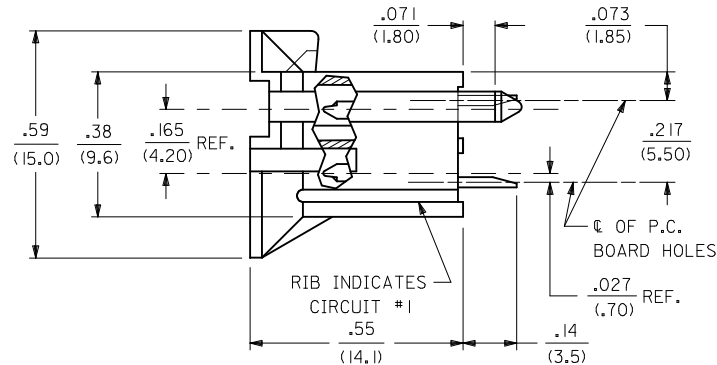
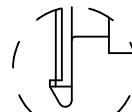


(SCALE: 2X)



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

LEGEND:

A - 42440 - ** *

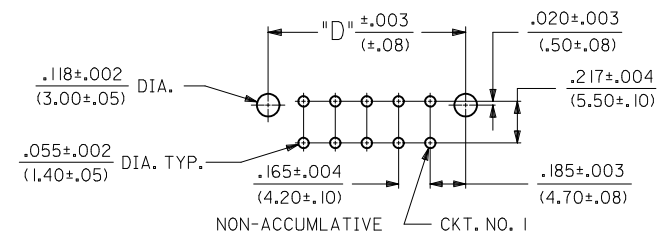
BASE NUMBER ——— |

CIRCUIT SIZE ——— |

(02-24) ——— |

PLATING (SEE NOTE 2.) ——— |

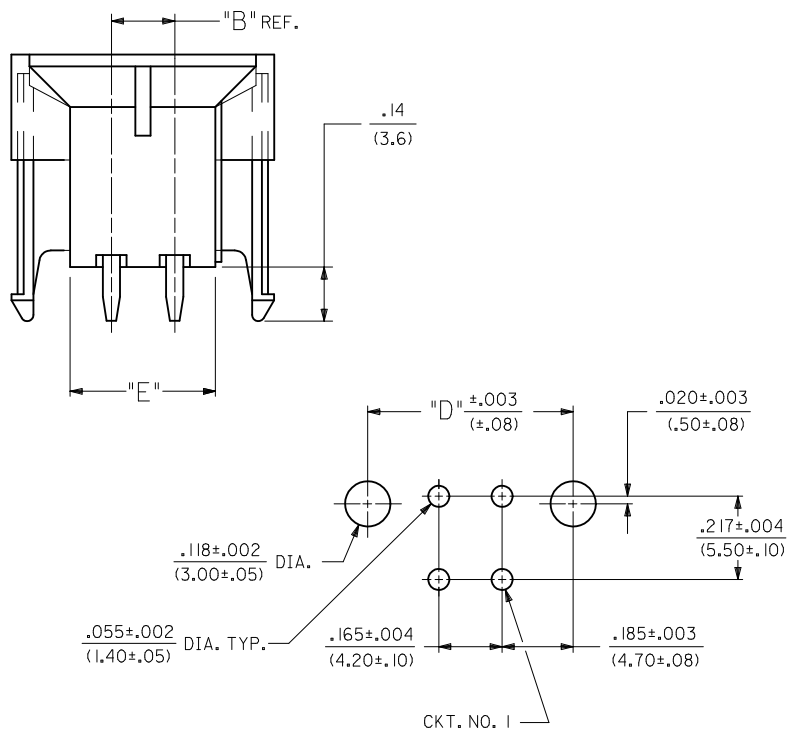
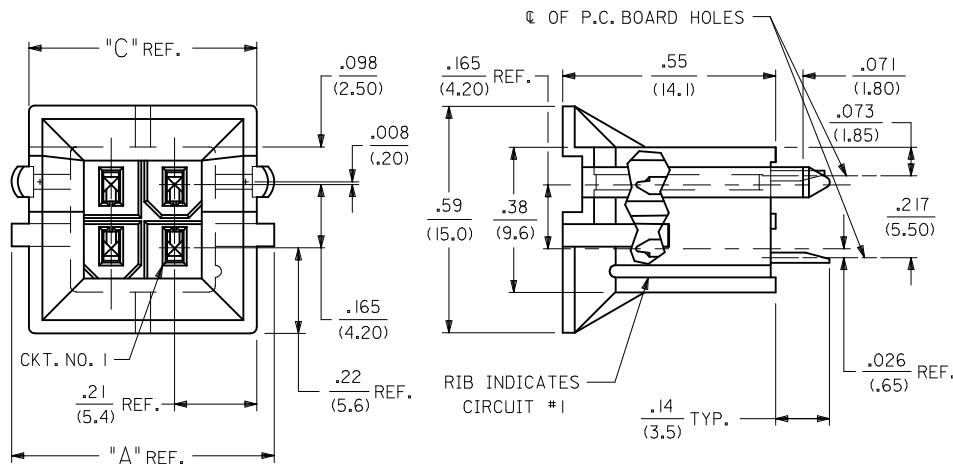
HOUSING MAT'L. & OPTIONS (SEE NOTE 1.) ——— |



