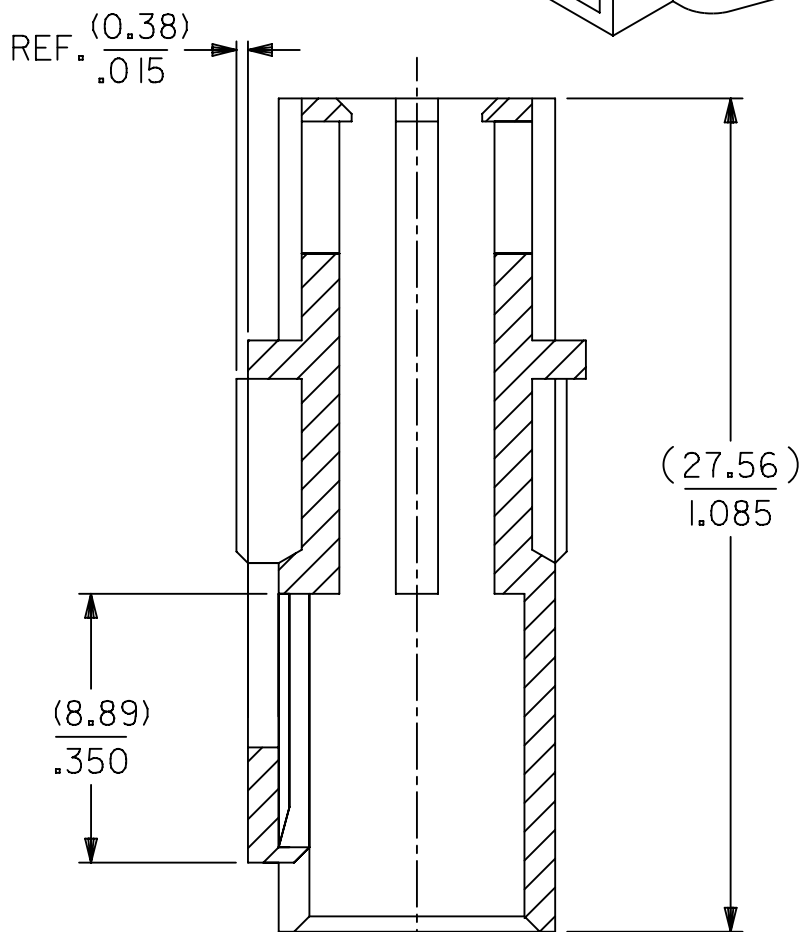
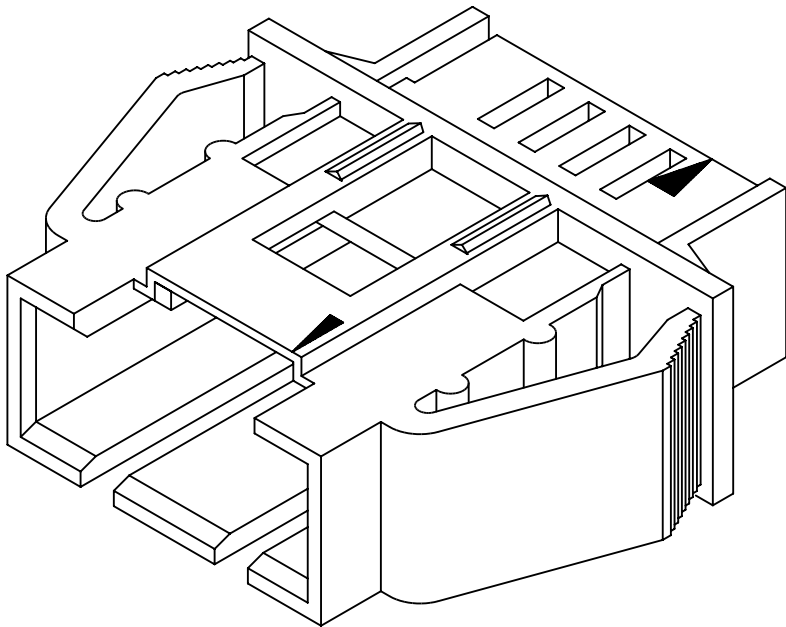
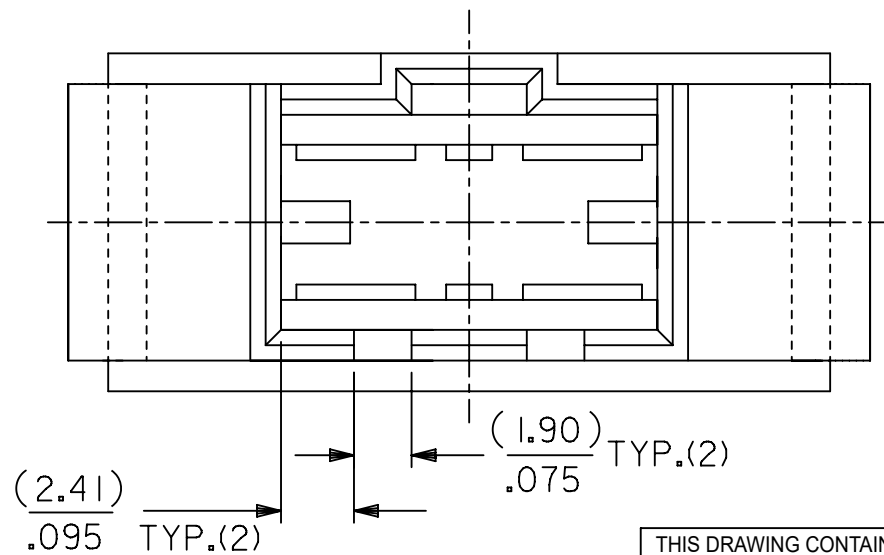


