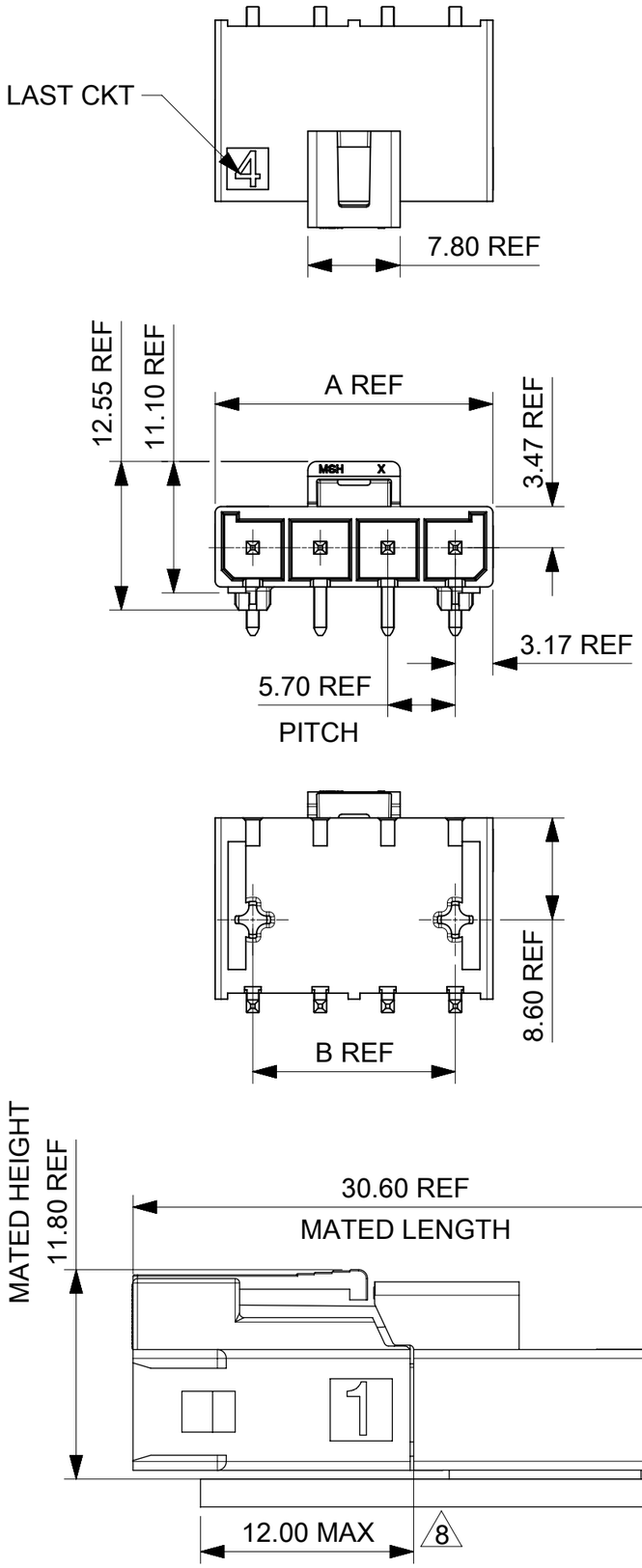
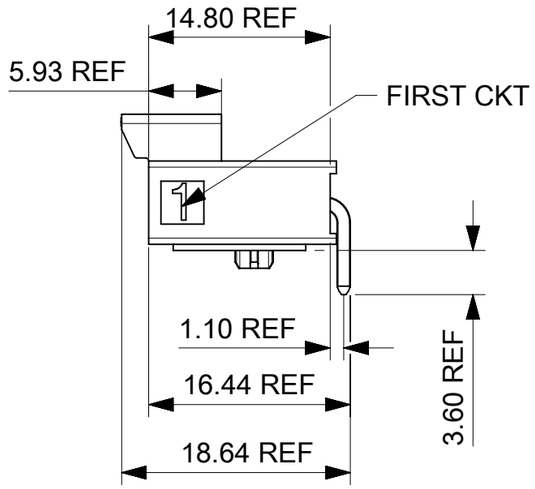
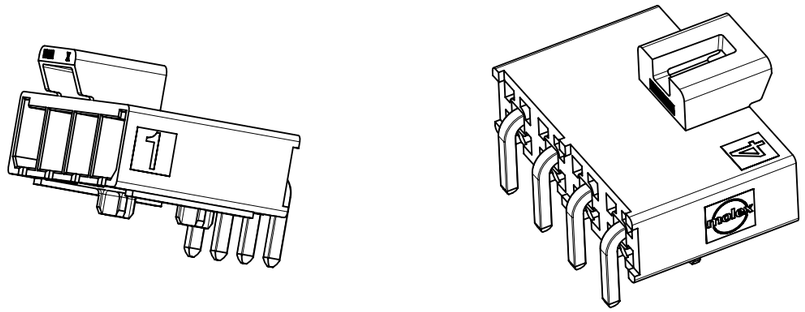






