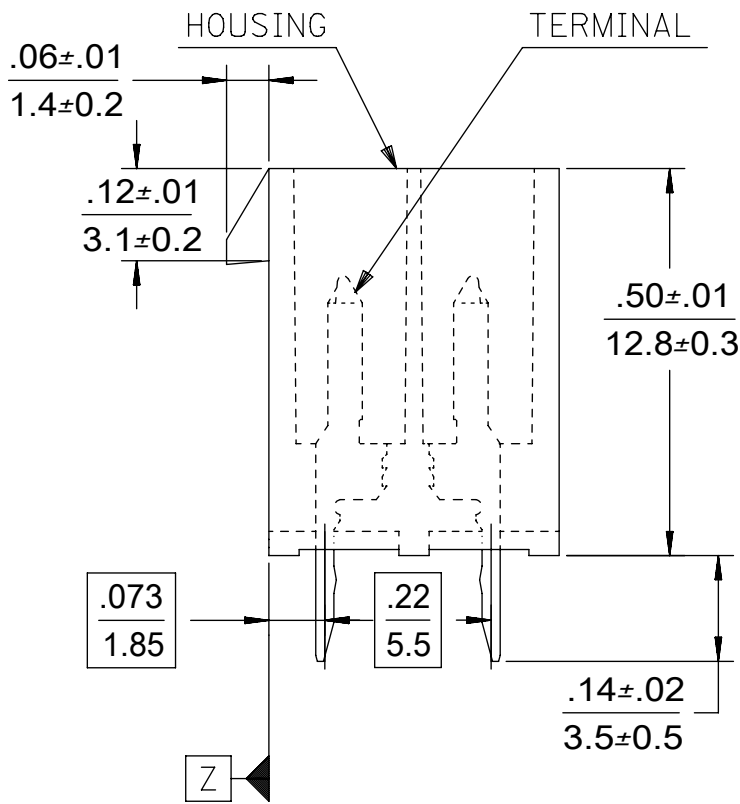
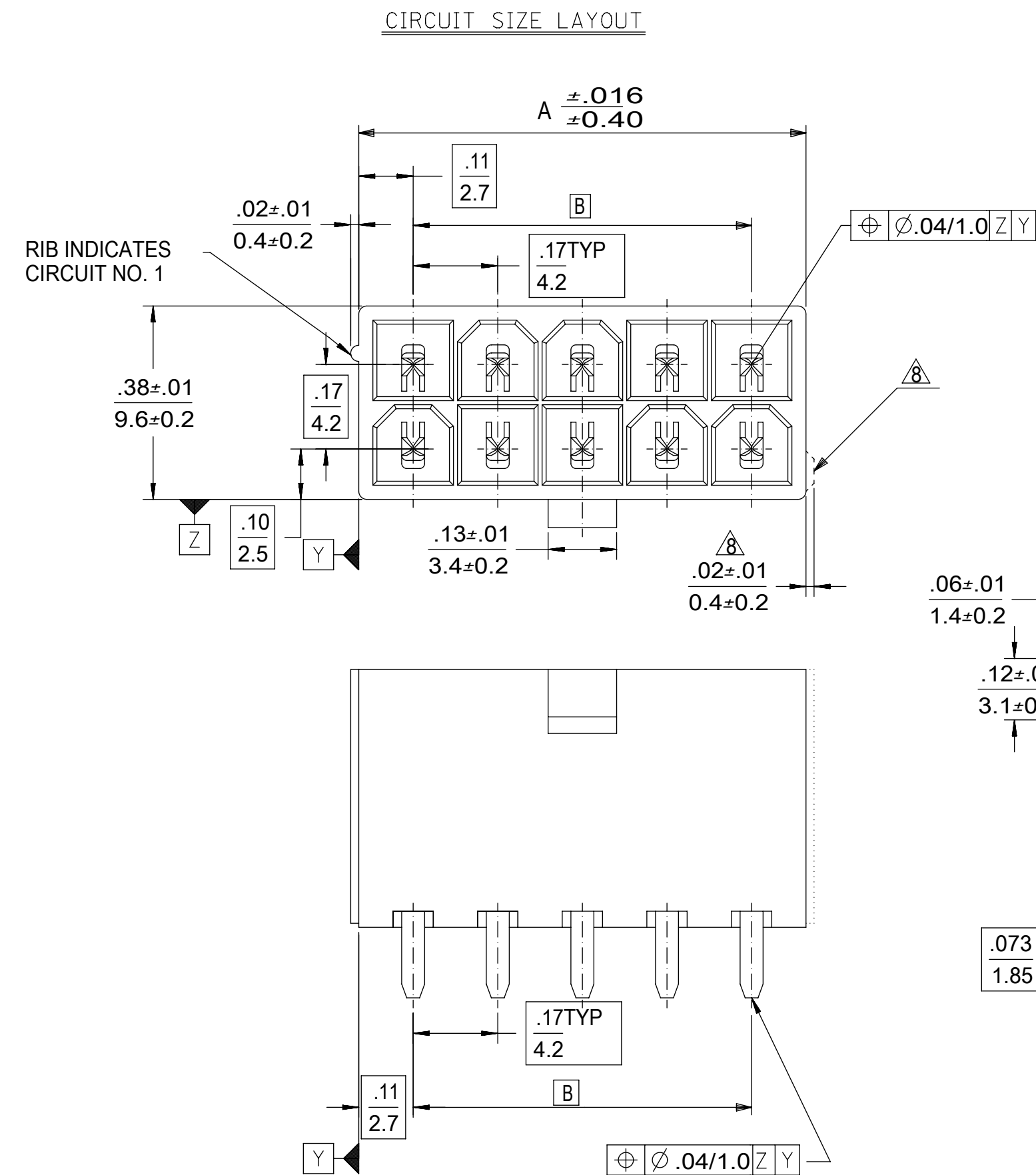
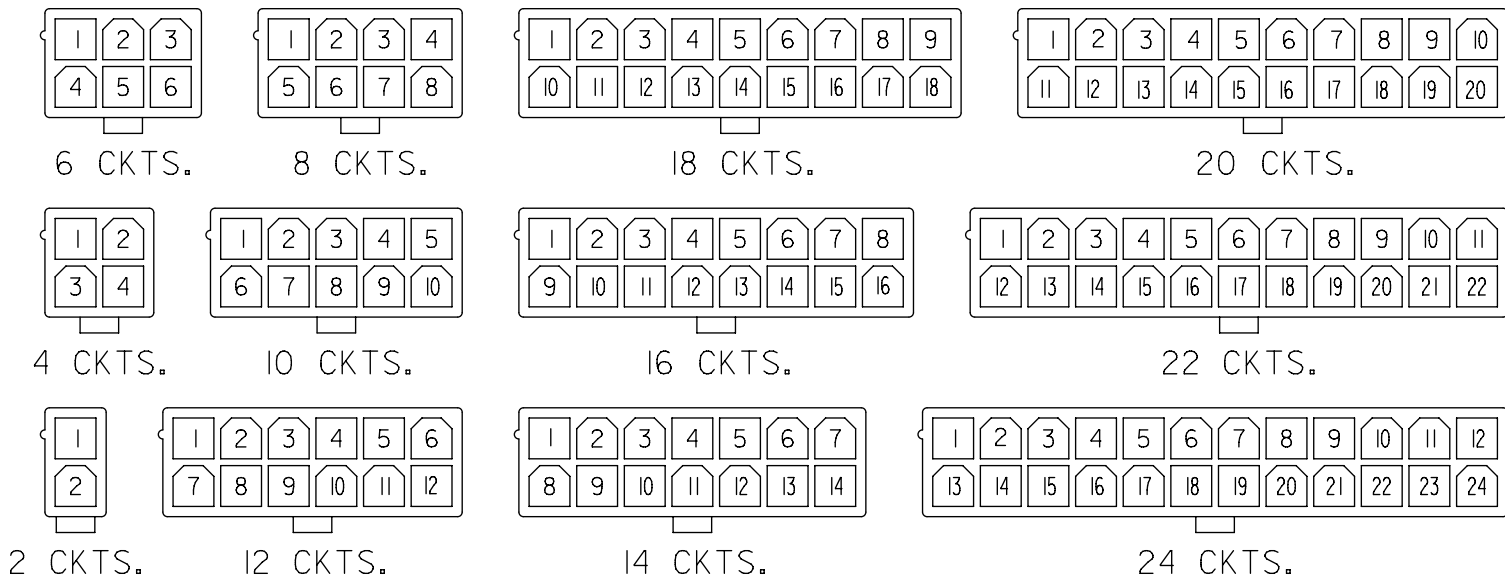


CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	$\frac{.21}{(5.4)}$	—
4	$\frac{.38}{(9.6)}$	$\frac{.17}{(4.2)}$
6	$\frac{.54}{(13.8)}$	$\frac{.33}{(8.4)}$
8	$\frac{.71}{(18.0)}$	$\frac{.50}{(12.6)}$
10	$\frac{.87}{(22.2)}$	$\frac{.66}{(16.8)}$
12	$\frac{1.04}{(26.4)}$	$\frac{.83}{(21.0)}$
14	$\frac{1.20}{(30.6)}$	$\frac{.99}{(25.2)}$
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 ± ±						
3 PLACES ± ± 0.015		EC NO: 818232			2025/02/25					
2 PLACES ± 0.38 ± 0.02		DRWN: VISHAH2								
1 PLACE ± 0.5 ±		CHK'D: GGA								
0 PLACES ± ±		APPR: GGA			2025/04/22					
ANGULAR TOL ± 3.0 °		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
		DRAWING			SD-5566-002			PSD	000	M8
		SERIES			1989/04/03			2012/05/04		
C-SIZE		5566			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE TABLE		GENERAL MARKET		1 OF 5						

H	12		11		10		9	8	7	6	5	4	3	2	1

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

molex

MINI FIT JR VERTICAL
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

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		±	
3 PLACES		±		± 0.015		EC NO: 818232			2025/02/25					
2 PLACES		± 0.38		± 0.02		CHK'D: GGA			2025/04/22					
1 PLACE		± 0.5		±		APPR: GGA			2025/04/22					
0 PLACES		±		±		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING					
ANGULAR TOL		± 3.0 °		DRWN: H.HIRAMOTO			1989/04/03							
				APPR: FSMITH			2012/05/04		DOCUMENT NUMBER					
							SD-5566-002		DOC TYPE					
									DOC PART					
									REVISION					
									M8					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER				
						C-SIZE		5566		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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