OPTION "A"

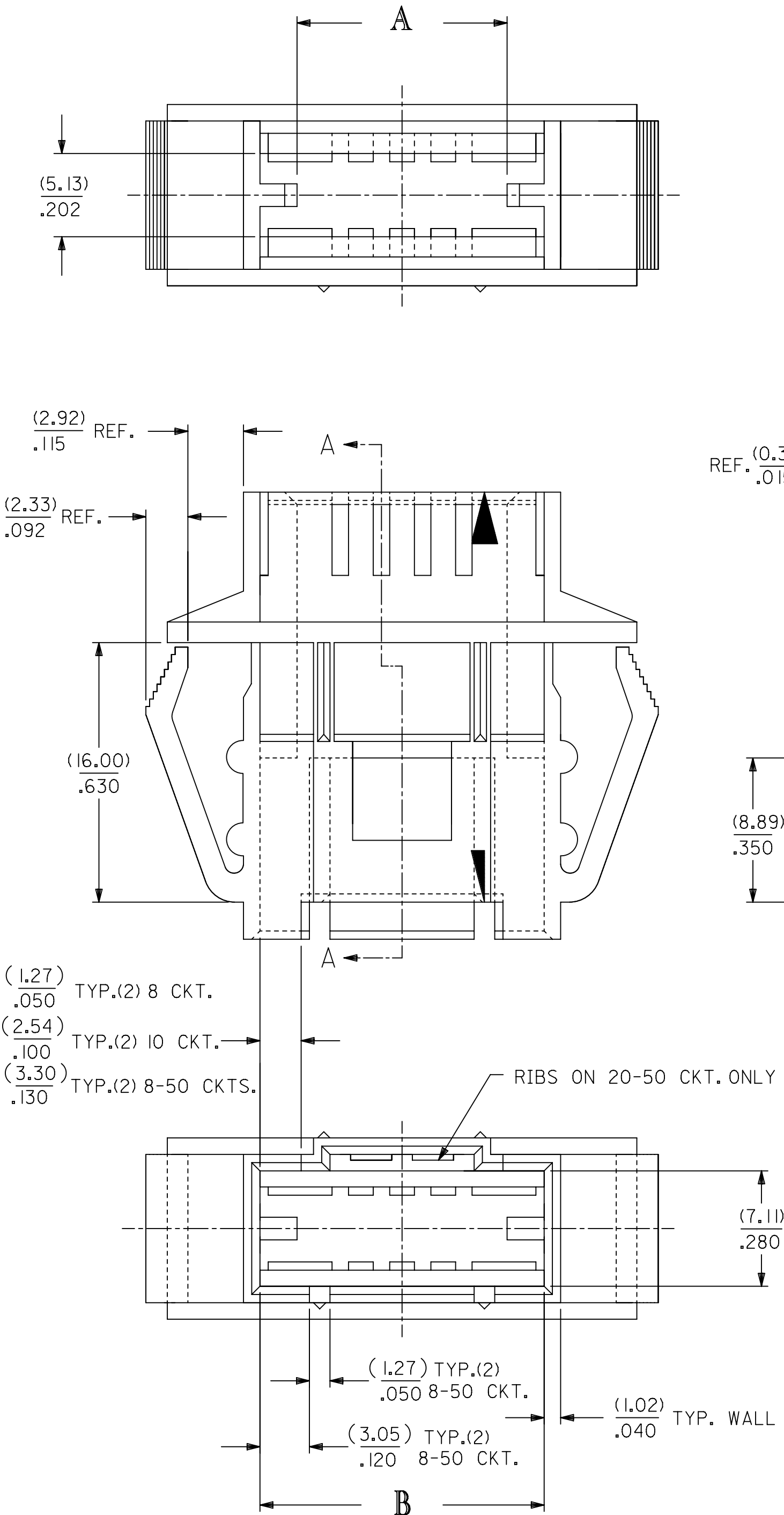
- NOTES:
1) MATERIAL: POLYESTER 94V-0, GLASS FILLED,
COLOR: BLACK
2) SEE CHART FOR CIRCUIT SIZES.
3) HOUSING TO BE USED WITH 70475 SERIES HOUSINGS
(OPTION D) AND DUAL ROW INTERIM CLIP 70013-N*.
SEE PAGE 2 FOR ADDITIONAL 50 CIRCUIT, OPTION
"A" MATING INTERIM CLIPS.
4) PANEL THICKNESS (0.81)/.032 - (2.36)/.093.
5) PACKAGE PER PK-70022-100.



SECTION A-A

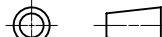


6 CIRCUIT



OPTION "A"

