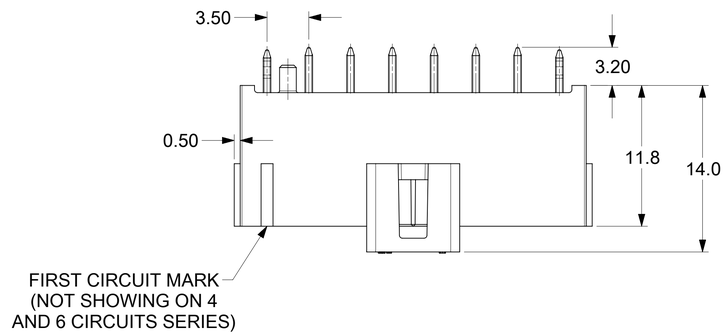
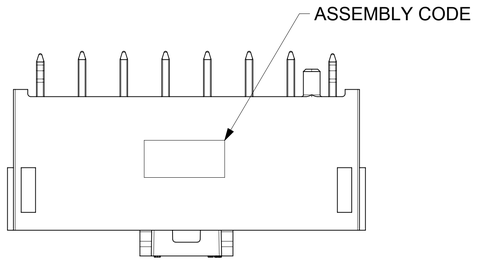
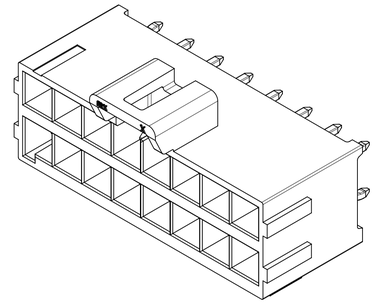
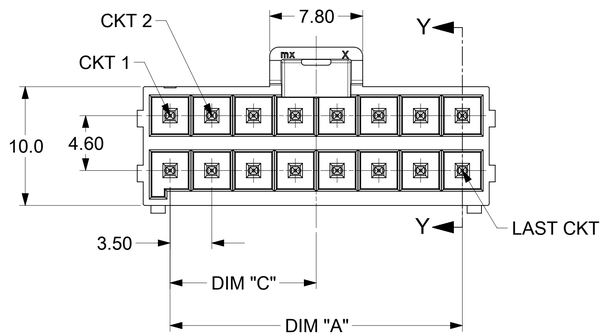
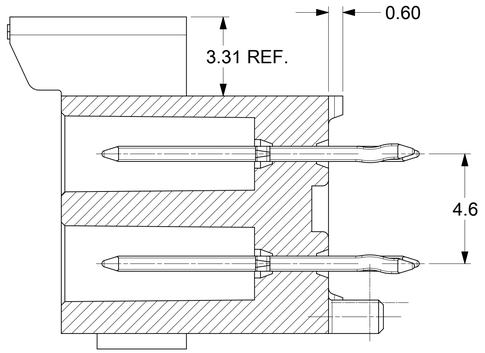


