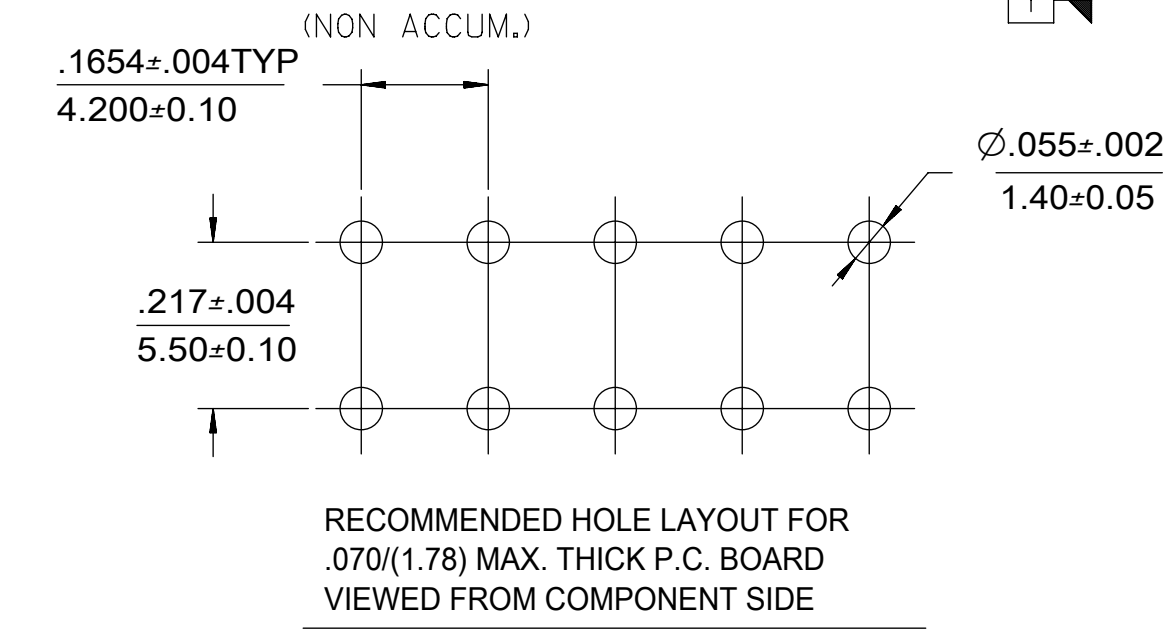
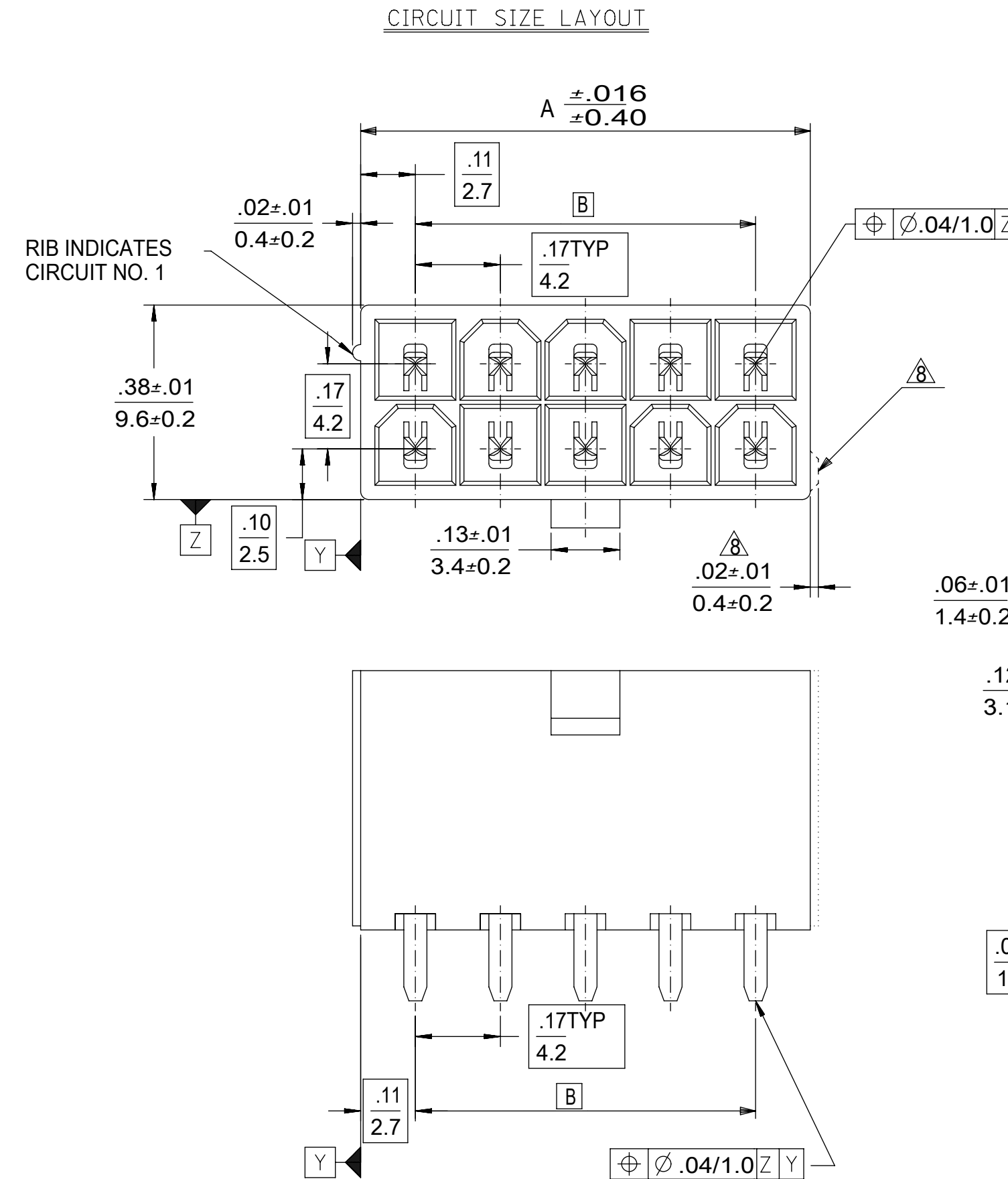
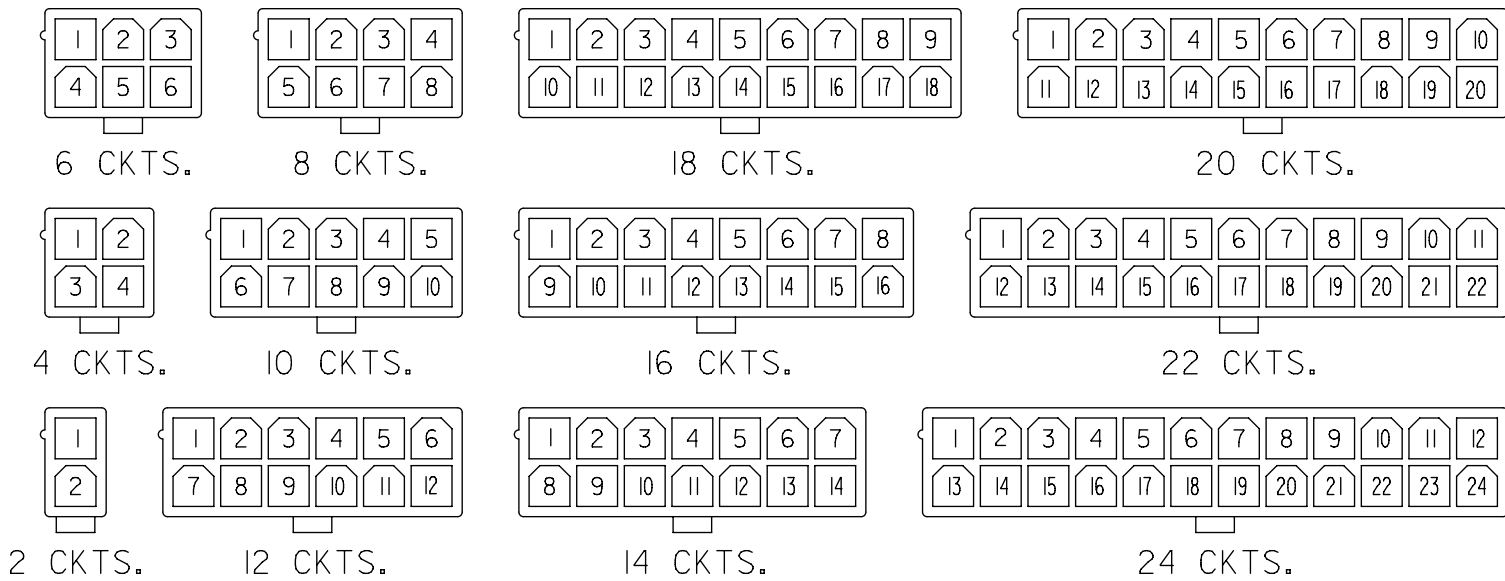


CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	$\frac{.21}{(5.4)}$	—
4	$\frac{.38}{(9.6)}$	$\frac{.17}{(4.2)}$
6	$\frac{.54}{(13.8)}$	$\frac{.33}{(8.4)}$
8	$\frac{.71}{(18.0)}$	$\frac{.50}{(12.6)}$
10	$\frac{.87}{(22.2)}$	$\frac{.66}{(16.8)}$
12	$\frac{1.04}{(26.4)}$	$\frac{.83}{(21.0)}$
14	$\frac{1.20}{(30.6)}$	$\frac{.99}{(25.2)}$
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 MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS		
IN/MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
							MM		INCH
				4 PLACES ± ±					
3 PLACES ± ± 0.015		EC NO: 818232 DRWN: VISHAH2 2025/02/25 CHK'D: GGA 2025/04/22 APPR: GGA 2025/04/22			PRODUCT CUSTOMER DRAWING				
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			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 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

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

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

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M8

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

5566

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 5

7	6	5	4	3	2	1		
						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
		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	F	
		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.	CKT. SIZE	E	
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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