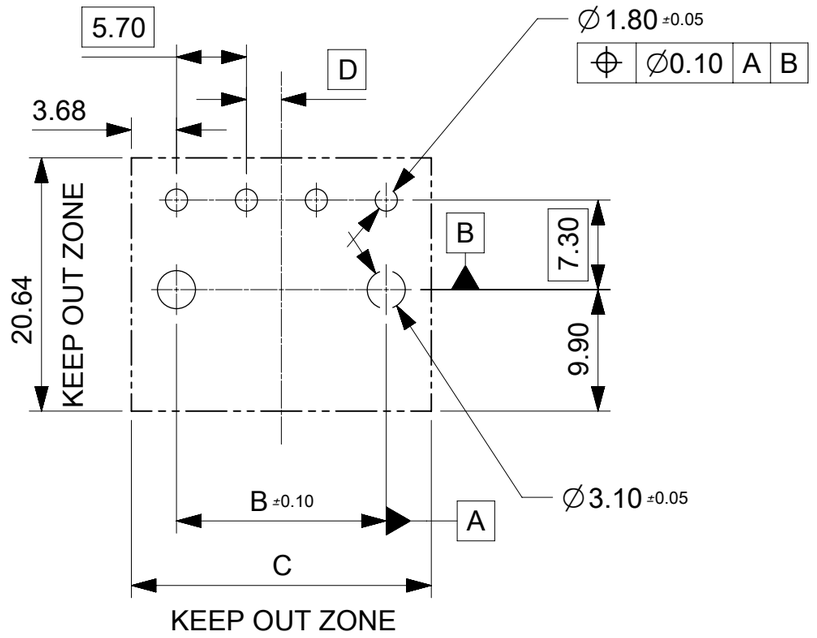
NOTES:
1. MATERIAL:
HOUSING LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, COLOR: SEE CHART.
TERMINAL: HIGH CONDUCTIVITY COPPER.
2. TERMINAL PLATING:
(TIN) 1.52 MICROMETER MIN (60 MICROINCH MIN) REFLOWED MATTE TIN OVER 1.27 MICROMETER MIN (50 MICROINCH MIN) MIN NICKEL OVERALL.
(15 GOLD) 0.38 MICROMETER MIN (15 MICROINCH MIN) SELECTIVE GOLD ON CONTACT AREA WITH 2.54 MICROMETER MIN (100 MICROINCHES MIN) SELECTIVE TIN ON SOLDER AREA BOTH OVER 1.27 MICROMETER MIN (50 MICROINCHES MIN) NICKEL OVERALL.
(30 GOLD) 0.76 MICROMETER MIN (30 MICROINCH MIN) SELECTIVE GOLD ON CONTACT AREA WITH 2.54 MICROMETER MIN (100 MICROINCHES MIN) SELECTIVE TIN ON SOLDER AREA BOTH OVER 1.27 MICROMETER MIN (50 MICROINCHES MIN) NICKEL OVERALL.
3. PRODUCT SPECIFICATION: 1720631000-PS.
4. PACKAGING SPECIFICATION: SEE TABLE.
5. PART MATES WITH MOLEX PART NUMBER 200456 SERIES.
6. APPLICATION SPECIFICATION: 768232000-AS.
7. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN 12.00MM MAX FROM EDGE OF PCB.