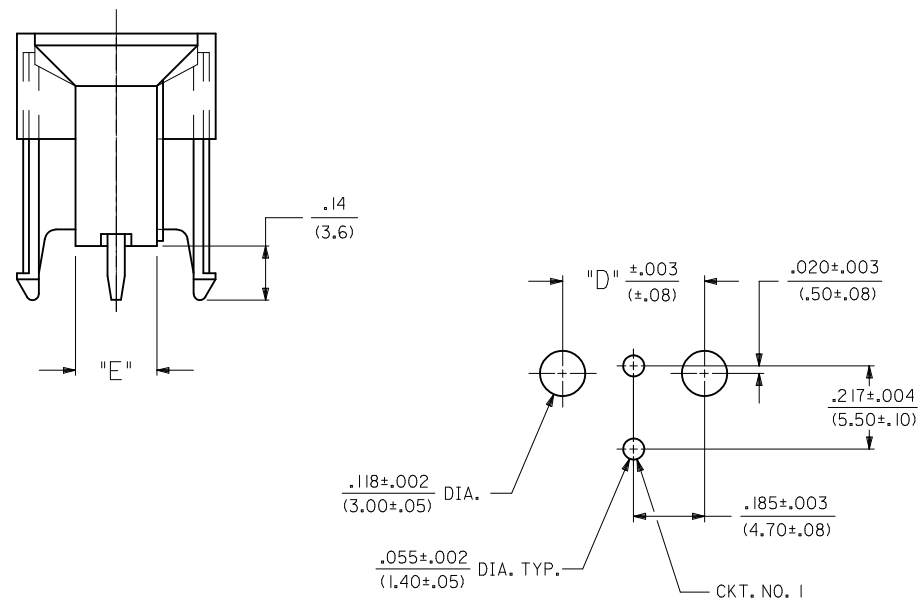
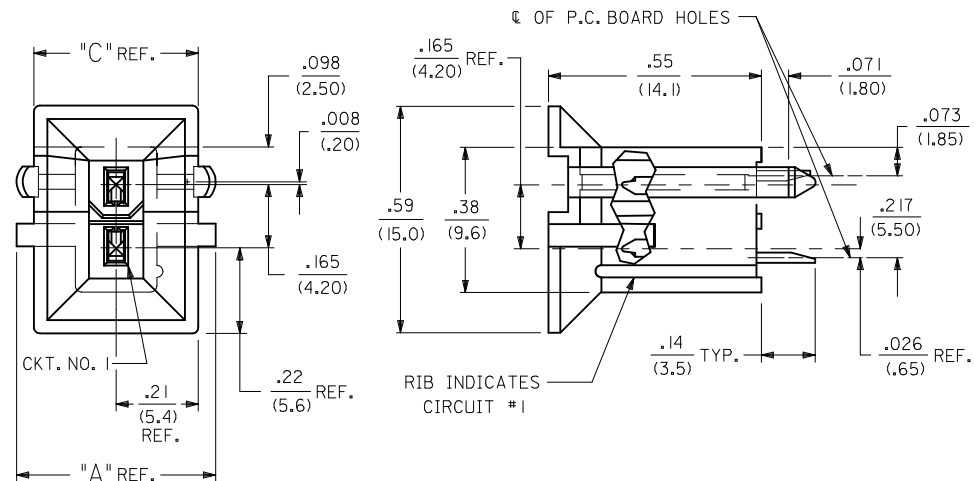
RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD