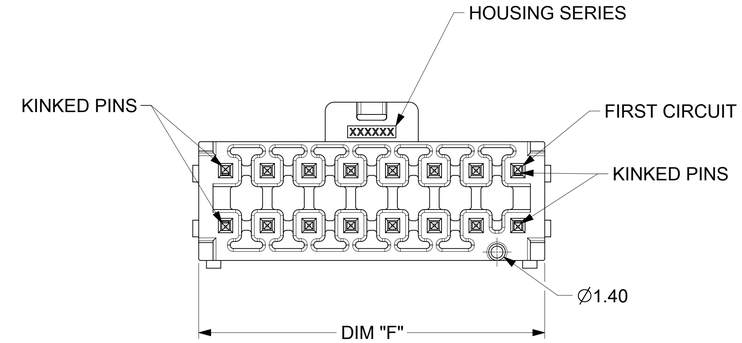


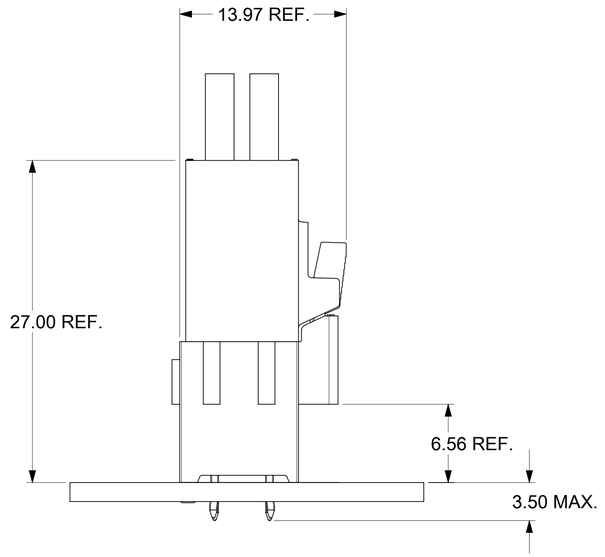


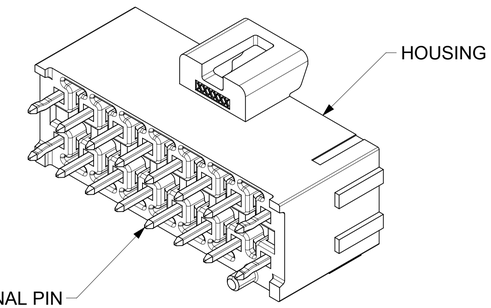




SECTION Y-Y
SCALE 8:1







NOTES:

1. MATERIAL :
   HOUSING
   OPTION 1: LCP BLACK, UL94 V-0
   OPTION 2: LCP NATURAL, UL94 V-0
   TERMINAL: COPPER ALLOY
2. PLATING FINISH:
   OPTION 1 - 1.52µm(60µin)-2.54µm(100µin) TIN OVER,
   1.27µm(50µin)-2.54µm(100µin) NICKEL OVERALL,
   OPTION 2 - 0.38µm(15µin) GOLD CONTACT AREA.
   1.52µm(60µin)-2.54µm(100µin) TIN TAIL AREA OVER,
   1.27µm(50µin)-2.54µm(100µin) NICKEL OVERALL.
   OPTION 3 - 0.76µm(30µin) GOLD CONTACT AREA,
   1.52µm(60µin)-2.54µm(100µin) TIN TAIL AREA OVER,
   1.27µm(50µin)-2.54µm(100µin) NICKEL OVERALL.
2. PACKAGE SPECIFICATION REFER TO CHART IN SHEET 3.
3. PRODUCT SPECIFICATION PS-172323-0001.
4. PART MATES WITH MOLEX RECEPTACLE HOUSING
   172258 AND 172262.
5. PART CONFORMS TO CLASS "C" REQUIREMENTS OF SPECIFICATION
   PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE
   HOLES AND FRONT SURFACE.
6. DISCOLORATION IN THE BANDOLIER AREA OF THE PIN IS
   INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING
   EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL
   AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE
   HEADER ASSEMBLY.
7. APPLICATION SPECIFICATION: AS-172323-0001

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/26 13:35:15

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FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE
FA = 0	mm	4:1
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
FP = 0	ANGULAR TOL ± °	
DIVISIONAL SYMBOLS	4 PLACES ±	
	3 PLACES ±	
	2 PLACES ± 0.25	
	1 PLACE ± 0.5	
	0 PLACES ±	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 693485
DRWN: GLLI 2022/01/21
CHK'D: XQZHANG 2022/01/26
APPR: XQZHANG 2022/01/26

INITIAL REVISION:
DRWN: DROSCA 2014/03/04
APPR: JCOMERCI 2014/04/24

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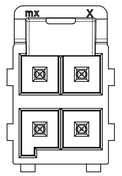
ULTRA-FIT VERT HEADER
4-16 CKTS DUAL ROW KINKED PINS

PRODUCT CUSTOMER DRAWING

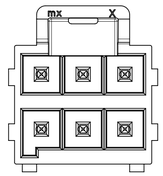
THIRD ANGLE PROJECTION	DRAWING	SERIES
	D-SIZE	172298

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172298-1000	PSD	000	D1

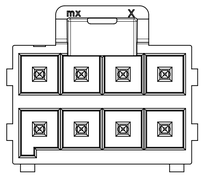
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 3



