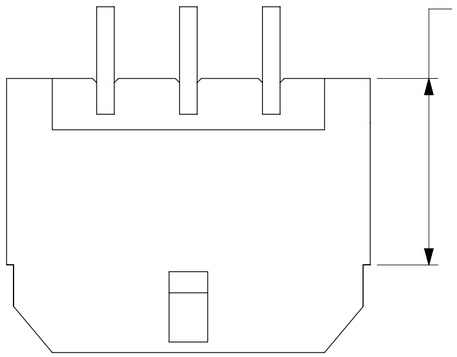
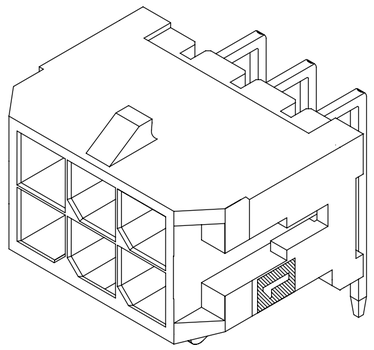
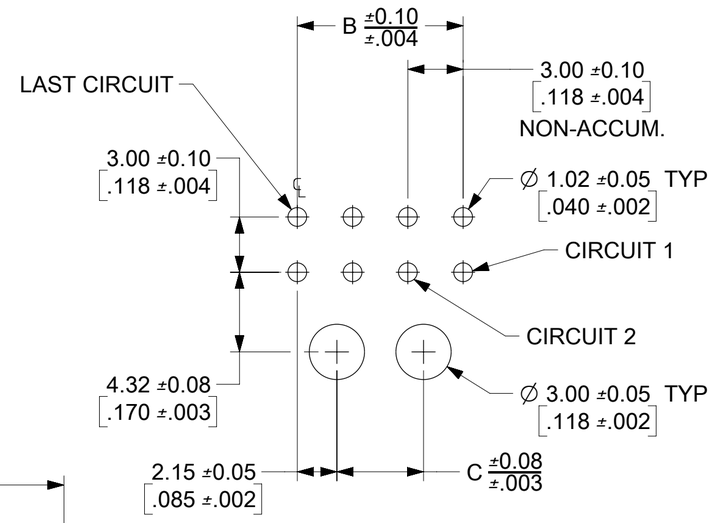
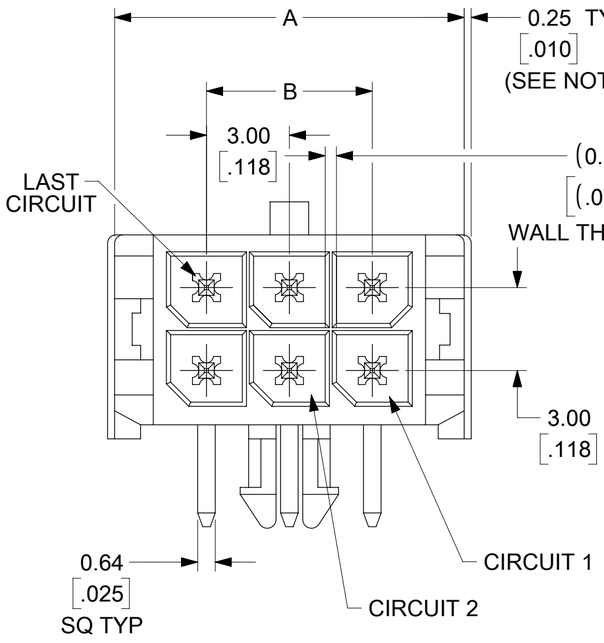