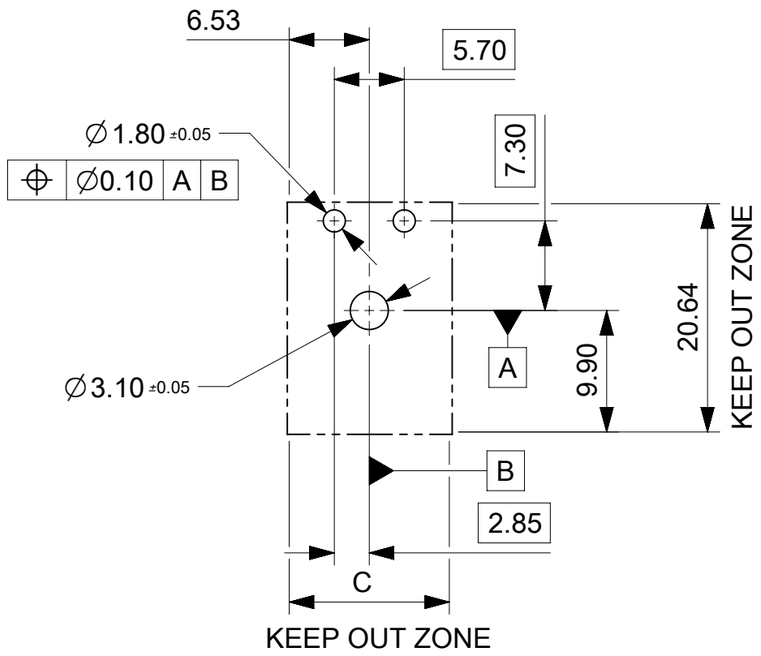
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC:			molex
mm	NTS				MEGA-FIT S/R HEADER ASSEMBLY(R/A)
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL ± 3.0 °		EC NO: 789500			
4 PLACES ±		DRWN: JERRYW8	2023/05/17		PRODUCT CUSTOMER DRAWING
3 PLACES ±		CHK'D: XQZHANG	2024/06/18		
2 PLACES ± 0.4		APPR: XQZHANG	2024/06/18		
1 PLACE ± 0.5		INITIAL REVISION:			DOCUMENT NUMBER: 2002412000 · DOC TYPE: PSD · DOC PART: 000 · REVISION: E
0 PLACES ±		DRWN: YXZHENG	2016/09/22		
		APPR: YXZHENG	2018/08/06		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 200241	MATERIAL NUMBER: SEE TABLE · CUSTOMER: GENERAL MARKET · SHEET NUMBER: 1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18 06:39:52

FORMAT: master_tb_mod-A3
REVISION: J1
DATE: 2021/05/01





PCB LAYOUT:
1.COMPONENT SIDE
2.RECOMMEND PCB THICKNESS:1.58MM/.062IN TO 2.36MM/.093IN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.4
1 PLACE	± 0.5
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 789500
DRWN: JERRYW8 2023/05/17
CHK'D: XQZHANG 2024/06/18
APPR: XQZHANG 2024/06/18

INITIAL REVISION:
DRWN: YXZHENG 2016/09/22
APPR: YXZHENG 2018/08/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 200241

molex

MEGA-FIT S/R HEADER ASSEMBLY(R/A)