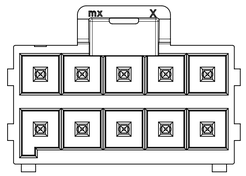
4 CKT



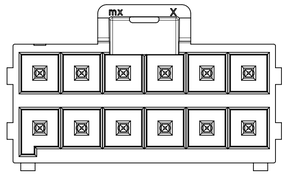
6 CKT



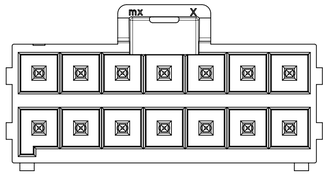
8 CKT



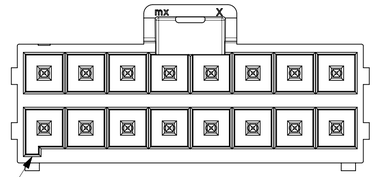
10 CKT



12 CKT



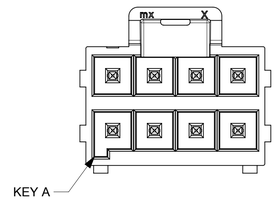
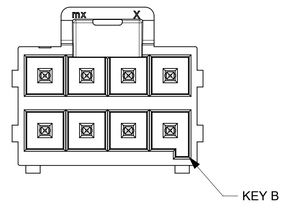
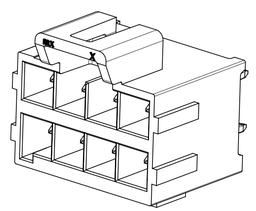
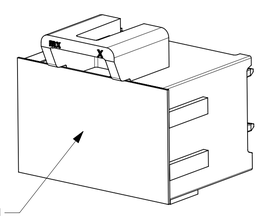
14 CKT



16 CKT

PCB LAYOUT COMPONENT SIDE
RECOMMENDED PCB THICKNESS 1.60MM-2.40MM

NOTE: DATUM -A- IS ON PCB COMPONENT SIDE

COLOR OPTION	 BLACK	 NATURAL
KAPTON OPTION	 WITHOUT KAPTON	 WITH KAPTON

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FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.5
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
DRWN: DROSCA 2014/03/04
APPR: JCOMERCI 2014/04/24

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ULTRA-FIT VERT HEADER
4-16 CKTS DUAL ROW KINKED PINS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172298-1000	PSD	000	D1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	172298		GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/26	13:35:15

TIN PLATING

PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	COLOR	PACKAGING SPEC.
172298-1104	WITHOUT	4	KEY A	3.50	8.00	1.75	BLACK	TRAY PK-172298-9001
172298-1106	WITHOUT	6	KEY A	7.00	11.50	3.50		
172298-1108	WITHOUT	8	KEY A	10.50	15.00	5.25		
172298-1110	WITHOUT	10	KEY A	14.00	18.50	7.00		
172298-1112	WITHOUT	12	KEY A	17.50	22.00	8.75		
172298-1114	WITHOUT	14	KEY A	21.00	25.50	10.50		
172298-1116	WITHOUT	16	KEY A	24.50	29.00	12.25		
172298-2104	WITHOUT	4	KEY B	3.50	8.00	1.75	NATURAL	
172298-2106	WITHOUT	6	KEY B	7.00	11.50	3.50		
172298-2108	WITHOUT	8	KEY B	10.50	15.00	5.25		
172298-2110	WITHOUT	10	KEY B	14.00	18.50	7.00		
172298-2112	WITHOUT	12	KEY B	17.50	22.00	8.75		
172298-2114	WITHOUT	14	KEY B	21.00	25.50	10.50		
172298-2116	WITHOUT	16	KEY B	24.50	29.00	12.25		
172298-7104	WITH	4	KEY A	3.50	8.00	1.75	BLACK	TAPE REEL 1722981000-PK
172298-7106	WITH	6	KEY A	7.00	11.50	3.50		
172298-7108	WITH	8	KEY A	10.50	15.00	5.25		
172298-7110	WITH	10	KEY A	14.00	18.50	7.00		
172298-7112	WITH	12	KEY A	17.50	22.00	8.75		
172298-7114	WITH	14	KEY A	21.00	25.50	10.50		
172298-7116	WITH	16	KEY A	24.50	29.00	12.25		
172298-8104	WITHOUT	4	KEY A	3.50	8.00	1.75		
172298-8106	WITHOUT	6	KEY A	7.00	11.50	3.50		
172298-8108	WITHOUT	8	KEY A	10.50	15.00	5.25		
172298-8110	WITHOUT	10	KEY A	14.00	18.50	7.00		
172298-8112	WITHOUT	12	KEY A	17.50	22.00	8.75		
172298-8114	WITHOUT	14	KEY A	21.00	25.50	10.50		
172298-8116	WITHOUT	16	KEY A	24.50	29.00	12.25		
172298-3104	WITH	4	KEY B	3.50	8.00	1.75	NATURAL	
172298-3106	WITH	6	KEY B	7.00	11.50	3.50		
172298-3108	WITH	8	KEY B	10.50	15.00	5.25		
172298-3110	WITH	10	KEY B	14.00	18.50	7.00		
172298-3112	WITH	12	KEY B	17.50	22.00	8.75		
172298-3114	WITH	14	KEY B	21.00	25.50	10.50		
172298-3116	WITH	16	KEY B	24.50	29.00	12.25		
172298-4104	WITHOUT	4	KEY B	3.50	8.00	1.75		
172298-4106	WITHOUT	6	KEY B	7.00	11.50	3.50		
172298-4108	WITHOUT	8	KEY B	10.50	15.00	5.25		
172298-4110	WITHOUT	10	KEY B	14.00	18.50	7.00		
172298-4112	WITHOUT	12	KEY B	17.50	22.00	8.75		
172298-4114	WITHOUT	14	KEY B	21.00	25.50	10.50		
172298-4116	WITHOUT	16	KEY B	24.50	29.00	12.25		

