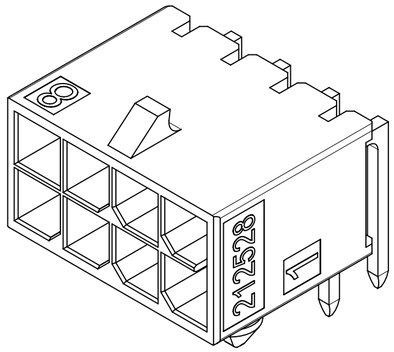
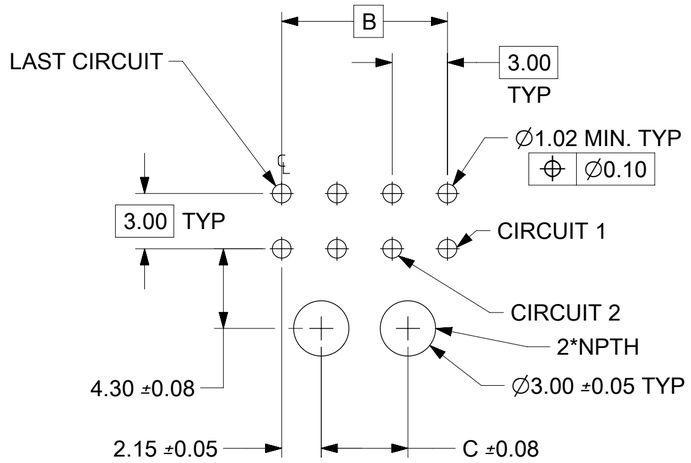
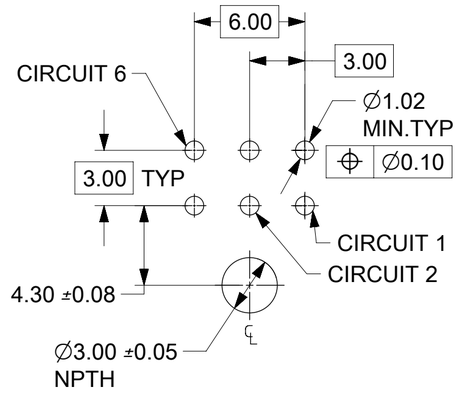
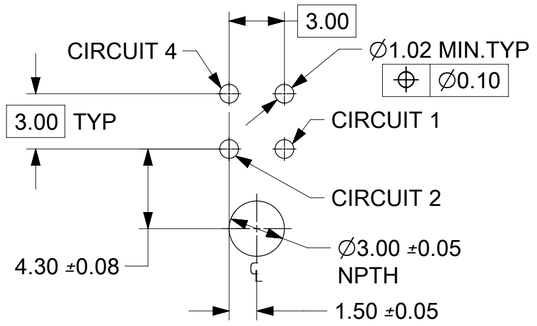