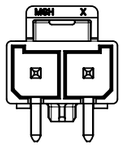
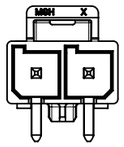
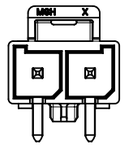
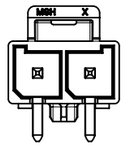
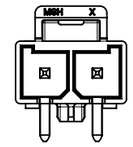
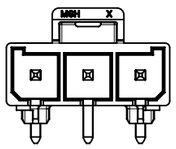
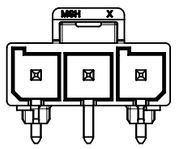
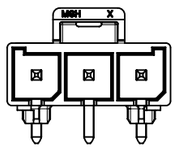
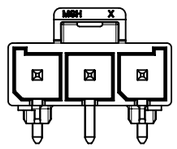
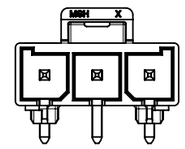
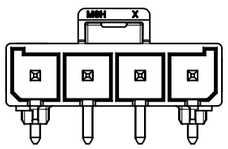
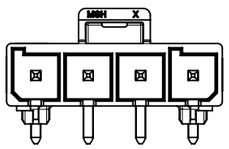
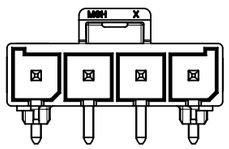
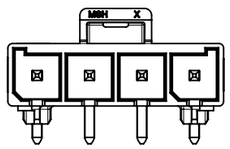
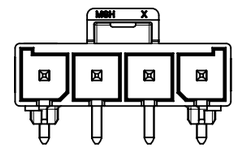
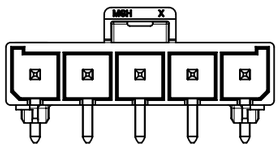
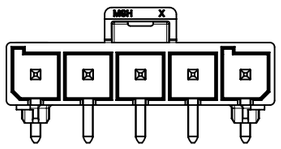
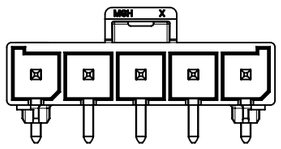
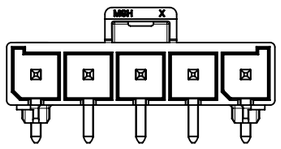
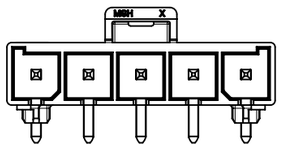
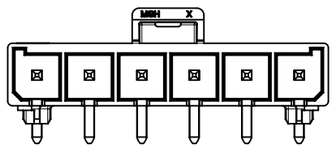
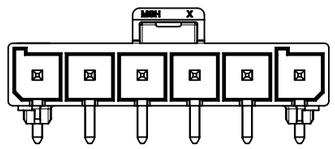
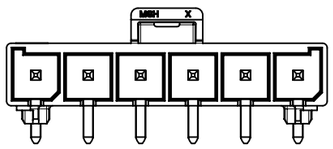
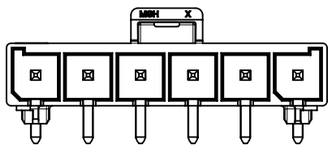
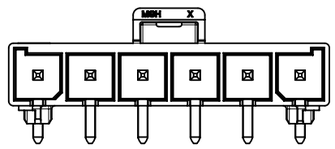
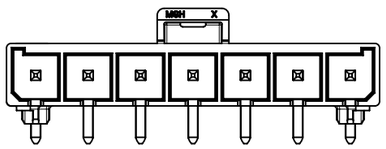
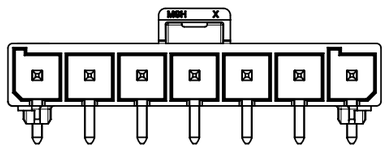
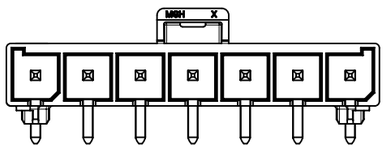
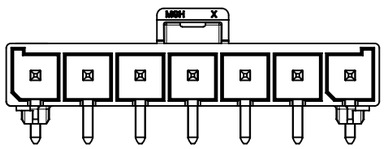
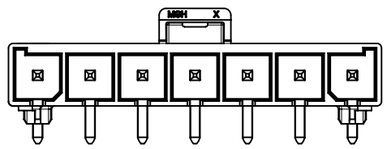
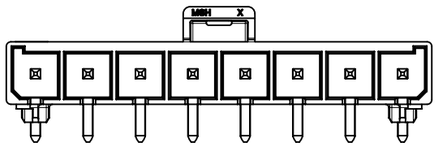
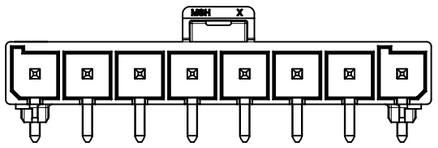
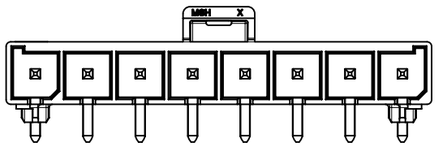
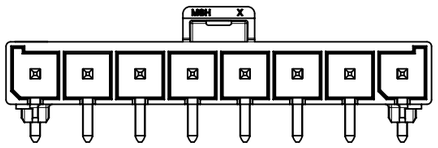
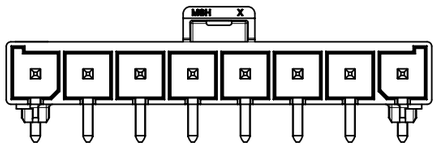
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2002412000	PSD	000	E