(SCALE: 2X)

RMV LEAD FREE PN EC NO: UCP2010-4524 CHWKD: JAGUILAR DRW: J.BELL APPR: F.SMITH	2011/01/11	2011/01/11	2011/02/11	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
	DESCRIPTION				mmINCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 5 °		DRAWN BY DATE GEP1989/04/06 CHECKED BY DATE RJF1989/04/06 APPROVED BY DATE FSMITH2011/02/11		TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION MOLEX MOLEX INCORPORATED				
					MATERIAL NO.		DOCUMENT NO.					SHEET NO.	
					SEE CHART		SDA-42440-****					1 OF 5	
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
REV				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									



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



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

SEE SHEET 1 EC NO: UCP2010-1524 DRWN: JAGUILAR CHKD: J.BELL APPR: F.S.MITH Q2	2011/01/11 2011/01/11 2011/02/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DESCRIPTION	▽=0	mm	INCH	DRAWN BY GEP	DATE 1989/04/06	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION		
		▽=0	4 PLACES ± ---	± ---	CHECKED BY RJF	DATE 1989/04/06	MOLEX INCORPORATED		
		▽=0	3 PLACES ± ---	± .010	APPROVED BY FSMITH	DATE 2011/02/11	MATERIAL NO. SEE CHART		
			2 PLACES ± 0.25	± .015	DOCUMENT NO. SDA-42440-****			SHEET NO. 2 OF 5	
REV			1 PLACE ± 0.38	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

NOTES:

1) MATERIAL:

HOUSING MATERIAL AND OPTIONS:

- 1 = NYLON 6/6, UL 94V-2, COLOR: NATURAL, WITHOUT DRAIN HOLES
2 = NYLON 6/6, UL 94V-0, COLOR: NATURAL, WITHOUT DRAIN HOLES
3 = NYLON 6/6, UL 94V-2, COLOR: NATURAL, WITH DRAIN HOLES
4 = NYLON 6/6, UL 94V-0, COLOR: NATURAL, WITH DRAIN HOLES

TERMINALS: BRASS

2) TERMINAL PLATING:

- S = .000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL
GS = .000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN.
SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL
GS3 = .000050/(0.00127) MIN. SELECT GOLD AND .000100/(0.00254) MIN.
SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL

3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-5556-002
4) PACKAGING: SEE CHARTS

5) 6-24 CIRCUIT PARTS MATE WITH MINI-FIT JR. RECEPTACLES #5557 AND
HEADERS #42385 AND #42474, 2 AND 4 CIRCUIT PARTS MATE WITH
42385 AND 42474 HEADERS ONLY.

6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING
RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS
FOR SPECIFIC ALLOWANCES.

7) CONNECTOR IS NOT DESIGNED FOR CURRENT SHARING.

8) CONNECTOR ASSEMBLIES ARE NOT BE MATED OR UNMATED WHILE
CIRCUITS ARE LIVE.

9) OPTIONAL RIBS MAY BE FOUND ON PARTS MANUFACTURED AFTER 08/11/1997.
RIB LOCATION IS DETERMINED BY MOLD DESIGN FOR MANUFACTURING EASE
AND THE LOCATION DOES NOT AFFECT PART FUNCTION OR PERFORMANCE.
LOCATION OF RIBS MAY VARY ON PARTS WITHIN MAUFACTURING LOT OR
SHIPMENT. THIS DRAWING SHOWS TYPICAL RIB LOCATIONS.

10) PARTS MANUFACTURED AFTER 8/15/1997 MAY HAVE REVISED LOCK PEG.

11) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION"
PS-45499-002.