15 MICROINCH GOLD PLATING

PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	COLOR	PACKAGING SPEC.
172298-1204	WITHOUT	4	KEY A	3.50	8.00	1.75	BLACK	TRAY PK-172298-9001
172298-1206	WITHOUT	6	KEY A	7.00	11.50	3.50		
172298-1208	WITHOUT	8	KEY A	10.50	15.00	5.25		
172298-1210	WITHOUT	10	KEY A	14.00	18.50	7.00		
172298-1212	WITHOUT	12	KEY A	17.50	22.00	8.75		
172298-1214	WITHOUT	14	KEY A	21.00	25.50	10.50		
172298-1216	WITHOUT	16	KEY A	24.50	29.00	12.25		
172298-2204	WITHOUT	4	KEY B	3.50	8.00	1.75	NATURAL	
172298-2206	WITHOUT	6	KEY B	7.00	11.50	3.50		
172298-2208	WITHOUT	8	KEY B	10.50	15.00	5.25		
172298-2210	WITHOUT	10	KEY B	14.00	18.50	7.00		
172298-2212	WITHOUT	12	KEY B	17.50	22.00	8.75		
172298-2214	WITHOUT	14	KEY B	21.00	25.50	10.50		
172298-2216	WITHOUT	16	KEY B	24.50	29.00	12.25		
172298-7204	WITH	4	KEY A	3.50	8.00	1.75	BLACK	TAPE REEL 1722981000-PK
172298-7206	WITH	6	KEY A	7.00	11.50	3.50		
172298-7208	WITH	8	KEY A	10.50	15.00	5.25		
172298-7210	WITH	10	KEY A	14.00	18.50	7.00		
172298-7212	WITH	12	KEY A	17.50	22.00	8.75		
172298-7214	WITH	14	KEY A	21.00	25.50	10.50		
172298-7216	WITH	16	KEY A	24.50	29.00	12.25		
172298-8204	WITHOUT	4	KEY A	3.50	8.00	1.75		
172298-8206	WITHOUT	6	KEY A	7.00	11.50	3.50		
172298-8208	WITHOUT	8	KEY A	10.50	15.00	5.25		
172298-8210	WITHOUT	10	KEY A	14.00	18.50	7.00		
172298-8212	WITHOUT	12	KEY A	17.50	22.00	8.75		
172298-8214	WITHOUT	14	KEY A	21.00	25.50	10.50		
172298-8216	WITHOUT	16	KEY A	24.50	29.00	12.25		
172298-3204	WITH	4	KEY B	3.50	8.00	1.75	NATURAL	
172298-3206	WITH	6	KEY B	7.00	11.50	3.50		
172298-3208	WITH	8	KEY B	10.50	15.00	5.25		
172298-3210	WITH	10	KEY B	14.00	18.50	7.00		
172298-3212	WITH	12	KEY B	17.50	22.00	8.75		
172298-3214	WITH	14	KEY B	21.00	25.50	10.50		
172298-3216	WITH	16	KEY B	24.50	29.00	12.25		
172298-4204	WITHOUT	4	KEY B	3.50	8.00	1.75		
172298-4206	WITHOUT	6	KEY B	7.00	11.50	3.50		
172298-4208	WITHOUT	8	KEY B	10.50	15.00	5.25		
172298-4210	WITHOUT	10	KEY B	14.00	18.50	7.00		
172298-4212	WITHOUT	12	KEY B	17.50	22.00	8.75		
172298-4214	WITHOUT	14	KEY B	21.00	25.50	10.50		
172298-4216	WITHOUT	16	KEY B	24.50	29.00	12.25		