CKT. SIZE	EDP. NO.	ENG. NO.	DIM. "A"	DIM. "B"
4	NOT TOOLED	X-70022-0009	$\frac{(5.21)}{.205}$	$\frac{(9.91)}{.390}$
6	50-65-0006	70022-0001	$\frac{(7.75)}{.305}$	$\frac{(12.45)}{.490}$
8	50-65-0008	70022-0007	$\frac{(10.29)}{.405}$	$\frac{(14.99)}{.590}$
10	50-65-0010	70022-0002	$\frac{(12.83)}{.505}$	$\frac{(17.53)}{.690}$
12	50-65-0012	70022-0012	$\frac{(15.37)}{.605}$	$\frac{(20.07)}{.790}$
14	50-65-0014	70022-0014	$\frac{(17.91)}{.705}$	$\frac{(22.61)}{.890}$
16	50-65-0016	70022-0016	$\frac{(20.45)}{.805}$	$\frac{(25.15)}{.990}$
18	50-65-0018	70022-0018	$\frac{(22.99)}{.905}$	$\frac{(27.69)}{1.090}$
20	50-65-0020	70022-0003	$\frac{(25.53)}{1.005}$	$\frac{(30.23)}{1.190}$
24	50-65-0024	70022-0024	$\frac{(30.61)}{1.205}$	$\frac{(35.31)}{1.390}$
26	50-65-0026	70022-0026	$\frac{(33.15)}{1.305}$	$\frac{(37.85)}{1.490}$
28	50-65-0028	70022-0028	$\frac{(35.69)}{1.405}$	$\frac{(40.39)}{1.590}$
30	50-65-0030	70022-0004	$\frac{(38.23)}{1.505}$	$\frac{(42.93)}{1.690}$
32	50-65-0032	70022-0032	$\frac{(40.77)}{1.605}$	$\frac{(45.47)}{1.790}$
34	50-65-0034	70022-0034	$\frac{(43.31)}{1.705}$	$\frac{(48.01)}{1.890}$
36	50-65-0036	70022-0036	$\frac{(45.85)}{1.805}$	$\frac{(50.55)}{1.990}$
38	50-65-0038	70022-0038	$\frac{(48.39)}{1.905}$	$\frac{(53.09)}{2.090}$
40	50-65-0040	70022-0005	$\frac{(50.93)}{2.005}$	$\frac{(55.63)}{2.190}$
42	50-65-0042	70022-0042	$\frac{(53.47)}{2.105}$	$\frac{(58.17)}{2.290}$
44	50-65-0051	70022-0044	$\frac{(56.01)}{2.205}$	$\frac{(60.71)}{2.390}$
46	50-65-0046	70022-0046	$\frac{(58.55)}{2.305}$	$\frac{(63.25)}{2.490}$
48	50-65-0048	70022-0048	$\frac{(61.09)}{2.405}$	$\frac{(65.79)}{2.590}$
50	50-65-0050	70022-0006	$\frac{(63.63)}{2.505}$	$\frac{(68.33)}{2.690}$

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#516685			molex								
MM/IN		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				HOUSING, PANEL MOUNT (DUAL ROW) (OPT. D HSG. TO DUAL ROW CLIP)											
4 PLACES		MM		INCH		PRODUCT CUSTOMER DRAWING									
3 PLACES		±		± 0.01											
2 PLACES		± 0.25		± 0.014											
1 PLACE		± 0.35		±											
0 PLACES		±		±		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
ANGULAR TOL				± 0.5 °		DRWN: DJK		SD-70022-XXXX		PSD		001		R	
APPR: MJM				---		---									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		70022		SEE CHART		GENERAL MARKET		1 OF 3	

molex

HOUSING, PANEL MOUNT (DUAL ROW)
(OPT. D HSG. TO DUAL ROW CLIP)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-70022-XXXX		PSD	001	R

MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE CHART		GENERAL MARKET		1 OF 3	

12

11

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H

G

F

E

D

C

B

A

OPTION "A"

50 CIRCUIT ONLY

	OPTION "A"		MATES WITH			
CKT. SIZE	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	DIM. "P"	DIM. "Q"
50	050-65-0501	70022-0061	015-04-5500	70013-1051	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$
50	050-65-0502	70022-0062	015-04-5502	70013-1052	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$
50	050-65-0503	70022-0063	015-04-5503	70013-1053	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$
50	050-65-0504	70022-0064	015-04-5505	70013-1054	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$
50	050-65-0505	70022-0065	015-04-5506	70013-1055	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$
50	050-65-0506	70022-0066	015-04-5507	70013-1056	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$
50	050-65-0507	70022-0067	015-04-5508	70013-1057	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$
50	050-65-0508	70022-0068	015-04-5509	70013-1058	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$

MX-70022

DIM "P"

ALTERNATE SLOT LOCATIONS

DIM "Q"