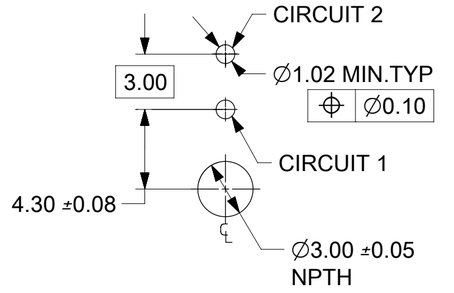


PCB LAYOUT: COMPONENT SIDE
RECOMMEND PCB THICKNESS: 1.57mm

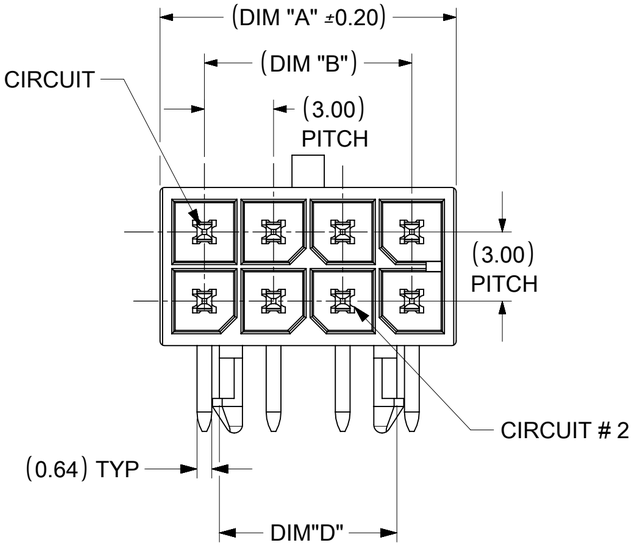


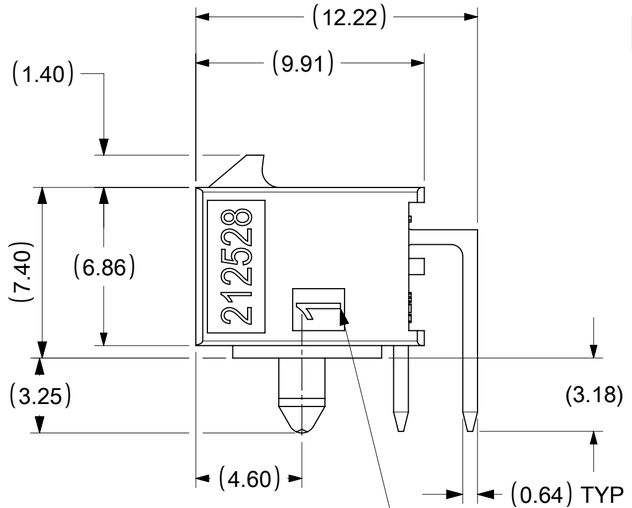
PCB LAYOUT:
4 CKT HEADER

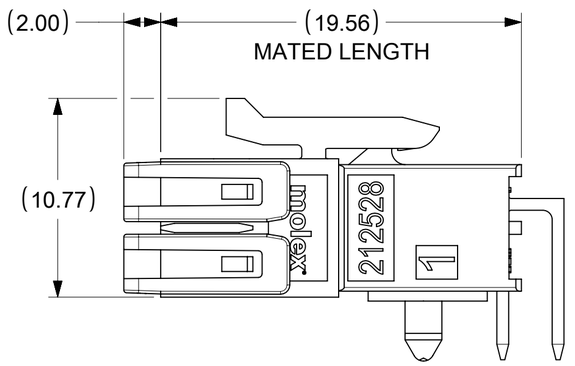
PCB LAYOUT:
6 CKT HEADER



PCB LAYOUT:
2 CKT HEADER







CKT	A	B	C	D
2	3.85	NA	NA	2.95
4	6.85	3.00	NA	2.95
6	9.85	6.00	NA	2.95
8	12.85	9.00	4.70	7.70
10	15.85	12.00	7.70	10.70
12	18.85	15.00	10.70	13.70
14	21.85	18.00	13.70	16.70
16	24.85	21.00	16.70	19.70
18	27.85	24.00	19.70	22.70
20	30.85	27.00	22.70	25.70
22	33.85	30.00	25.70	28.70
24	36.85	33.00	28.70	31.70

NOTES:
1. HOSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER,
 UL 94V-0, COLOR: SEE CHART
 TERMINAL MATERIAL: HIGH COPPER ALLOY
2. FINISH:
   OPTION 1: 1.52µm MIN REFLOW MATTE TIN,
   OVER 1.25µm MIN NICKEL OVERALL.
   OPTION 2: 0.38µm MIN GOLD CONTACT AREA,
   1.52µm MINMATTE TIN TAIL AREA,
   OVER 1.25µm MIN NICKEL OVERALL.
   OPTION 3: 0.76µm MIN GOLD CONTACT AREA,
   1.52µm MIN MATTE TIN TAIL AREA,
   OVER 1.25µm MIN NICKEL OVERALL.
3. PRODUCT SPECIFICATION : 2064600000-PS
4. PRODUCT TEST SUMMARY: 2064600000-TS
5. TRAY PACK : 2125280000-PK
6. MATE WITH RECEPTACLE 206461
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC
 SPECIFICATION PS-45499-002.

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	± °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.25
1 PLACE	± 0.36
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 829776
DRWN: ZIXUAQ 2025/05/14
CHK'D: XQZHANG 2025/08/06
APPR: XQZHANG 2025/08/06

INITIAL REVISION:
DRWN: MUM 2019/03/08
APPR: AYIN 2019/09/27

molex

MICRO-FIT + DUAL ROW R/A HEADER ASSY.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2125280000	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	212528	SEE TABLE	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06 06:22:11