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18 06:39:52

FORMAT: master-B-size-A3
REVISION: J1
DATE: 2021/05/05

CKT	POLARIZATION-BLACK	POLARIZATION-NATURAL	POLARIZATION-RED	POLARIZATION-BLUE	POLARIZATION-YELLOW
2CKT					
3CKT					
4CKT					
5CKT					
6CKT					
7CKT					
8CKT					

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.4
1 PLACE	± 0.5
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 789500
DRWN: JERRYW8 2023/05/17
CHK'D: XQZHANG 2024/06/18
APPR: XQZHANG 2024/06/18

INITIAL REVISION:
DRWN: YXZHENG 2016/09/22
APPR: YXZHENG 2018/08/06

molex

MEGA-FIT S/R HEADER ASSEMBLY(R/A)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2002412000	PSD	000	E

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	200241	SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18 06:39:52

FORMAT: master_B_size-A3
REVISION: J1
DATE: 2021/05/05

CKT SIZE	RESIN COLER	PART NO.	PLATING	DIM.A	DIM.B	DIM.C	DIM.D	PK DRAW NEMBER
2	BLACK	2002411212	TIN	12.05	N/A	13.05	2.85	2002412000 (TRAY PK SPEC)
3		2002411213		17.75	11.40	18.75	0.00	
4		2002414214		23.45	17.10	24.45	2.85	
5		2002411215		29.15	22.80	30.15	0.00	
6		2002411216		34.85	28.50	35.85	2.85	
7		2002411217		40.55	34.20	41.55	0.00	
8		2002411218		46.25	39.90	47.25	2.85	
2		2002411222	15" GOLD	12.05	N/A	13.05	2.85	
3		2002411223		17.75	11.40	18.75	0.00	
4		2002411224		23.45	17.10	24.45	2.85	
5		2002411225		29.15	22.80	30.15	0.00	
6		2002411226		34.85	28.50	35.85	2.85	
7		2002411227		40.55	34.20	41.55	0.00	
8		2002411228		46.25	39.90	47.25	2.85	
2		2002411232	30" GOLD	12.05	N/A	13.05	2.85	
3		2002411233		17.75	11.40	18.75	0.00	
4		2002411234		23.45	17.10	24.45	2.85	
5		2002411235		29.15	22.80	30.15	0.00	
6		2002411236		34.85	28.50	35.85	2.85	
7		2002411237		40.55	34.20	41.55	0.00	
8		2002411238		46.25	39.90	47.25	2.85	

