000	M8
						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						SEE TABLE		GENERAL MARKET		1 OF 5

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					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

12

11

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DOCUMENT STATUS

P1

RELEASE DATE

2025/04/22

05:23:44

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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: REMOVED OBSOLETE PART
NUMBERS AS PER PCN#516558

EC NO: 818232

DRWN: VISHAH2

CHK'D: GGA

APPR: GGA

2025/02/25

2025/04/22

2025/04/22

INITIAL REVISION:

DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

THIRD ANGLE PROJECTION

C-SIZE

DRAWING

SERIES

5566

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M8

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

2 OF 5

FORMAT: English-Master-Drawing-C

REVISION: E1

DATE: 2025/04/21

12

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7	6	5	4	3	2	1
						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
		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			
				24		
				22		
		39-31-0207	5566-20BGS	39-29-3206	5566-20B	20
						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	39-31-0047	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		

PARTS WITHOUT DRAIN HOLES

PART NUMBERS IN THIS SHEET ARE NOT RECOMMENDED FOR NEW APPLICATION.
ALL WITH DRAIN HOLE VERSION PRODUCTS ARE CHANGED TO WITHOUT DRAIN HOLE VERSION PRODUCTS.

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558				molex				
IN/MM		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS				
	MM	INCH										
4 PLACES	±		±	EC NO: 818232 DRWN: VISHAH22025/02/25 CHK'D: GGA2025/04/22 APPR: GGA2025/04/22				PRODUCT CUSTOMER DRAWING				
3 PLACES	±	± 0.015										
2 PLACES	±	0.38	± 0.02									
1 PLACE	±	0.5										
0 PLACES	±	±		INITIAL REVISION: DRWN: H.HIRAMOTO1989/04/03 APPR: FSMITH2012/05/04				DOCUMENT NUMBER SD-5566-002		DOC TYPE PSD	DOC PART 000	REVISION M8
ANGULAR TOL		± 3.0 °										
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	2025/04/22	05:23:44
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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

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: REMOVED OBSOLETE PART
NUMBERS AS PER PCN#516558

EC NO: 818232

DRWN: VISHAH2

CHK'D: GGA

APPR: GGA

2025/02/25

2025/04/22

2025/04/22

INITIAL REVISION:

DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

molex

MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

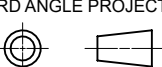
DOC PART

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REVISION

M8

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

5566

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5

DOCUMENT STATUS

P1

RELEASE DATE

2025/04/22 05:23:44

FORMS: Engage-master-to-ymc
REVISION: E1
DATE: 2021/09/01

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