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

TRAY PACKAGING					
CKT	POLARIZATION	COLOR	TIN PLATING HDR ASSY PN	15 MICRO INCH GOLD HDR ASSY PN	30 MICRO INCH GOLD HDR ASSY PN
2	A	BLACK	2125280200	2125280201	2125280202
	B	NATURAL	2125280210	2125280211	2125280212
	C	RED	2125280220	2125280221	2125280222
	D	BLUE	2125280230	2125280231	2125280232
	E	YELLOW	2125280240	2125280241	2125280242
4	A	BLACK	2125280400	2125280401	2125280402
	B	NATURAL	2125280410	2125280411	2125280412
	C	RED	2125280420	2125280421	2125280422
	D	BLUE	2125280430	2125280431	2125280432
	E	YELLOW	2125280440	2125280441	2125280442
6	A	BLACK	2125280600	2125280601	2125280602
	B	NATURAL	2125280610	2125280611	2125280612
	C	RED	2125280620	2125280621	2125280622
	D	BLUE	2125280630	2125280631	2125280632
	E	YELLOW	2125280640	2125280641	2125280642
8	A	BLACK	2125280800	2125280801	2125280802
	B	NATURAL	2125280810	2125280811	2125280812
	C	RED	2125280820	2125280821	2125280822
	D	BLUE	2125280830	2125280831	2125280832
	E	YELLOW	2125280840	2125280841	2125280842
10	A	BLACK	2125281000	2125281001	2125281002
	B	NATURAL	2125281010	2125281011	2125281012
	C	RED	2125281020	2125281021	2125281022
	D	BLUE	2125281030	2125281031	2125281032
	E	YELLOW	2125281040	2125281041	2125281042
12	A	BLACK	2125281200	2125281201	2125281202
	B	NATURAL	2125281210	2125281211	2125281212
	C	RED	2125281220	2125281221	2125281222
	D	BLUE	2125281230	2125281231	2125281232
	E	YELLOW	2125281240	2125281241	2125281242
14	A	BLACK	2125281400	2125281401	2125281402
16	A	BLACK	2125281600	2125281601	2125281602
18	A	BLACK	2125281800	2125281801	2125281802
20	A	BLACK	2125282000	2125282001	2125282002
22	A	BLACK	2125282200	2125282201	2125282202
24	A	BLACK	2125282400	2125282401	2125282402

TAPE & REEL PACKAGING					
CKT	POLARIZATION	COLOR	TIN PLATING HDR ASSY PN	15 MICRO INCH GOLD HDR ASSY PN	30 MICRO INCH GOLD HDR ASSY PN
2	A	BLACK	2125280290*	2125280291*	2125280292*
4	A	BLACK	2125280490	2125280491	2125280492
6	A	BLACK	2125280690*	2125280691*	2125280692*
8	A	BLACK	2125280890*	2125280891*	2125280892*
10	A	BLACK	2125281090*	2125281091*	2125281092*
12	A	BLACK	2125281290*	2125281291*	2125281292*
14	A	BLACK	2125281490*	2125281491*	2125281492*
16	A	BLACK	2125281690	2125281691	2125281692
18	A	BLACK	2125281890*	2125281891*	2125281892*
20	A	BLACK	2125282090*	2125282091*	2125282092*
22	A	BLACK	2125282290*	2125282291*	2125282292*
24	A	BLACK	2125282490*	2125282491*	2125282492*
NOTE: * NOT TOOLED					

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DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.36
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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EC NO: 829776
DRWN: ZIXUAQ 2025/05/14
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INITIAL REVISION:
DRWN: MUM 2019/03/08
APPR: AYIN 2019/09/27

molex

MICRO-FIT + DUAL ROW R/A HEADER ASSY.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2125280000	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	212528	SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06 06:22:11