CKT SIZE	RESIN COLER	PART NO.	PLATING	DIM.A	DIM.B	DIM.C	DIM.D	PK DRAW NEMBER
2	NATURAL	2002412212	TIN	12.05	N/A	13.05	2.85	2002412000 (TRAY PK SPEC)
3		2002412213		17.75	11.40	18.75	0.00	
4		2002412214		23.45	17.10	24.45	2.85	
5		2002412215		29.15	22.80	30.15	0.00	
6		2002412216		34.85	28.50	35.85	2.85	
7		2002412217		40.55	34.20	41.55	0.00	
8		2002412218		46.25	39.90	47.25	2.85	
2	RED	2002413212		12.05	N/A	13.05	2.85	
3		2002413213		17.75	11.40	18.75	0.00	
4		2002413214		23.45	17.10	24.45	2.85	
5		2002413215		29.15	22.80	30.15	0.00	
6		2002413216		34.85	28.50	35.85	2.85	
7		2002413217		40.55	34.20	41.55	0.00	
8		2002413218		46.25	39.90	47.25	2.85	
2	BLUE	2002415212		12.05	N/A	13.05	2.85	
3		2002415213		17.75	11.40	18.75	0.00	
4		2002415214		23.45	17.10	24.45	2.85	
5		2002415215		29.15	22.80	30.15	0.00	
6		2002415216		34.85	28.50	35.85	2.85	
7		2002415217		40.55	34.20	41.55	0.00	
8		2002415218		46.25	39.90	47.25	2.85	
2	YELLOW	2002416212		12.05	N/A	13.05	2.85	
3		2002416213		17.75	11.40	18.75	0.00	
4		2002416214		23.45	17.10	24.45	2.85	
5		2002416215		29.15	22.80	30.15	0.00	
6		2002416216		34.85	28.50	35.85	2.85	
7		2002416217		40.55	34.20	41.55	0.00	
8		2002416218		46.25	39.90	47.25	2.85	

CKT SIZE	RESIN COLER	PART NO.	PLATING	DIM.A	DIM.B	DIM.C	DIM.D	PK DRAW NEMBER
2	BLACK	2002411912	TIN	12.05	N/A	13.05	2.85	2002411900 (TAPE&REEL PK SPEC)
3		2002411913		17.75	11.40	18.75	0.00	
4		2002411914		23.45	17.10	24.45	2.85	
5		2002411915		29.15	22.80	30.15	0.00	
6		2002411916		34.85	28.50	35.85	2.85	
7		2002411917		40.55	34.20	41.55	0.00	
8		2002411918		46.25	39.90	47.25	2.85	
2		2002411922	15" GOLD	12.05	N/A	13.05	2.85	
3		2002411923		17.75	11.40	18.75	0.00	
4		2002411924		23.45	17.10	24.45	2.85	
5		2002411925		29.15	22.80	30.15	0.00	
6		2002411926		34.85	28.50	35.85	2.85	
7		2002411927		40.55	34.20	41.55	0.00	
8		2002411928		46.25	39.90	47.25	2.85	
2		2002411932	30" GOLD	12.05	N/A	13.05	2.85	
3		2002411933		17.75	11.40	18.75	0.00	
4		2002411934		23.45	17.10	24.45	2.85	
5		2002411935		29.15	22.80	30.15	0.00	
6		2002411936		34.85	28.50	35.85	2.85	
7		2002411937		40.55	34.20	41.55	0.00	
8		2002411938		46.25	39.90	47.25	2.85	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.4
1 PLACE	± 0.5
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 789500
DRWN: JERRYW8 2023/05/17
CHK'D: XQZHANG 2024/06/18
APPR: XQZHANG 2024/06/18

INITIAL REVISION:
DRWN: YXZHENG 2016/09/22
APPR: YXZHENG 2018/08/06

molex

MEGA-FIT S/R HEADER ASSEMBLY(R/A)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2002412000	PSD	000	E

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	200241	SEE TABLE	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18 06:39:52

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REVISION: J1
DATE: 2021/05/06