		O	ADD PKG NOTE PER UDT2000-0468 SCHAFFER 99/12/1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
R	REMOVED OBSOLETE PART NUMBERS AS PER PCN#516685	N1	ADDED SHEET 4 50 CKT KEYING OPT ENC. U80986 11/17/97 HPA	DIMENSION UNITS	SCALE					
				MM/IN	4:1					
				GENERAL TOLERANCES (UNLESS SPECIFIED)						
				4 PLACES	±	±				
3 PLACES	±	±	0.01	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516685	EC NO: 830097 DRWN: SANATK1 CHK'D: GGA APPR: GGA	2025/08/02 2025/08/06 2025/08/06	molex			
2 PLACES	±	0.25	0.014							
1 PLACE	±	0.35	±							
0 PLACES	±	±		INITIAL REVISION:						
P	ADD EJECTOR BUMPS UCP2004-1610 RWHITE 04/02/23	N	REVISED PER ECN# U10463 1-11-91 MGB	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
	VOID OPTION B ECN UDT2001-0578 SCHAFFER 00/12/5	M	RELPLACES SD-70022-0001-0048 PER ECR# U00500 06-28-90 MJM/DJK	DRWN: DJK	APPR: MJM	---	SD-70022-XXXX	PSD	001	R
LTR.	REVISIONS	LTR.	REVISIONS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
							SEE CHART	GENERAL MARKET	2 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06	10:03:59							
12	11	10	9	8	7	6	5	4	3	2	1