 12 CIRCUIT PARTS HAVE A SLOT BETWEEN CIRCUITS 7 AND 8.

SEE SHEET 1 EC NO: UCP2010-1524 DRWN: JAGUILAR CHKD: J BELL APPR: F SMITH	DESCRIPTION 2011/01/11 2011/01/11 2011/02/11	REV	QUALITY SYMBOLS   	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
						DRAWN BY GEP	DATE 1989/04/06	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION			
						CHECKED BY R JF	DATE 1989/04/06				
						APPROVED BY F SMITH	DATE 2011/02/11	MOLEX INCORPORATED			
				ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-42440-****		3 OF 5	
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

	13		12		11		10		9		8		7		6		5		4		3		2		1			
J	PLATING:	TIN (SEE NOTE 2 OPTION *S')				PLATING:	TIN (SEE NOTE 2 OPTION *S')				PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION *GS')				PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION *GS')											
	DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITHOUT DRAIN HOLES											
	PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS											
	MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-0 [NATURAL]				MAT'L:	94V-0 [NATURAL]				MAT'L:	94V-0 [NATURAL]											
	PACKAGING:	TRAY PER PK-42440-001				PACKAGING:	TRAY PER PK-42440-001				PACKAGING:	TRAY PER PK-42440-001				PACKAGING:	TRAY PER PK-42440-001											
I	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS			
	NO EDP	A-42440-021I		-	2	NO EDP	A-42440-022I		-	2	NO EDP	A-42440-0212		-	2	NO EDP	A-42440-0222		-	2	NO EDP	A-42440-0222		-	2			
	I5-24-604I	A-42440-041I		-	4	I5-24-6042	A-42440-042I		-	4	I5-24-604I	A-42440-0412		-	4	I5-28-6042	A-42440-0422		-	4	I5-28-6042	A-42440-0422		-	4			
	I5-24-606I	A-42440-061I		-	6	NO EDP	A-42440-062I		-	6	I5-24-606I	A-42440-0612		-	6	NO EDP	A-42440-0622		-	6	NO EDP	A-42440-0622		-	6			
	NO EDP	A-42440-081I		-	8	NO EDP	A-42440-082I		-	8	NO EDP	A-42440-0812		-	8	NO EDP	A-42440-0822		-	8	NO EDP	A-42440-0822		-	8			
	I5-24-610I	A-42440-101I		-	10	I5-24-6102	A-42440-102I		-	10	I5-24-610I	A-42440-1012		-	10	I5-28-6102	A-42440-1022		-	10	I5-28-6102	A-42440-1022		-	10			
H	I5-24-612I	A-42440-121I		-	12	I5-24-6122	A-42440-122I		-	12	I5-24-612I	A-42440-1212		-	12	I5-28-6122	A-42440-1222		-	12	I5-28-6122	A-42440-1222		-	12			
	I5-24-614I	A-42440-141I		-	14	I5-24-6142	A-42440-142I		-	14	I5-24-614I	A-42440-1412		-	14	I5-28-6142	A-42440-1422		-	14	I5-28-6142	A-42440-1422		-	14			
	I5-24-616I	A-42440-161I		-	16	I5-24-6162	A-42440-162I		-	16	I5-24-616I	A-42440-1612		-	16	NO EDP	A-42440-1622		-	16	NO EDP	A-42440-1622		-	16			
	I5-24-618I	A-42440-181I		-	18	I5-24-6182	A-42440-182I		-	18	I5-24-618I	A-42440-1812		-	18	I5-28-6182	A-42440-1822		-	18	I5-28-6182	A-42440-1822		-	18			
	NO EDP	A-42440-201I		-	20	NO EDP	A-42440-202I		-	20	NO EDP	A-42440-2012		-	20	NO EDP	A-42440-2022		-	20	NO EDP	A-42440-2022		-	20			
	NO EDP	A-42440-221I		-	22	NO EDP	A-42440-222I		-	22	NO EDP	A-42440-2212		-	22	NO EDP	A-42440-2222		-	22	NO EDP	A-42440-2222		-	22			
