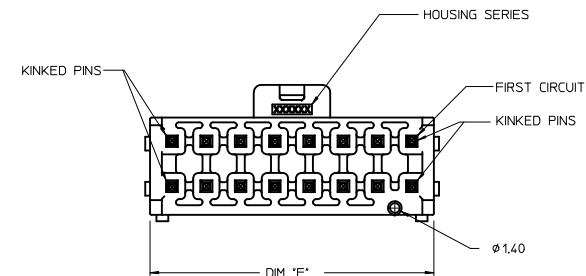
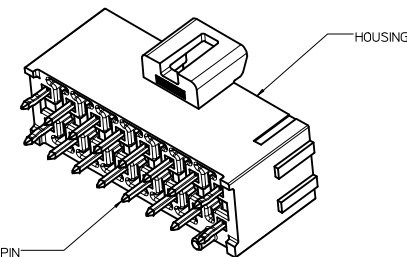
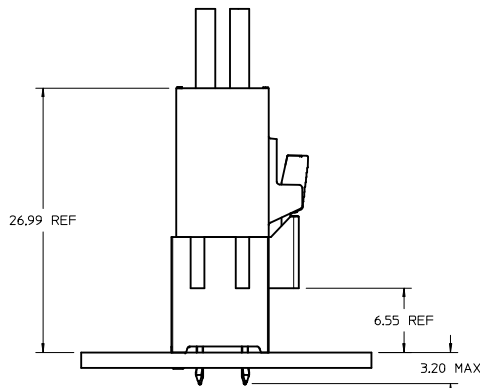


SECTION Y-Y  
SCALE 8:1

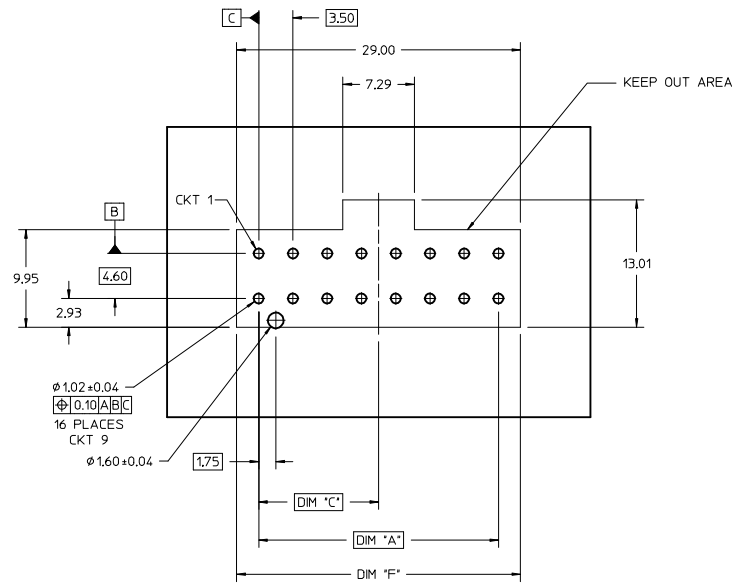
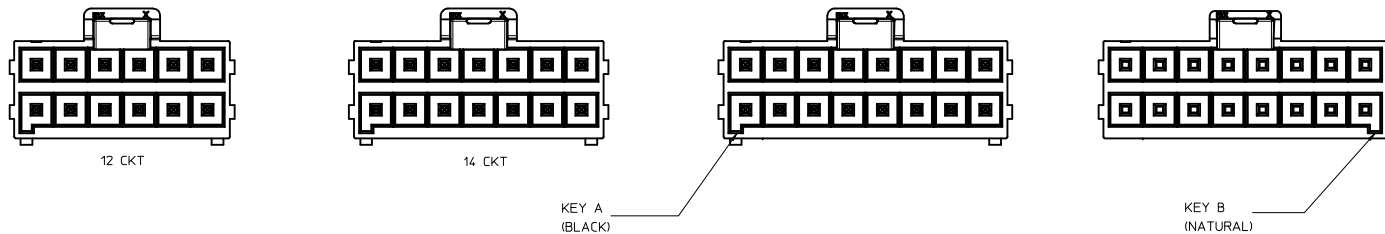
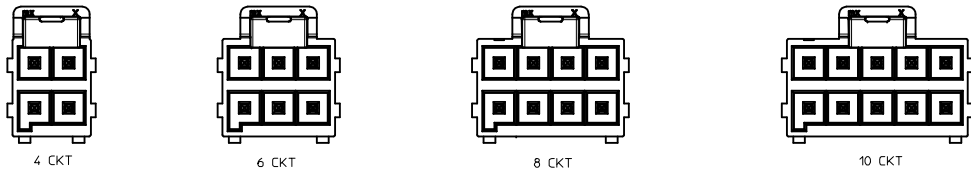


NOTES:

- MATERIAL :  
HOUSING  
OPTION 1: LCP E130i BLACK  
OPTION 2: LCP E130i NATURAL  
TERMINAL: COPPER ALLOY
- PLATING FINISH:  
OPTION 1 - 1.5 $\mu$ m(60 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) TIN OVER  
1.25 $\mu$ m(50 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) NICKEL OVERALL  
OPTION 2 - 0.35 $\mu$ m(15 $\mu$ in) GOLD CONTACT AREA,  
1.5 $\mu$ m(60 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) TIN TAIL AREA OVER  
1.25 $\mu$ m(50 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) NICKEL OVERALL  
OPTION 3 - 0.70 $\mu$ m(30 $\mu$ in) GOLD CONTACT AREA,  
1.5 $\mu$ m(60 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) TIN TAIL AREA OVER  
1.25 $\mu$ m(50 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) NICKEL OVERALL
- PARTS TO BE PACKAGED PER PK-172298-9001
- PRODUCT SPECIFICATION PS-172323-0001
- PART MATES WITH MOLEX RECEPTACLE HOUSING  
172258 AND 172262
- PART CONFORMS TO CLASS 'C' REQUIREMENTS OF SPECIFICATION  
PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE  
HOLES AND FRONT SURFACE.
- 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.
- APPLICATION SPECIFICATION: AS-172323-0001