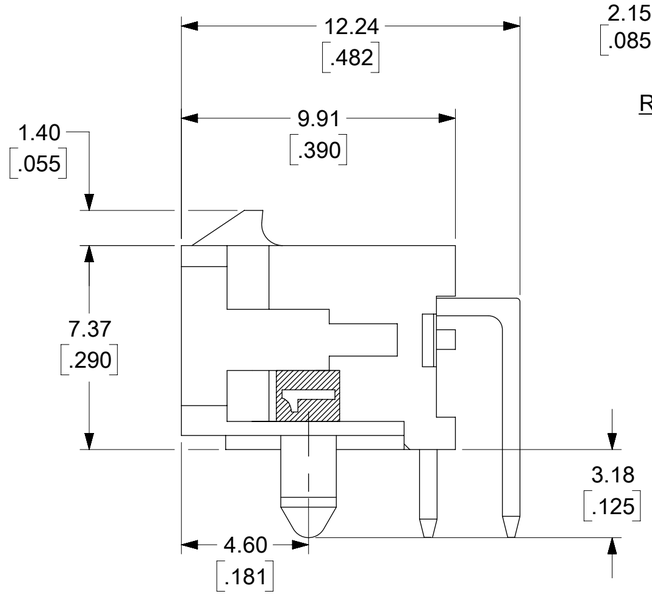




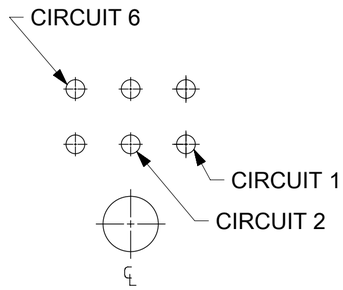
PCB LAYOUT: COMPONENT SIDE
RECOMMEND PCB THICKNESS: 1.57/.062

CKTS	A	B	C
02	6.65/.262	NA	NA
04	9.65/.380	3.00/.118	NA
06	12.65/.498	6.00/.236	NA
08	15.65/.616	9.00/.354	4.70/.185
10	18.65/.734	12.00/.472	7.70/.303
12	21.65/.852	15.00/.591	10.70/.421
14	24.65/.970	18.00/.709	13.70/.539
16	27.65/1.088	21.00/.827	16.70/.539
18	30.65/1.206	24.00/.945	19.70/.776
20	33.65/1.325	27.00/1.063	22.70/.894
22	36.65/1.443	30.00/1.181	25.70/1.012
24	39.65/1.561	33.00/1.299	28.70/1.130

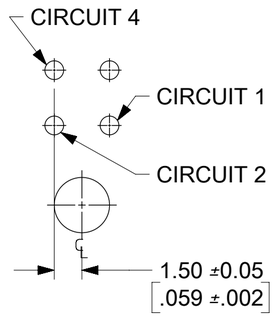




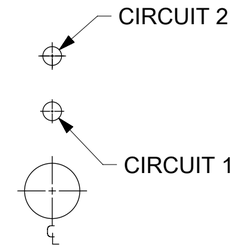
CIRCUIT "1" IDENTIFIED ON THIS SURFACE
(APPROX. LOCATION SHOWN FOR REF.)



PCB LAYOUT:
6 CKT HEADER



PCB LAYOUT:
4 CKT HEADER

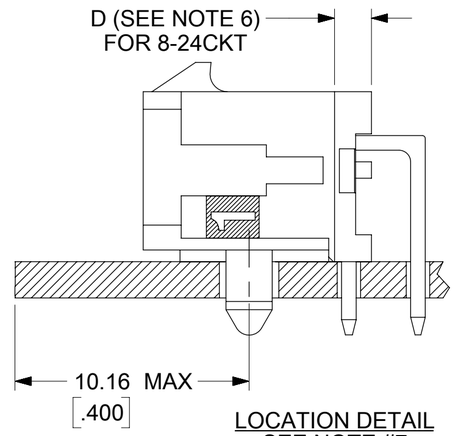


PCB LAYOUT:
2 CKT HEADER

NOTES:

1. HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER, UL94V-0, COLOR: BLACK
   TERMINAL MATERIAL: BRASS ALLOY
2. FINISH: A = 0.00152/(.000060) MIN. REFLOWED MATTE TIN OVER
   0.00127/(.000050) MIN. NICKEL PLATE.
   (FINISH IS BRIGHT IN APPEARANCE. THICKNESS AS APPLIED
   PRIOR TO REFLOW)
   B = 0.00038/(.000015) MIN. SELECT GOLD IN CONTACT AREA;
   0.00254/(.000100) MIN. SELECT MATTE TIN ON SOLDER TAILS;
   BOTH OVER 0.00127/(.000050) MIN. NICKEL PLATE.
   C = 0.00076/(.000030) MIN. SELECT GOLD IN CONTACT AREA;
   0.00254/(.000100) MIN. SELECT MATTE TIN ON SOLDER TAILS;
   BOTH OVER 0.00127/(.000050) MIN. NICKEL PLATE.
   D = 0.00254/(.000100) MIN. MATTE TIN OVER
   0.00127/(.000050) MIN. NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-43045
4. TRAY PACKAGED : SEE MOLEX DRAWING PK-70873-0313
5. MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43025
6. CIRCUIT SIZES 2-6: "D" IS 6.74/.265 FOR 0.25/.010 STEP.
   CIRCUIT SIZES 8-24: "D" IS 1.60/.063 FOR 0.25/.010 STEP.
7. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN 10.16/(.400) MAX. FROM EDGE OF PCB, AS SHOWN IN LOCATION DETAIL.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF PRODUCT SPECIFICATION PS-45499-002.

