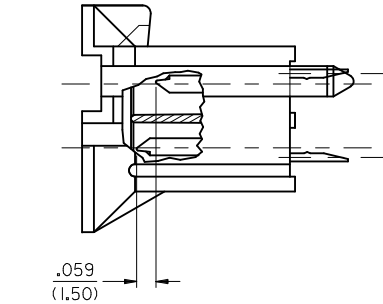
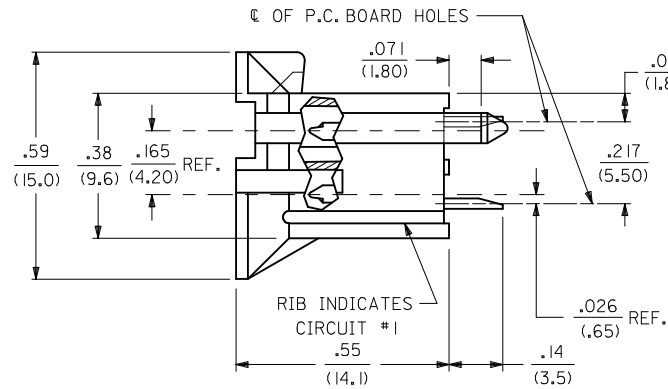
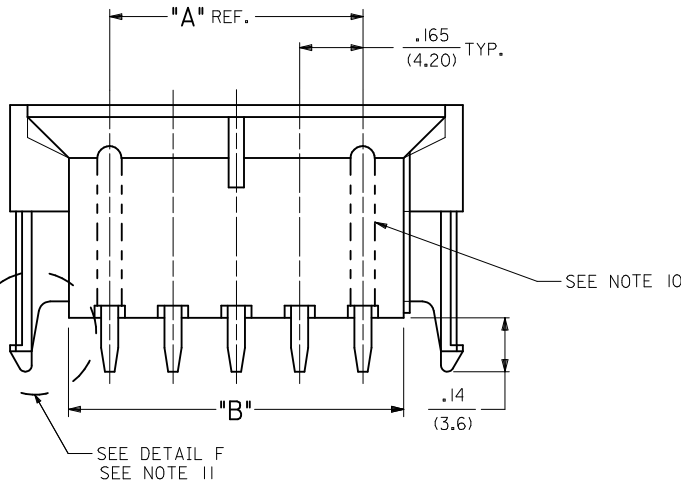
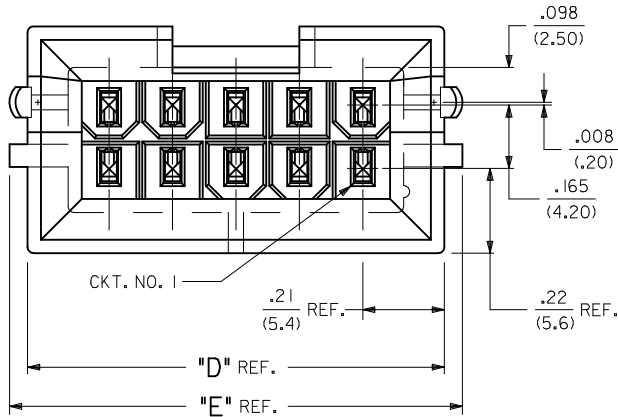
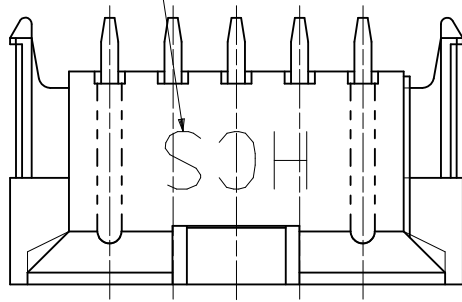
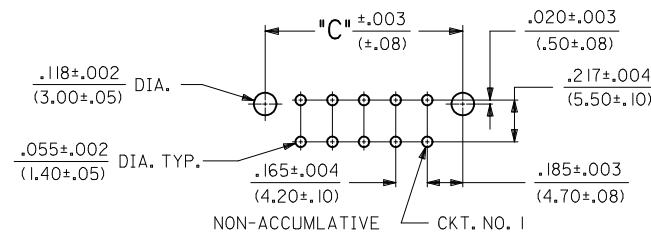


SEE NOTE 14

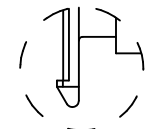


MATE-FIRST/BREAK-LAST DETAIL
(SEE NOTE 12)

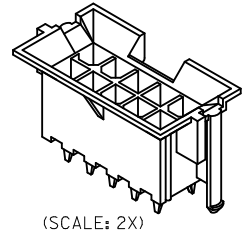


RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD

(SEE NOTE 5)
(SCALE: 2X)



DETAIL "F"
PEG DESIGN
PRIOR TO 8/11/97



(SCALE: 2X)

CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"
2	—	.21 (5.4)	.370 (9.40)	.425 (10.80)	.520 (13.20)
4	.17 (4.2)	.38 (9.6)	.535 (13.60)	.590 (15.00)	.685 (17.40)
6	.33 (8.4)	.54 (13.8)	.701 (17.80)	.756 (19.20)	.850 (21.60)
8	.50 (12.6)	.71 (18.0)	.866 (22.00)	.921 (23.40)	1.016 (25.80)
10	.66 (16.8)	.87 (22.2)	1.031 (26.20)	1.087 (27.60)	1.181 (30.00)
12	.83 (21.0)	1.04 (26.4)	1.197 (30.40)	1.252 (31.80)	1.346 (34.20)
14	.99 (25.2)	1.20 (30.6)	1.362 (34.60)	1.417 (36.00)	1.512 (38.40)
16	1.16 (29.4)	1.37 (34.8)	1.528 (38.80)	1.583 (40.20)	1.677 (42.60)
18	1.32 (33.6)	1.54 (39.0)	1.693 (43.00)	1.748 (44.40)	1.843 (46.80)
20	1.49 (37.8)	1.70 (43.2)	1.858 (47.20)	1.913 (48.60)	2.008 (51.00)
22	1.65 (42.0)	1.87 (47.4)	2.024 (51.40)	2.079 (52.80)	2.173 (55.20)
24	1.82 (46.2)	2.03 (51.6)	2.189 (55.60)	2.244 (57.00)	2.339 (59.40)

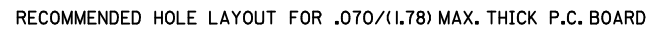
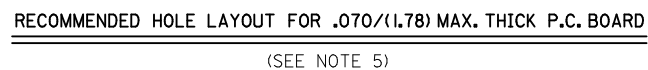
REMOVE TUBE P/N
EC NO: UCP2010-1524
DRWN: JAGUAR 2009/12/17
CHKD: JELL 2011/02/04
APPR: FSMITH 2011/02/11
REV
G2

QUALITY SYMBOLS
▽=0
▽=0
▽=0
DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± .015
1 PLACE ± 0.38 ± ---
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM
DRAWN BY DATE
CHECKED BY DATE
APPROVED BY DATE
MATERIAL NO.
SIZE C
SEE CHART

SCALE 4:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE VERTICAL HEADER ASSEMBLY MINI-FIT HCS SERIES
MOLEX INCORPORATED
DOCUMENT NO. SDA-44474-****
SHEET NO. 1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



SEE SHEET 1 EC NO.: UCF2010-1524 DRAWN: JAGUILAR CHKD: JBELL APPR: FSM TH	2009/12/17	2011/02/04	2011/02/11	QUALITY SYMBOLS   	DESCRIPTION G2	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .015</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.38</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ±1/2°</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .015	1 PLACE	± 0.38	± ---	ANGULAR ±1/2°			DIMENSION STYLE IN/MM DRAWN BY _____ DATE _____ GEP CHECKED BY _____ DATE _____ RJF APPROVED BY _____ DATE _____ FSM TH 2011/02/11 MATERIAL NO. _____ SEE CHART	SCALE 4:1 DESIGN UNITS METRIC  THIRD ANGLE PROJECTION	VERTICAL HEADER ASSEMBLY MINI-FIT HCS SERIES	MOLEX MOLEX INCORPORATED DOCUMENT NO. SDA-44474-**** SHEET NO. 2 OF 5
		mm	INCH																									
	4 PLACES	± ---	± ---																									
	3 PLACES	± ---	± .010																									
	2 PLACES	± 0.25	± .015																									
1 PLACE	± 0.38	± ---																										
ANGULAR ±1/2°																												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																												
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																												
SIZE _____																												

NOTES:

- 1) HOUSING MAT'L. & OPTIONS:
1 = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL, WITHOUT DRAIN HOLES.
2 = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL, WITHOUT DRAIN HOLES.
3 = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL, WITH DRAIN HOLES.
4 = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL, WITH DRAIN HOLES.
- 2) TERMINAL MAT'L.: COPPER ALLOY
- 3) 6-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPT.#5557, H.C.S. VERT. HEADER #44475 AND B.M.I. HEADER #42474. 2 & 4 CKT. PARTS MATE WITH HEADERS ONLY.
- 4) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- 5) PART IS DESIGNED IN METRIC.
- 6) TERMINAL PLATING:
1 = POSTPLATE .000100/(.00254) MIN. BRIGHT TIN
OVER .000050/(.00127) MIN. NICKEL.
- 7) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: SEE PS-44476-001.
- 8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 9) ITEM NUMBERS PRECEDED BY AN "X" IN THE CHARTS ON THE FOLLOWING SHEETS ARE NOT AVAILABLE.
- 10) OPTIONAL RIBS MAY BE FOUND ON PARTS MANUFACTURED AFTER 08/11/97.
- 11) PARTS MANUFACTURED AFTER 8/15/97 MAY HAVE REVISED LOCK PEG.
- 12) CIRCUITS SHOWN PROVIDE CUSTOM MATE-FIRST/BREAK-LAST FEATURE. SEE CHART ON SHEET SIX FOR ASSEMBLIES WITH ADDITIONAL CUSTOM OPTIONS.
- 13) PACKAGING:
1 = TRAY PER PK-42440-001.
- 14) PARTS PRODUCED AFTER JULY 1, 2004 WILL HAVE "HCS" MARKING INSTEAD OF BLACK STRIPE.
- 15) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002

