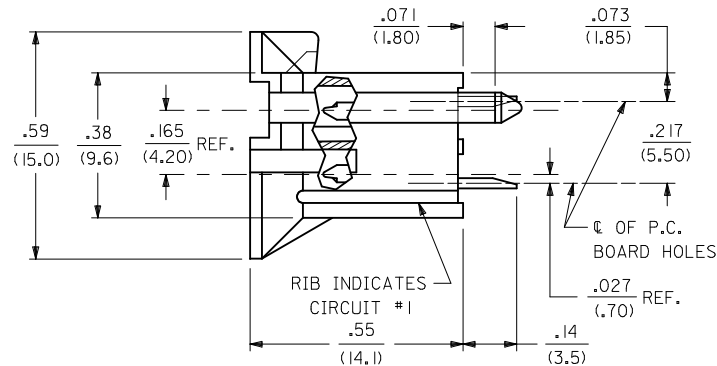
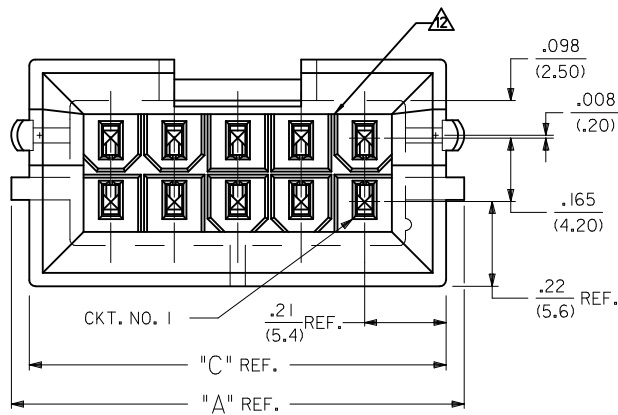
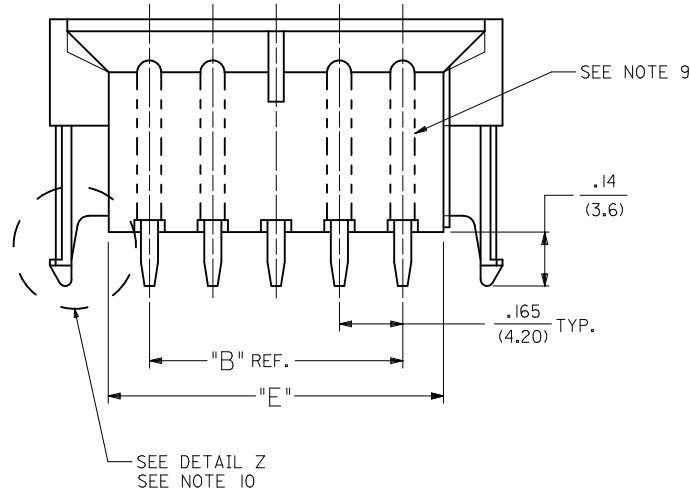
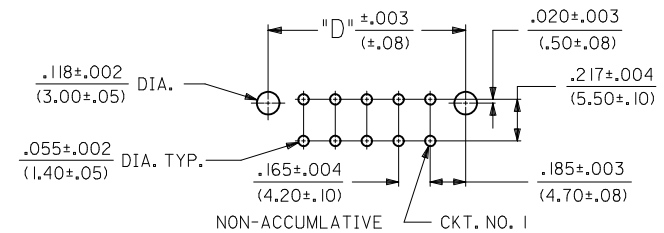


(SCALE: 2X)