CKTS	FINISH A	FINISH B	FINISH C	FINISH D
	MATERIAL NO:	MATERIAL NO:	MATERIAL NO:	MATERIAL NO:
02	43045-0200	43045-0201	43045-0202	43045-0310
04	43045-0400	43045-0401	43045-0402	43045-0510
06	43045-0600	43045-0601	43045-0602	43045-0710
08	43045-0800	43045-0801	43045-0802	43045-0910
10	43045-1000	43045-1001	43045-1002	43045-1110
12	43045-1200	43045-1201	43045-1202	43045-1310
14	43045-1400	43045-1401	43045-1402	43045-1510
16	43045-1600	43045-1601	43045-1602	43045-1710
18	43045-1800	43045-1801	43045-1802	43045-1910
20	43045-2000	43045-2001	43045-2002	43045-2110
22	43045-2200	43045-2201	43045-2202	43045-2310
24	43045-2400	43045-2401	43045-2402	43045-2510



LOCATION DETAIL
SEE NOTE #7

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

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 799654
DRWN: ZIXUAQ 2024/09/27
CHK'D: XQZHANG 2024/09/27
APPR: XQZHANG 2024/09/27

INITIAL REVISION:
DRWN: SAMIEC 2000/03/15
APPR: FSMITH 2016/08/23

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43045

molex

MICRO-FIT (3.0)
DUAL ROW RIGHT ANGLE THRU HOLE HEADER ASS'Y

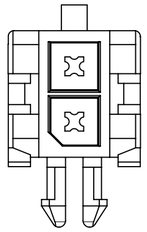
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-43045-001	PSD	001	H1

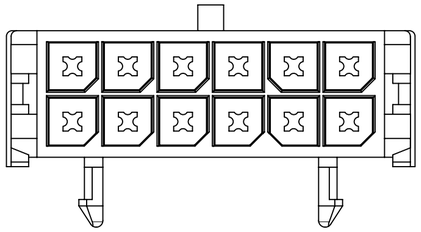
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/27 08:15:07

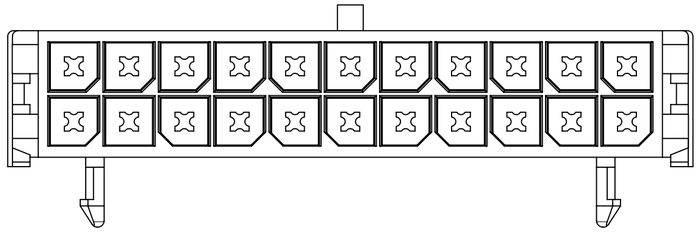
FORMAT: Eng-lega-master-lb-prod-C
REVISION: E1
DATE: 2021/05/01