SEE SHEET 1 EC NO: UCP2010-1524 DRWN: J JAGUILAR 2009/12/17 CHKD: J BELL 2011/02/04 APPR: F SMITH 2011/02/11	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY	DATE	TITLE VERTICAL HEADER ASSEMBLY MINI-FIT HCS SERIES	DOCUMENT NO. SDA-44474-****	SHEET NO. 3 OF 5	
			4 PLACES	± ---	± ---	GEP	CHECKED BY				DATE
			3 PLACES	± ---	± .010	RJF	APPROVED BY				DATE
			2 PLACES	± 0.25	± .015	FSMITH	2011/02/11				
		1 PLACE	± 0.38	± ---	ANGULAR ± 1/2°		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE								

PLATING:	I (SEE NOTE 6)	PLATING:	I (SEE NOTE 6)	PLATING:	I (SEE NOTE 6)	PLATING:	I (SEE NOTE 6)	PLATING:		PLATING:	
DRAINS:	WITHOUT DRAIN HOLES	DRAINS:	WITHOUT DRAIN HOLES	DRAINS:	WITH DRAIN HOLES	DRAINS:	WITH DRAIN HOLES	DRAINS:		DRAINS:	
PEGS:	WITH PEGS	PEGS:	WITH PEGS	PEGS:	WITH PEGS	PEGS:	WITH PEGS	PEGS:		PEGS:	
MAT'L:	94V-2 [NATURAL]	MAT'L:	94V-O [NATURAL]	MAT'L:	94V-2 [NATURAL]	MAT'L:	94V-O [NATURAL]	MAT'L:		MAT'L:	
PACKAGING:	TRAY (SEE NOTE 13)	PACKAGING:	TRAY (SEE NOTE 13)	PACKAGING:	TRAY (SEE NOTE 13)	PACKAGING:	TRAY (SEE NOTE 13)	PACKAGING:		PACKAGING:	
	ITEM NO.	CKTS		ITEM NO.	CKTS		ITEM NO.	CKTS		ITEM NO.	CKTS
X	44474-0211	2	X	44474-0221	2	X	44474-0231	2	X	44474-0241	2
	44474-0411	4		44474-0421	4		44474-0431	4		44474-0441	4
	44474-0611	6	X	44474-0621	6	O	44474-0631	6	X	44474-0641	6
X	44474-0811	8	X	44474-0821	8	X	44474-0831	8	X	44474-0841	8
	44474-1011	10		44474-1021	10		44474-1031	10		44474-1041	10
X	44474-1211	12	X	44474-1221	12	X	44474-1231	12	X	44474-1241	12
	44474-1411	14		44474-1421	14		44474-1431	14		44474-1441	14
X	44474-1611	16	X	44474-1621	16	X	44474-1631	16	X	44474-1641	16
	44474-1811	18		44474-1821	18		44474-1831	18		44474-1841	18
X	44474-2011	20	X	44474-2021	20	X	44474-2031	20	X	44474-2041	20
X	44474-2211	22	X	44474-2221	22	X	44474-2231	22	X	44474-2241	22
	44474-2411	24		44474-2421	24		44474-2431	24		44474-2441	24

PLATING:		PLATING:		PLATING:		PLATING:		PLATING:		PLATING:	
DRAINS:		DRAINS:		DRAINS:		DRAINS:		DRAINS:		DRAINS:	
PEGS:		PEGS:		PEGS:		PEGS:		PEGS:		PEGS:	
MAT'L:		MAT'L:		MAT'L:		MAT'L:		MAT'L:		MAT'L:	
PACKAGING:		PACKAGING:		PACKAGING:		PACKAGING:		PACKAGING:		PACKAGING:	
	ITEM NO.	CKTS		ITEM NO.	CKTS		ITEM NO.	CKTS		ITEM NO.	CKTS
		2			2			2			2
		4			4			4			4
		6			6			6			6
		8			8			8			8
		10			10			10			10
		12			12			12			12
		14			14			14			14
		16			16			16			16
		18			18			18			18
		20			20			20			20
		22			22			22			22
		24			24			24			24

* ITEMS PRECEDED BY "X" ARE NOT AVAILABLE
ITEMS ON THIS PAGE ARE STANDARD PRODUCT. REFER TO
SHEET SIX FOR PRODUCT WITH CUSTOM OPTIONS.

"0" = OBSOLETE

SEE SHEET 1 EC NO: UCP2010-4524 DRAWN: JAGUILAR CHKD: JBELL APPR: FSMITH 2009/12/17 2011/02/04 2011/02/11	QUALITY SYMBOLS DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			DRAWN BY DATE GEP	TITLE VERTICAL HEADER ASSEMBLY MINI-FIT HCS SERIES			
			CHECKED BY DATE RJF				
			APPROVED BY DATE FSMITH 2011/02/11	MOLEX INCORPORATED			
			MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-44474-****	SHEET NO. 4 OF 5		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

[illegible]