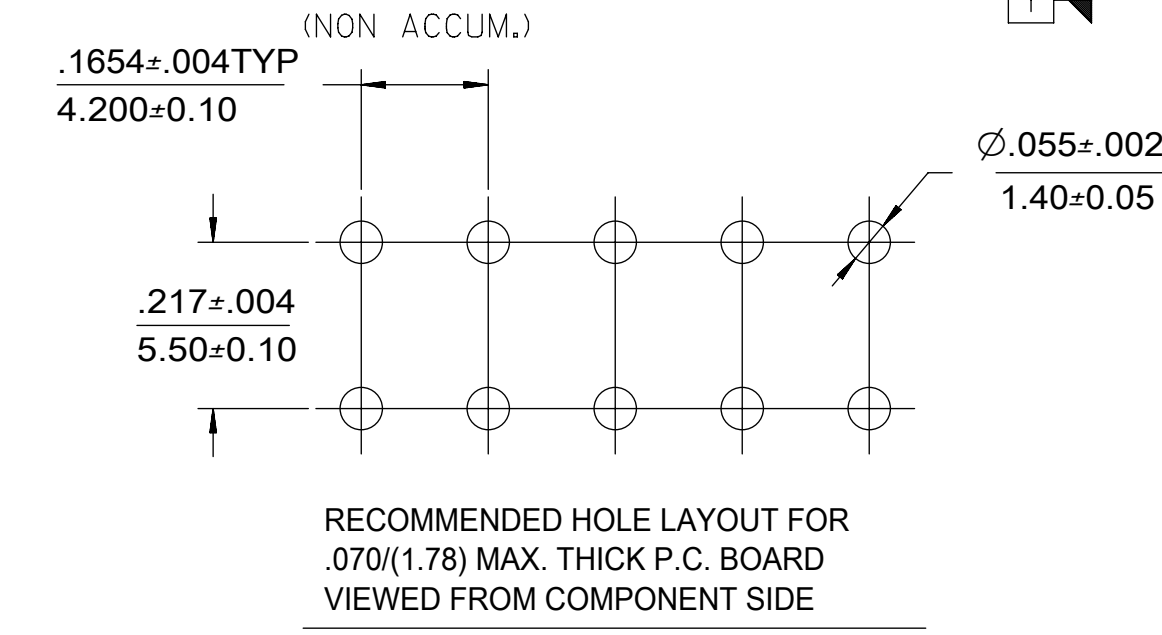
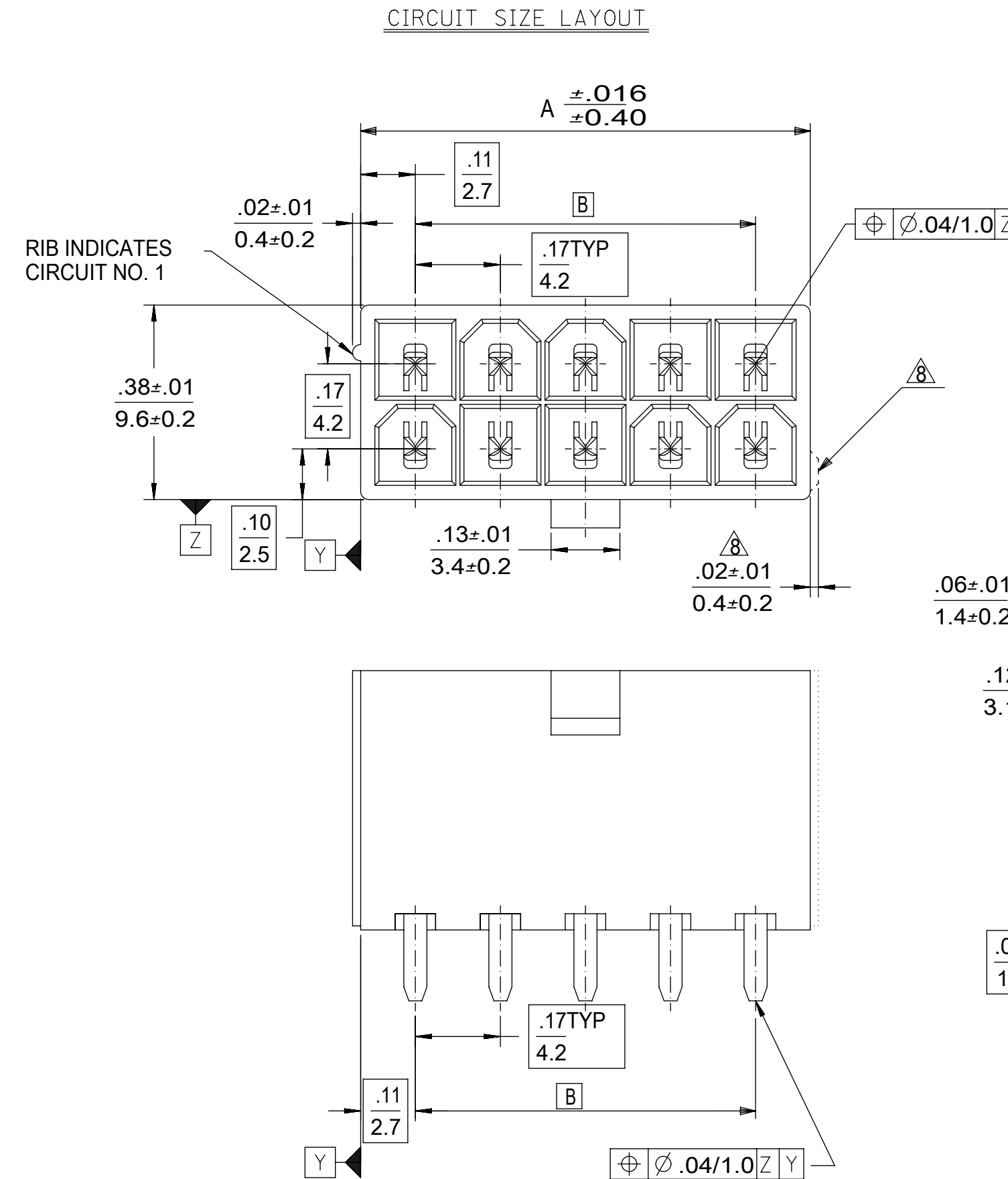
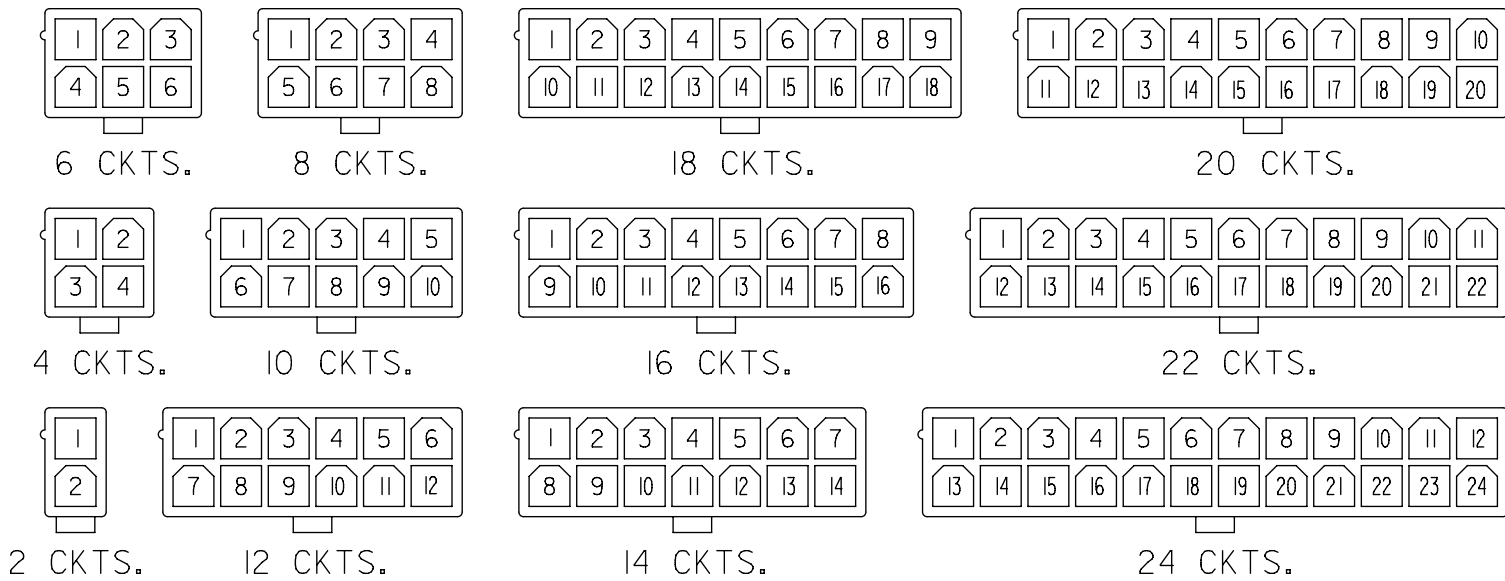


CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	$\frac{.21}{(5.4)}$	—
4	$\frac{.38}{(9.6)}$	$\frac{.17}{(4.2)}$
6	$\frac{.54}{(13.8)}$	$\frac{.33}{(8.4)}$
8	$\frac{.71}{(18.0)}$	$\frac{.50}{(12.6)}$
10	$\frac{.87}{(22.2)}$	$\frac{.66}{(16.8)}$
12	$\frac{1.04}{(26.4)}$	$\frac{.83}{(21.0)}$
14	$\frac{1.20}{(30.6)}$	$\frac{.99}{(25.2)}$
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				EC NO: 818232 DRWN: VISHAH22025/02/25 CHK'D: GGA2025/04/22 APPR: GGA2025/04/22							
4 PLACES	±		±											
3 PLACES	±		± 0.015											
2 PLACES	±	0.38	± 0.02											
1 PLACE	±	0.5	±											
0 PLACES	±		±	INITIAL REVISION: DRWN: F.HIRAMOTO1989/04/03 APPR: H.SMITH2012/05/04			PRODUCT CUSTOMER DRAWING							
ANGULAR TOL ± 3.0 °														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 5566		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
										SD-5566-002		PSD	000	M8
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
										SEE TABLE		GENERAL MARKET		1 OF 5

H				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
G				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			
F				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
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			
D	PARTS WITHOUT DRAIN HOLES											
C												
B												
A												

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	EC NO: 818232 DRWN: VISHAH22025/02/25 CHK'D: GGA2025/04/22 APPR: GGA2025/04/22				PRODUCT CUSTOMER DRAWING				
4 PLACES	±	±									
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

±

±

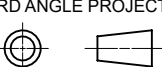
ANGULAR TOL

±

3.0 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

5566

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

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5

DOCUMENT STATUS

P1

RELEASE DATE

2025/04/22 05:23:44

12

11

10

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7

6

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4

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2

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A

FORMS: Engage-master-to-ymc
REVISION: E1
DATE: 2025/05/01