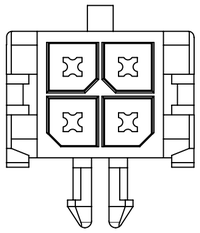
2 CKT



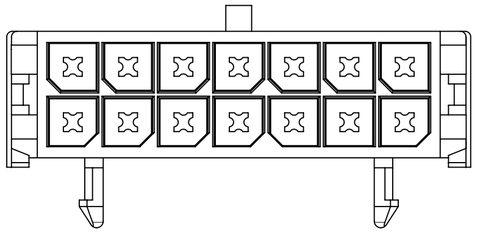
12 CKT



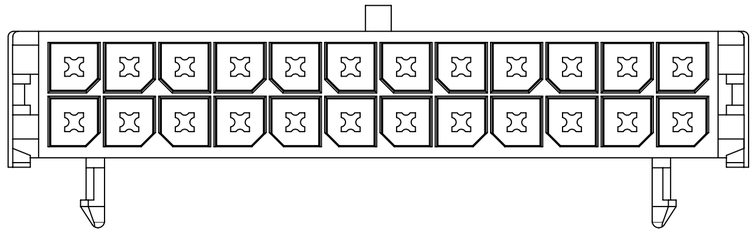
22 CKT



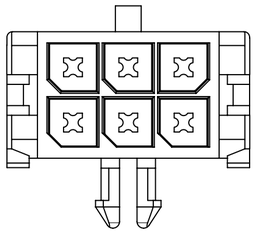
4 CKT



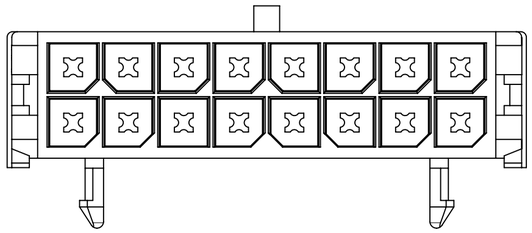
14 CKT



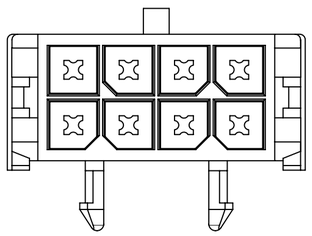
24 CKT



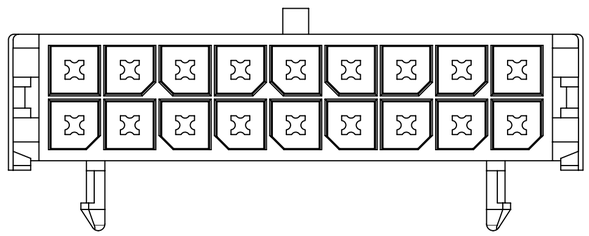
6 CKT



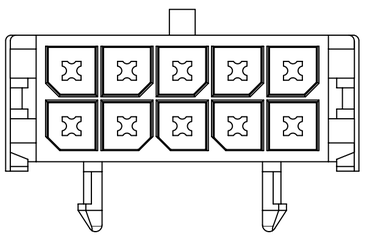
16 CKT



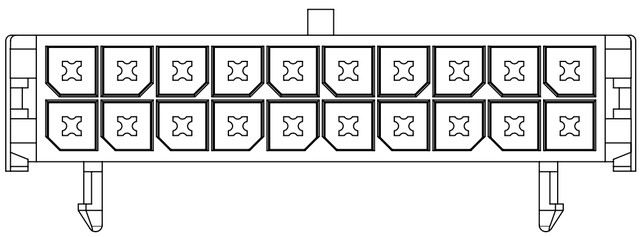
8 CKT



18 CKT



10 CKT



20 CKT

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

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 799654
DRWN: ZIXUAQ 2024/09/27
CHK'D: XQZHANG 2024/09/27
APPR: XQZHANG 2024/09/27

INITIAL REVISION:
DRWN: SAMIEC 2000/03/15
APPR: FSMITH 2016/08/23

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43045

molex

MICRO-FIT (3.0)
DUAL ROW RIGHT ANGLE THRU HOLE HEADER ASS'Y

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-43045-001	PSD	001	H1

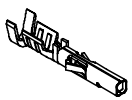
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/27 08:15:07

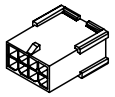
FORMAT: Eng-lega-master-B-prod-C
REVISION: E1
DATE: 2021/05/01

43045

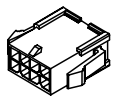
MICRO-FIT(3.0) DUAL-ROW SERIES



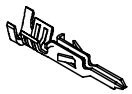
43030-××××
FEMALE CRIMP TERMINAL



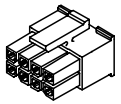
43020-××01
PLUG W/O MTG. EARS



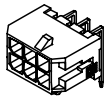
43020-××00
PLUG W/ MTG. EARS



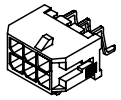
43031-××××
MALE CRIMP TERMINAL



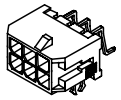
43025-××××
RECEPTACLE



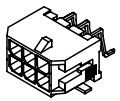
43045-××00 THRU 43045-××02
RIGHT ANGLE THRU HOLE
W/RETENTION PEG



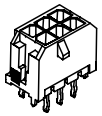
43045-××03 THRU 43045-××05
RIGHT ANGLE SURFACE MOUNT
W/RETENTION PEG



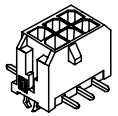
43045-××06 THRU 43045-××08
RIGHT ANGLE SURFACE MOUNT
W/RETENTION CLIP