G	I5-24-624I	A-42440-241I		-	24	I5-24-6242	A-42440-242I		-	24	I5-24-624I	A-42440-2412		-	24	I5-28-6242	A-42440-2422		-	24	I5-28-6242	A-42440-2422		-	24			
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		-		-			-		-			-		-			-		-			-		-				
	PLATING:	TIN (SEE NOTE 2 OPTION *S')				PLATING:	TIN (SEE NOTE 2 OPTION *S')				PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION *GS')				PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION *GS')											
	DRAINS:	WITH DRAIN HOLES				DRAINS:	WITH DRAIN HOLES				DRAINS:	WITH DRAIN HOLES				DRAINS:	WITH DRAIN HOLES											
F	PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS											
	MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-0 [NATURAL]				MAT'L:	94V-0 [NATURAL]				MAT'L:	94V-0 [NATURAL]											
	PACKAGING:	TRAY PER PK-42440-001				PACKAGING:	TRAY PER PK-42440-001				PACKAGING:	TRAY PER PK-42440-001				PACKAGING:	TRAY PER PK-42440-001											
	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS			
	NO EDP	A-42440-023I		-	2	NO EDP	A-42440-024I		-	2	NO EDP	A-42440-0232		-	2	NO EDP	A-42440-0242		-	2	NO EDP	A-42440-0242		-	2			
E	I5-24-6046	A-42440-043I		-	4	I5-24-6047	A-42440-044I		-	4	I5-24-6046	A-42440-0432		-	4	I5-28-6047	A-42440-0442		-	4	I5-28-6047	A-42440-0442		-	4			
	NO EDP	A-42440-063I		-	6	NO EDP	A-42440-064I		-	6	NO EDP	A-42440-0632		-	6	NO EDP	A-42440-0642		-	6	NO EDP	A-42440-0642		-	6			
	NO EDP	A-42440-083I		-	8	NO EDP	A-42440-084I		-	8	NO EDP	A-42440-0832		-	8	NO EDP	A-42440-0842		-	8	NO EDP	A-42440-0842		-	8			
	I5-24-6106	A-42440-103I		-	10	I5-24-6107	A-42440-104I		-	10	I5-24-6106	A-42440-1032		-	10	I5-28-6107	A-42440-1042		-	10	I5-28-6107	A-42440-1042		-	10			
	NO EDP	A-42440-123I		-	12	NO EDP	A-42440-124I		-	12	NO EDP	A-42440-1232		-	12	NO EDP	A-42440-1242		-	12	NO EDP	A-42440-1242		-	12			
	I5-24-6146	A-42440-143I		-	14	I5-24-6147	A-42440-144I		-	14	I5-24-6146	A-42440-1432		-	14	I5-28-6147	A-42440-1442		-	14	I5-28-6147	A-42440-1442		-	14			
D	NO EDP	A-42440-163I		-	16	NO EDP	A-42440-164I		-	16	NO EDP	A-42440-1632		-	16	NO EDP	A-42440-1642		-	16	NO EDP	A-42440-1642		-	16			
	I5-24-6186	A-42440-183I		-	18	I5-24-6187	A-42440-184I		-	18	I5-24-6186	A-42440-1832		-	18	I5-28-6187	A-42440-1842		-	18	I5-28-6187	A-42440-1842		-	18			
	NO EDP	A-42440-203I		-	20	NO EDP	A-42440-204I		-	20	NO EDP	A-42440-2032		-	20	NO EDP	A-42440-2042		-	20	NO EDP	A-42440-2042		-	20			
	NO EDP	A-42440-223I		-	22	NO EDP	A-42440-224I		-	22	NO EDP	A-42440-2232		-	22	NO EDP	A-42440-2242		-	22	NO EDP	A-42440-2242		-	22			
	I5-24-6246	A-42440-243I		-	24	I5-24-6247	A-42440-244I		-	24	I5-24-6246	A-42440-2432		-	24	I5-28-6247	A-42440-2442		-	24	I5-28-6247	A-42440-2442		-	24			
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C		-		-			-		-			-		-			-		-			-		-				
B																												
A																												