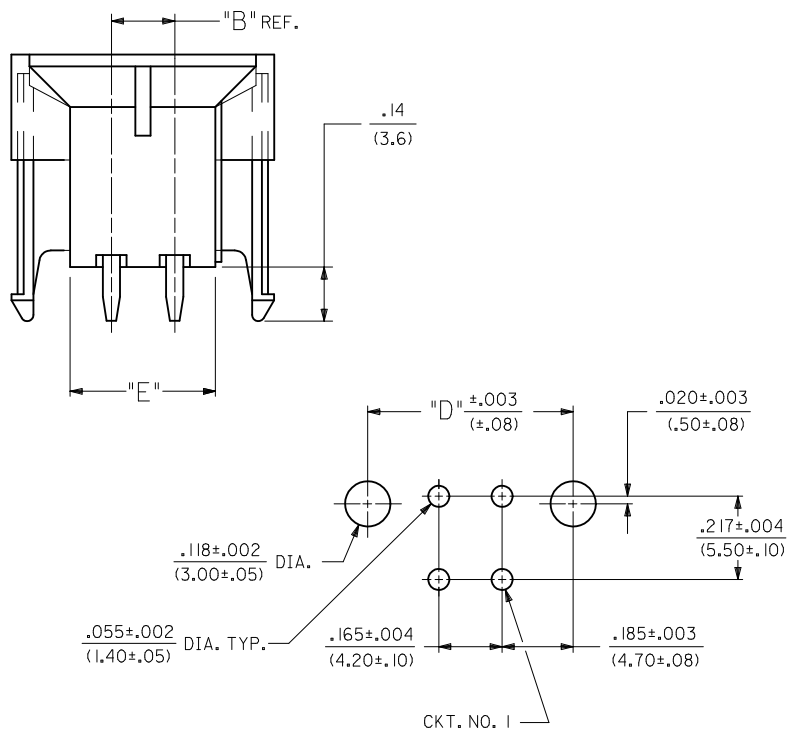
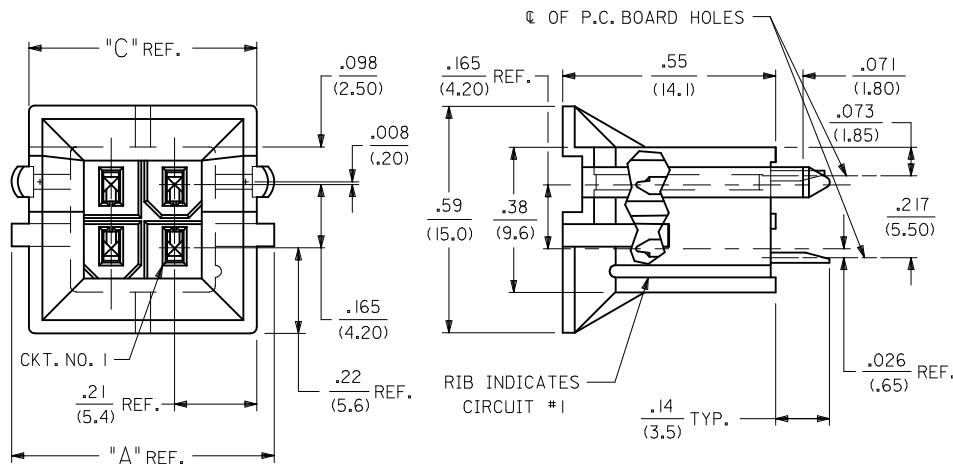
LEGEND:
 A - 42440 - ***
 BASE NUMBER
 CIRCUIT SIZE (02-24)
 PLATING (SEE NOTE 2.)
 HOUSING MAT'L. & OPTIONS (SEE NOTE 1.)



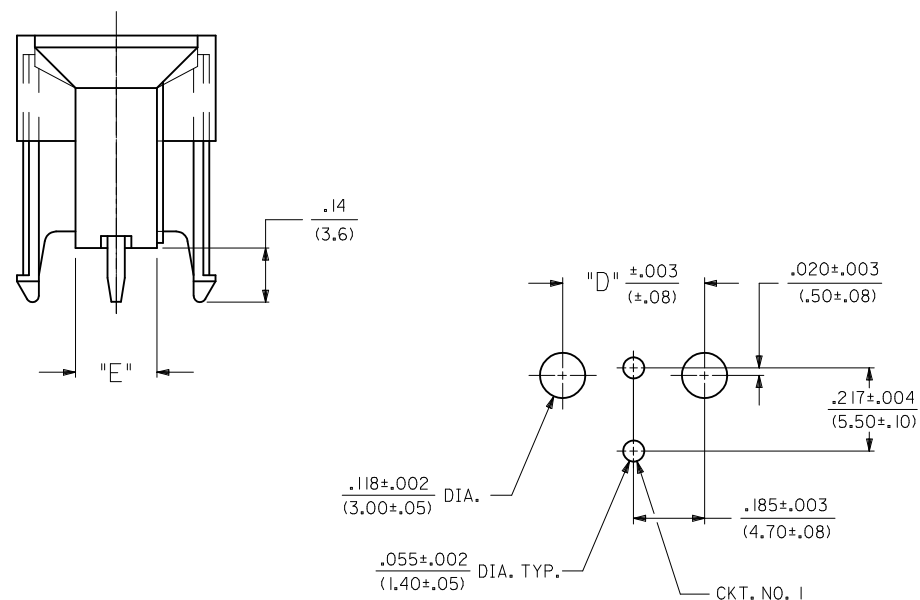
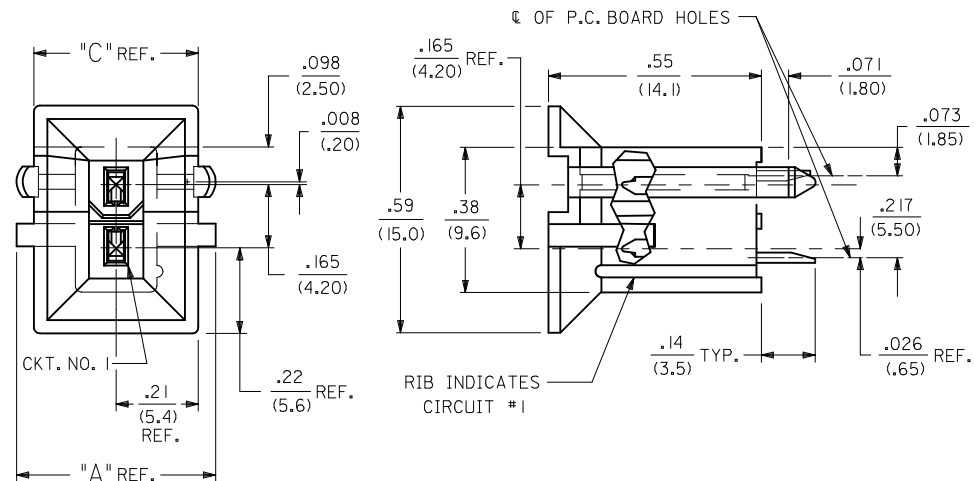
RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD
 (SCALE: 2X)