FORMATTED: Engineering Master Drawing
REVISION: E1
DATE: 2025/08/06

12

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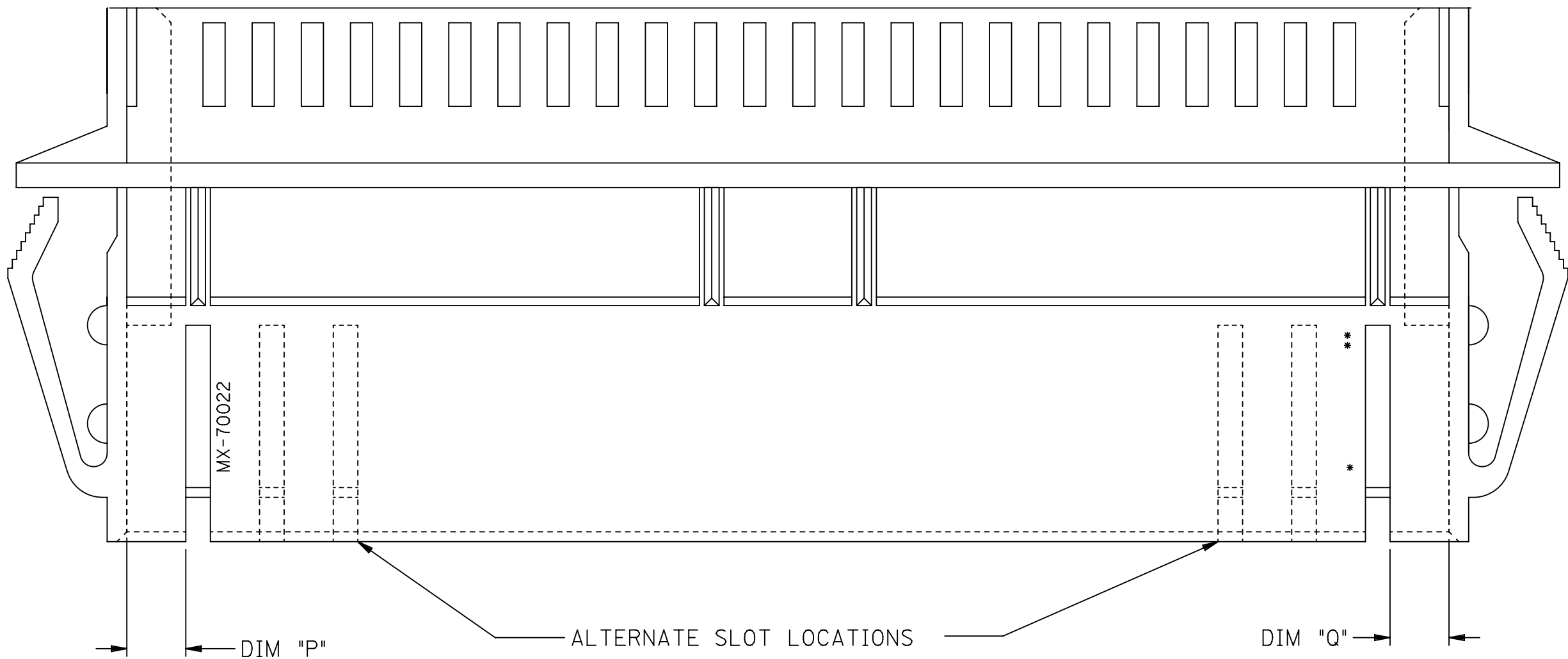