SEE SHEET 1 EC NO: UCP2010-1524 DRWN: JAGUILAR CHKD: J.BELL APPR: F.S.MITH	2011/01/11 2011/01/11 2011/02/11	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
						DRAWN BY GEP		DATE 1989/04/06	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION MOLEX INCORPORATED		
						CHECKED BY R.J.F.		DATE 1989/04/06			
						APPROVED BY F.S.MITH		DATE 2011/02/11			
				ANGULAR ± 5 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-42440-****			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 4 OF 5			

1b_frame_C_P_AM_T Rev. F 2009/06/18	12	11	10	9	8	7	6	5	4	3	2	1
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	13		12		11		10		9		8		7		6		5		4		3		2		1	
J	PLATING:		50 M.I. SELECT GOLD (SEE NOTE 2 OPTION *GS3*)				PLATING:		50 M.I. SELECT GOLD (SEE NOTE 2 OPTION *GS3*)				PLATING:						PLATING:							
	DRAINS:		WITHOUT DRAIN HOLES				DRAINS:		WITHOUT DRAIN HOLES				DRAINS:						DRAINS:							
	PEGS:		WITH PEGS				PEGS:		WITH PEGS				PEGS:						PEGS:							
	MAT'L:		94V-2 [NATURAL]				MAT'L:		94V-0 [NATURAL]				MAT'L:						MAT'L:							
	PACKAGING:		TRAY PER PK-42440-001				PACKAGING:		TRAY PER PK-42440-001				PACKAGING:						PACKAGING:							
I	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	PART NO.	ENG NO.			CKTS	
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	NO EDP	A-42440-04I3	-		4	NO EDP	A-42440-0423	-		4	NO EDP	-	-	-	4	NO EDP	-	-	-	4	NO EDP	-	-	-	4	
	NO EDP	A-42440-06I3	-		6	NO EDP	A-42440-0623	-		6	NO EDP	-	-	-	6	NO EDP	-	-	-	6	NO EDP	-	-	-	6	
	NO EDP	A-42440-08I3	-		8	NO EDP	A-42440-0823	-		8	NO EDP	-	-	-	8	NO EDP	-	-	-	8	NO EDP	-	-	-	8	
	NO EDP	A-42440-10I3	-		10	NO EDP	A-42440-1023	-		10	NO EDP	-	-	-	10	NO EDP	-	-	-	10	NO EDP	-	-	-	10	
	NO EDP	A-42440-12I3	-		12	NO EDP	A-42440-1223	-		12	NO EDP	-	-	-	12	NO EDP	-	-	-	12	NO EDP	-	-	-	12	
H	NO EDP	A-42440-14I3	-		14	NO EDP	A-42440-1423	-		14	NO EDP	-	-	-	14	NO EDP	-	-	-	14	NO EDP	-	-	-	14	
	NO EDP	A-42440-16I3	-		16	NO EDP	A-42440-1623	-		16	NO EDP	-	-	-	16	NO EDP	-	-	-	16	NO EDP	-	-	-	16	
	NO EDP	A-42440-18I3	-		18	NO EDP	A-42440-1823	-		18	NO EDP	-	-	-	18	NO EDP	-	-	-	18	NO EDP	-	-	-	18	
	NO EDP	A-42440-20I3	-		20	NO EDP	A-42440-2023	-		20	NO EDP	-	-	-	20	NO EDP	-	-	-	20	NO EDP	-	-	-	20	
	NO EDP	A-42440-22I3	-		22	NO EDP	A-42440-2223	-		22	NO EDP	-	-	-	22	NO EDP	-	-	-	22	NO EDP	-	-	-	22	
	NO EDP	A-42440-24I3	-		24	NO EDP	A-42440-2423	-		24	NO EDP	-	-	-	24	NO EDP	-	-	-	24	NO EDP	-	-	-	24	
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B																										
A																										
lb_frame_C_P_AM_T Rev. F 2009/06/18		12	11	10	9	8	7	6	5	4	3	2	1													
SEE SHEET 1 EC NO: UCP2010-1524 DRWN: JAGUILAR 2011/01/11 CHKD: JBELL 2011/01/11 APPR: FSMITH 2011/02/11		Q2		REV		QUALITY SYMBOLS ▽⇒O ▽⇒O ▽⇒O		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 5 °		DIMENSION STYLE IN/MM DRAWN BY DATE GEP 1989/04/06 CHECKED BY DATE RJF 1989/04/06 APPROVED BY DATE FSMITH 2011/02/11		SCALE 1:1 DESIGN UNITS METRIC		THIRD ANGLE PROJECTION MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION		MOLEX INCORPORATED		DOCUMENT NO. SDA-42440-****		SHEET NO. 5 OF 5						
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								