X RELEASE IEC NO: UCP2015-4103 DRAWN/DROSCA B4 CHKD: APPR:RHODGE DESCRIPTION 2015/04/14 2015/04/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.5 ± --- 0 PLACE ± --- ± ---	MM ONLY	4:1	METRIC	DRAWN BY DATE DROSCA 2014/03/04 CHECKED BY DATE APPROVED BY DATE JCOMERCI 2014/04/24	TITLE ULTRA-FIT VERT HEADER 4-16 CKTS DUAL ROW KINKED PINS molex DOCUMENT NO. SD-172298-1000
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°	MATERIAL NO.	SEE CHART		SHEET NO.
			SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		1 OF 2	



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

NOTE: DATUM --A-- IS ON PCB COMPONENT SIDE

TIN PLATING						
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C
172298-1104	BLACK	4	KEY A	3.50	8.00	1.75
172298-1106	BLACK	6	KEY A	7.00	11.50	3.50
172298-1108	BLACK	8	KEY A	10.50	15.00	5.25
172298-1110	BLACK	10	KEY A	14.00	18.50	7.00
172298-1112	BLACK	12	KEY A	17.50	22.00	8.75
172298-1114	BLACK	14	KEY A	21.00	25.50	10.50
172298-1116	BLACK	16	KEY A	24.50	29.00	12.25
172298-2104	NATURAL	4	KEY B	3.50	8.00	1.75
172298-2106	NATURAL	6	KEY B	7.00	11.50	3.50
172298-2108	NATURAL	8	KEY B	10.50	15.00	5.25
172298-2110	NATURAL	10	KEY B	14.00	18.50	7.00
172298-2112	NATURAL	12	KEY B	17.50	22.00	8.75
172298-2114	NATURAL	14	KEY B	21.00	25.50	10.50
172298-2116	NATURAL	16	KEY B	24.50	29.00	12.25

15 MICROINCH GOLD PLATING						
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C
172298-1204	BLACK	4	KEY A	3.50	8.00	1.75
172298-1206	BLACK	6	KEY A	7.00	11.50	3.50
172298-1208	BLACK	8	KEY A	10.50	15.00	5.25
172298-1210	BLACK	10	KEY A	14.00	18.50	7.00
172298-1212	BLACK	12	KEY A	17.50	22.00	8.75
172298-1214	BLACK	14	KEY A	21.00	25.50	10.50
172298-1216	BLACK	16	KEY A	24.50	29.00	12.25
172298-2204	NATURAL	4	KEY B	3.50	8.00	1.75
172298-2206	NATURAL	6	KEY B	7.00	11.50	3.50
172298-2208	NATURAL	8	KEY B	10.50	15.00	5.25
172298-2210	NATURAL	10	KEY B	14.00	18.50	7.00
172298-2212	NATURAL	12	KEY B	17.50	22.00	8.75
172298-2214	NATURAL	14	KEY B	21.00	25.50	10.50
172298-2216	NATURAL	16	KEY B	24.50	29.00	12.25

30 MICROINCH GOLD PLATING						
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C
172298-1304	BLACK	4	KEY A	3.50	8.00	1.75
172298-1306	BLACK	6	KEY A	7.00	11.50	3.50
172298-1308	BLACK	8	KEY A	10.50	15.00	5.25
172298-1310	BLACK	10	KEY A	14.00	18.50	7.00
172298-1312	BLACK	12	KEY A	17.50	22.00	8.75
172298-1314	BLACK	14	KEY A	21.00	25.50	10.50
172298-1316	BLACK	16	KEY A	24.50	29.00	12.25
172298-2304	NATURAL	4	KEY B	3.50	8.00	1.75
172298-2306	NATURAL	6	KEY B	7.00	11.50	3.50
172298-2308	NATURAL	8	KEY B	10.50	15.00	5.25
172298-2310	NATURAL	10	KEY B	14.00	18.50	7.00
172298-2312	NATURAL	12	KEY B	17.50	22.00	8.75
172298-2314	NATURAL	14	KEY B	21.00	25.50	10.50
172298-2316	NATURAL	16	KEY B	24.50	29.00	12.25

SEE PAGE 1 DEC NO: UCP2015-4103 DRAWN BY: DROSCA CHKD: APPR: RHODGE REV:	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) mm      INCH 4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$ --- 2 PLACES $\pm 0.25$ $\pm$ --- 1 PLACE $\pm 0.5$ $\pm$ --- 0 PLACE $\pm$ --- $\pm$ --- ANGULAR $\pm 1/2^\circ$ DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY: DROSCA      DATE: 2014/03/04 CHECKED BY:      DATE: APPROVED BY: JCOMERCI      DATE: 2014/04/24 MATERIAL NO: SEE PAGE 1 SIZE: D	TITLE: ULTRA-FIT VERT HEADER 4-16 CKTS DUAL ROW KINKED PINS molex DOCUMENT NO: SD-172298-1000 SHEET NO: 2 OF 2
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