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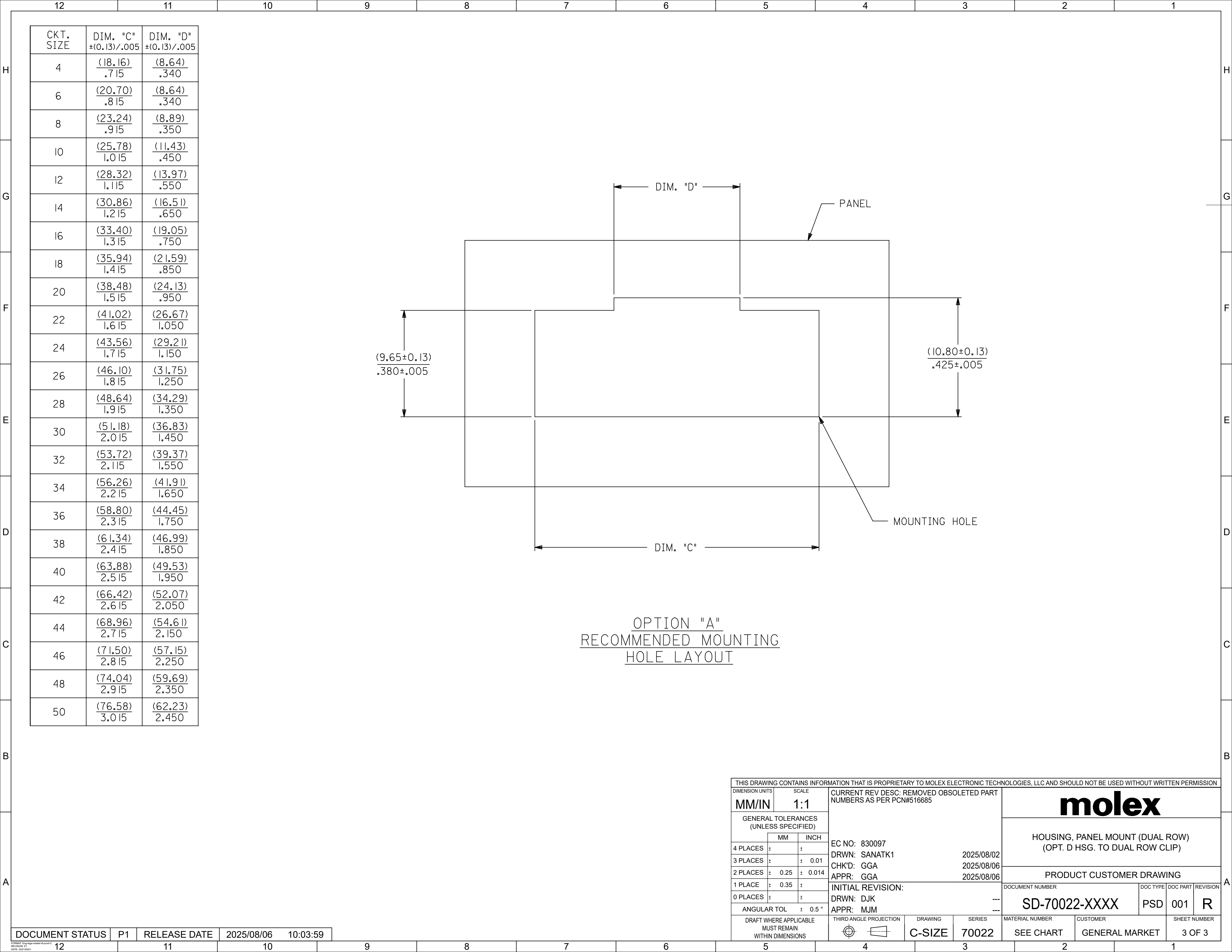
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1