30 MICROINCH GOLD PLATING

PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	COLOR	PACKAGING SPEC.
172298-1304	WITHOUT	4	KEY A	3.50	8.00	1.75	BLACK	TRAY PK-172298-9001
172298-1306	WITHOUT	6	KEY A	7.00	11.50	3.50		
172298-1308	WITHOUT	8	KEY A	10.50	15.00	5.25		
172298-1310	WITHOUT	10	KEY A	14.00	18.50	7.00		
172298-1312	WITHOUT	12	KEY A	17.50	22.00	8.75		
172298-1314	WITHOUT	14	KEY A	21.00	25.50	10.50		
172298-1316	WITHOUT	16	KEY A	24.50	29.00	12.25		
172298-2304	WITHOUT	4	KEY B	3.50	8.00	1.75	NATURAL	
172298-2306	WITHOUT	6	KEY B	7.00	11.50	3.50		
172298-2308	WITHOUT	8	KEY B	10.50	15.00	5.25		
172298-2310	WITHOUT	10	KEY B	14.00	18.50	7.00		
172298-2312	WITHOUT	12	KEY B	17.50	22.00	8.75		
172298-2314	WITHOUT	14	KEY B	21.00	25.50	10.50		
172298-2316	WITHOUT	16	KEY B	24.50	29.00	12.25		
172298-7304	WITH	4	KEY A	3.50	8.00	1.75	BLACK	TAPE REEL 1722981000-PK
172298-7306	WITH	6	KEY A	7.00	11.50	3.50		
172298-7308	WITH	8	KEY A	10.50	15.00	5.25		
172298-7310	WITH	10	KEY A	14.00	18.50	7.00		
172298-7312	WITH	12	KEY A	17.50	22.00	8.75		
172298-7314	WITH	14	KEY A	21.00	25.50	10.50		
172298-7316	WITH	16	KEY A	24.50	29.00	12.25		
172298-8304	WITHOUT	4	KEY A	3.50	8.00	1.75		
172298-8306	WITHOUT	6	KEY A	7.00	11.50	3.50		
172298-8308	WITHOUT	8	KEY A	10.50	15.00	5.25		
172298-8310	WITHOUT	10	KEY A	14.00	18.50	7.00		
172298-8312	WITHOUT	12	KEY A	17.50	22.00	8.75		
172298-8314	WITHOUT	14	KEY A	21.00	25.50	10.50		
172298-8316	WITHOUT	16	KEY A	24.50	29.00	12.25		
172298-3304	WITH	4	KEY B	3.50	8.00	1.75	NATURAL	
172298-3306	WITH	6	KEY B	7.00	11.50	3.50		
172298-3308	WITH	8	KEY B	10.50	15.00	5.25		
172298-3310	WITH	10	KEY B	14.00	18.50	7.00		
172298-3312	WITH	12	KEY B	17.50	22.00	8.75		
172298-3314	WITH	14	KEY B	21.00	25.50	10.50		
172298-3316	WITH	16	KEY B	24.50	29.00	12.25		
172298-4304	WITHOUT	4	KEY B	3.50	8.00	1.75		
172298-4306	WITHOUT	6	KEY B	7.00	11.50	3.50		
172298-4308	WITHOUT	8	KEY B	10.50	15.00	5.25		
172298-4310	WITHOUT	10	KEY B	14.00	18.50	7.00		
172298-4312	WITHOUT	12	KEY B	17.50	22.00	8.75		
172298-4314	WITHOUT	14	KEY B	21.00	25.50	10.50		
172298-4316	WITHOUT	16	KEY B	24.50	29.00	12.25		

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/26 13:35:15

FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.5
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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molex

ULTRA-FIT VERT HEADER
4-16 CKTS DUAL ROW KINKED PINS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172298-1000	PSD	000	D1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	172298		GENERAL MARKET	3 OF 3

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