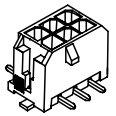
43045-××09 THRU 43045-××11
RIGHT ANGLE SURFACE MOUNT
W/FITTING NAIL



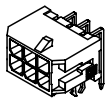
43045-××12 THRU 43045-××14
VERTICAL O.T.R. THRU HOLE



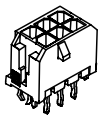
43045-××15 THRU 43045-××17
VERTICAL SURFACE MOUNT
W/RETENTION CLIP



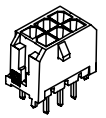
43045-××18 THRU 43045-××20
VERTICAL SURFACE MOUNT
W/FITTING NAIL



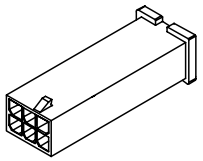
43045-××21 THRU 43045-××23
RIGHT ANGLE THRU HOLE
W/RETENTION CLIP



43045-××24 THRU 43045-××26
VERTICAL O.T.R. THRU HOLE
W/RETENTION CLIP

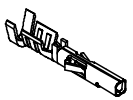


43045-××27 THRU 43045-××29
VERTICAL STRAIGHT PIN THRU HOLE

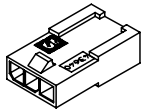


44242-0001 THRU 44242-0011
4-24 CKT. TEST PLUG

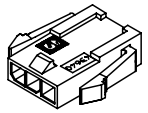
MICRO-FIT(3.0) IN-LINE SERIES



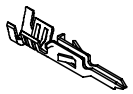
43030-××××
FEMALE CRIMP TERMINAL



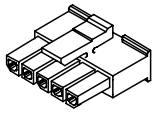
43640-××01
PLUG W/O MTG. EARS



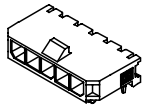
43640-××00
PLUG W/ MTG. EARS



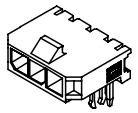
43031-××××
MALE CRIMP TERMINAL



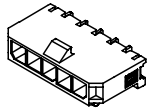
43645-××××
RECEPTACLE



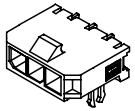
43650-××00 THRU 43650-××02
RIGHT ANGLE THRU HOLE
W/RETENTION PEG



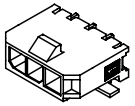
43650-××03 THRU 43650-××05
RIGHT ANGLE THRU HOLE
W/RETENTION CLIP



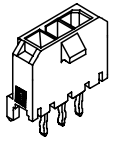
43650-××06 THRU 43650-××08
RIGHT ANGLE SURFACE MOUNT
W/RETENTION PEG



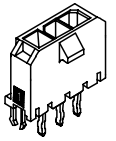
43650-××09 THRU 43650-××11
RIGHT ANGLE SURFACE MOUNT
W/RETENTION CLIP



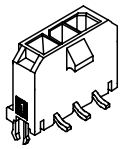
43650-××12 THRU 43650-××14
RIGHT ANGLE SURFACE MOUNT
W/FITTING NAIL



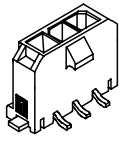
43650-××15 THRU 43650-××17
VERTICAL O.T.R. THRU HOLE



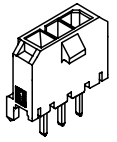
43650-××18 THRU 43650-××20
VERTICAL O.T.R. THRU HOLE
W/RETENTION CLIP



43650-××21 THRU 43650-××23
VERTICAL SURFACE MOUNT
W/RETENTION CLIP



43650-××24 THRU 43650-××26
VERTICAL SURFACE MOUNT
W/FITTING NAIL



43650-××27 THRU 43650-××29
VERTICAL STRAIGHT PIN THRU HOLE

REVISED/REDRAWN			REV
EC NO: UCP2004-1223	2004/03/12		
DRWN: JCERNY	2004/03/31		
CHKD:			
APPR: FSMITH	2004/04/05	DESCRIPTION	
	J		

QUALITY SYMBOLS
▼ = 0
▽ = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE	DESIGN UNITS
---	METRIC

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

DIMENSION STYLE: IN/MM

TITLE: MICRO-FIT (3.0) CONNECTOR FAMILY (INDEX DRAWING)

	DRAWN BY	DATE
	GUZIK	1999/03/11
	CHECKED BY	DATE
	EDGLEY	1999/03/11
	APPROVED BY	DATE
	EDGLEY	1999/03/11

MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SDIN-43045-0001	1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

D