	OPTION "A"		MATES WITH			
CKT. SIZE	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	DIM. "P"	DIM. "Q"
50	050-65-0501	70022-0061	015-04-5500	70013-1051	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$
50	050-65-0502	70022-0062	015-04-5502	70013-1052	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$
50	050-65-0503	70022-0063	015-04-5503	70013-1053	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$
50	050-65-0504	70022-0064	015-04-5505	70013-1054	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$
50	050-65-0505	70022-0065	015-04-5506	70013-1055	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$
50	050-65-0506	70022-0066	015-04-5507	70013-1056	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$	$\frac{(3.05 \pm 0.08)}{.120 \pm .003}$
50	050-65-0507	70022-0067	015-04-5508	70013-1057	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$	$\frac{(6.68 \pm 0.08)}{.270 \pm .003}$
50	050-65-0508	70022-0068	015-04-5509	70013-1058	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$	$\frac{(10.67 \pm 0.08)}{.420 \pm .003}$



		O	ADD PKG NOTE PER UDT2000-0468 SCHAFFER 99/12/1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
				DIMENSION UNITS MM/IN	SCALE 4:1	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516685				molex					
R	REMOVED OBSOLETE PART NUMBERS AS PER PCN#516685	N1	ADDED SHEET 4 50 CKT KEYING OPT ENC. U80986 11/17/97 HPA	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 830097 DRWN: SANATK1 CHK'D: GGA APPR: GGA 2025/08/02 2025/08/06 2025/08/06								HOUSING, PANEL MOUNT (DUAL ROW) (OPT. D HSG. TO DUAL ROW CLIP)	
					MM					INCH					
				4 PLACES	±					±					
				3 PLACES	±					± 0.01					
Q	ADD EJECTOR BUMPS UCP2004-1610 RWHITE 04/02/23	N	REVISED PER ECN# U10463 1-11-91 MGB	2 PLACES	± 0.25	± 0.014					PRODUCT CUSTOMER DRAWING				
				1 PLACE	± 0.35	±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
P	VOID OPTION B ECN UDT2001-0578 SCHAFFER 00/12/5	M	REL PACES SD-70022-0001-0048 PER ECR# U00500 06-28-90 MJM/DJK	0 PLACES	±	±	DRWN: DJK APPR: MJM ---				SD-70022-XXXX		PSD	001	R
				ANGULAR TOL		± 0.5 °									
LTR.	REVISIONS	LTR.	REVISIONS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING C-SIZE	SERIES 70022	MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 3	



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#516685				molex					
MM/IN		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 830097 DRWN: SANATK1 2025/08/02 CHK'D: GGA 2025/08/06 APPR: GGA 2025/08/06				HOUSING, PANEL MOUNT (DUAL ROW) (OPT. D HSG. TO DUAL ROW CLIP)	
		MM	INCH										
4 PLACES	±		±										
3 PLACES	±		± 0.01										
2 PLACES	±	0.25	± 0.014										
1 PLACE	±	0.35	±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES	±							SD-70022-XXXX		PSD	001	R	
ANGULAR TOL		±	0.5 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE	70022	SEE CHART		GENERAL MARKET		3 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06	10:03:59
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