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

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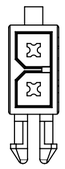
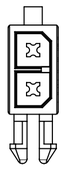
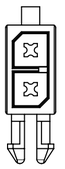
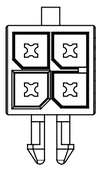
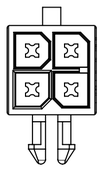
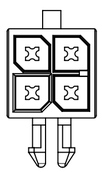
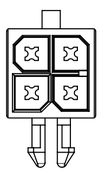
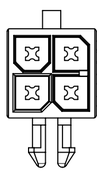
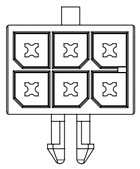
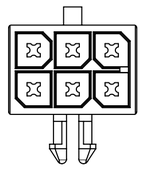
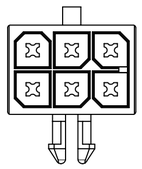
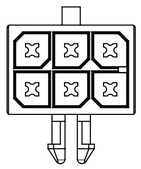
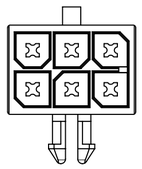
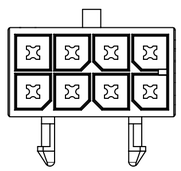
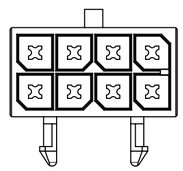
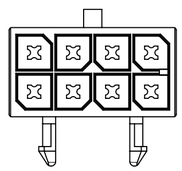
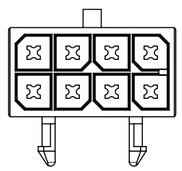
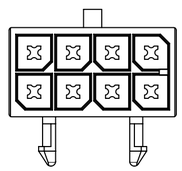
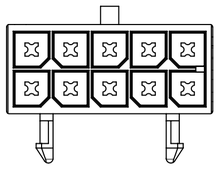
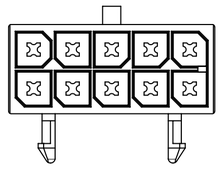
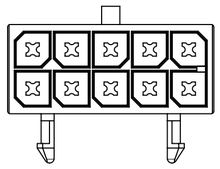
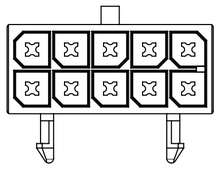
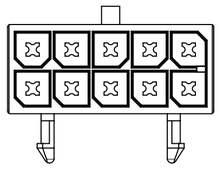
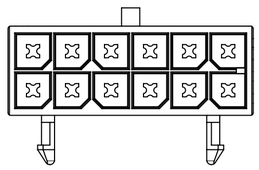
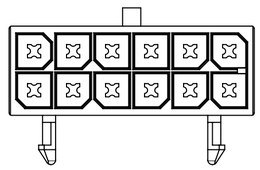
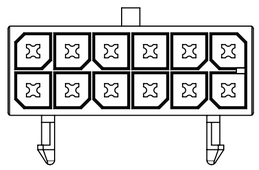
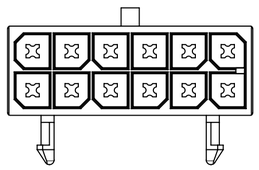
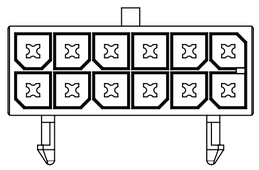
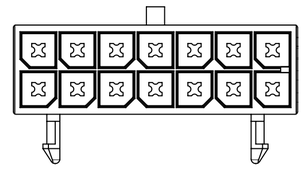
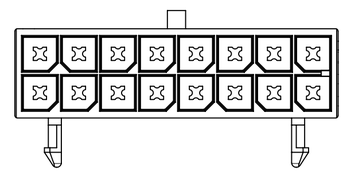
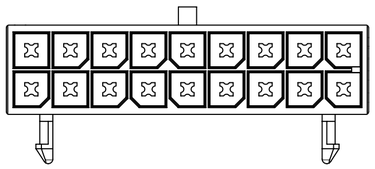
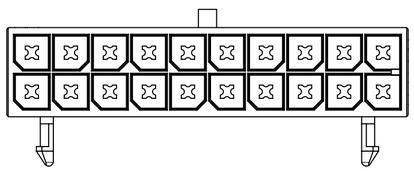
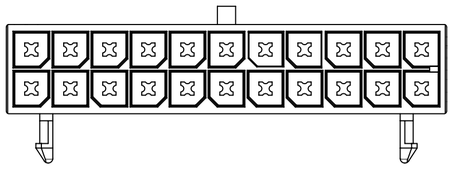
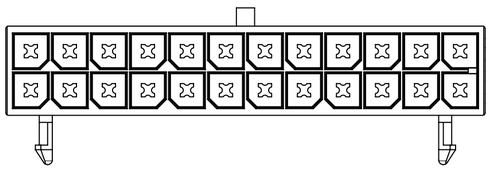
4					
4					
6					
8					
10					
12					

CKT	POLARIZATION "A"- BLACK
14	
16	
18	
20	
22	
24	

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	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.36
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 829776

DRWN:	ZIXUAQ	2025/05/14
CHK'D:	XQZHANG	2025/08/06
APPR:	XQZHANG	2025/08/06

INITIAL REVISION:

DRWN:	MUM	2019/03/08
APPR:	AYIN	2019/09/27

molex

MICRO-FIT + DUAL ROW R/A HEADER ASSY.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2125280000	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	212528	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06 06:22:11

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