---	22, ---42	42474---21, 5556-PBGS*P	94V-0	PHOS. BRZ.	GOLD
---	12, ---32	42474---11, 5556-PBGS*P	94V-2		
---	22, ---42, ---23, ---43	42474---21, 5556-GS*P	94V-0	BRASS	GOLD
---	12, ---32, ---13, ---33	42474---11, 5556-GS*P	94V-2		
---	21, ---41	42474---21, 5556-PBS*P	94V-0	PHOS. BRZ.	TIN
---	11, ---31	42474---11, 5556-PBS*P	94V-2		
---	21, ---41	42474---21, 5556-S*P	94V-0	BRASS	TIN
---	11, ---31	42474---11, 5556-S*P	94V-2		
---	22, ---42	A-42385---D2, ---D4	94V-0	PHOS. BRZ.	GOLD
---	12, ---32	A-42385---C2, ---C4	94V-2		
---	22, ---42, ---23, ---43	A-42385---B2, ---B4	94V-0	BRASS	GOLD
---	12, ---32, ---13, ---33	A-42385---A2, ---A4	94V-2		
---	21, ---41	A-42385---D1	94V-0	PHOS. BRZ.	TIN
---	11, ---31	A-42385---C1	94V-2		
---	21, ---41	A-42385---B1	94V-0	BRASS	TIN
---	11, ---31	A-42385---A1	94V-2		
VERT. HEADER A-42440		MATING CONNECTOR	HSG. MAT'L.	TERM. MAT'L.	PLATING
			MATING	CONNECTOR	FEATURES

RMV LEAD FREE PN EC NO: UCP2010-1524 DRWN: JAGUILAR CHKD: JELL APPR: FSMITH 2011/01/11 2011/01/11 2011/02/11	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY GEP	DATE 1989/04/06	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION				
			4 PLACES ± ---	± ---	CHECKED BY RJF	DATE 1989/04/06						
			3 PLACES ± ---	± .010	APPROVED BY FSMITH	DATE 2011/02/11						
			2 PLACES ± 0.25	± .015	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			1 PLACE ± 0.38	± ---	SEE CHART		SDA-42440-****		1 OF 5			
			ANGULAR ± 5 °		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									



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: FSMITH 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 DATE GEP 1989/04/06	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION		
		▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± ---	CHECKED BY DATE RJF 1989/04/06	MOLEX MOLEX INCORPORATED		
		▽=0	ANGULAR ± 5 °	APPROVED BY DATE FSMITH 2011/02/11	DOCUMENT NO. SDA-42440-****		
		REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	SHEET NO. 2 OF 5		
			SIZE C 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

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

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:J JAGUILAR CHKD:JBELL APPR:FSMITH	DESCRIPTION 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				
		  			DRAWN BY GEP	DATE 1989/04/06	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION						
			4 PLACES ± ---	± ---	CHECKED BY R J F	DATE 1989/04/06							
			3 PLACES ± ---	± .010	APPROVED BY FSMITH			DATE 2011/02/11	MOLEX INCORPORATED				
			2 PLACES ± 0.25	± .015									
1 PLACE ± 0.38	± ---	ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.						
Q2		REV	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-2 [NATURAL]				MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-2 [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		
	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		
G		-		-			-		-			-		-			-		-			-		-			
		-		-			-		-			-		-			-		-			-		-			
	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										
	PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS										
F	MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-2 [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		
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	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		
E	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		
	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		
D	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		
		-		-			-		-			-		-			-		-			-		-			
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 REV DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY DATE GEP 1989/04/06 CHECKED BY DATE RJF 1989/04/06 APPROVED BY DATE F.S.MITH 2011/02/11 MATERIAL NO. DOCUMENT NO. SEE CHART SDA-42440-**** THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION SHEET NO. 4 OF 5																											
	12		11		10		9		8		7		6		5		4		3		2		1				

	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	
	NO EDP	A-42440-0213	-		2	NO EDP	A-42440-0223	-		2	NO EDP	-	-		2	NO EDP	-	-		2	NO EDP	-	-		2	
	NO EDP	A-42440-0413	-		4	NO EDP	A-42440-0423	-		4	NO EDP	-	-		4	NO EDP	-	-		4	NO EDP	-	-		4	
	NO EDP	A-42440-0613	-		6	NO EDP	A-42440-0623	-		6	NO EDP	-	-		6	NO EDP	-	-		6	NO EDP	-	-		6	
	NO EDP	A-42440-0813	-		8	NO EDP	A-42440-0823	-		8	NO EDP	-	-		8	NO EDP	-	-		8	NO EDP	-	-		8	
	NO EDP	A-42440-1013	-		10	NO EDP	A-42440-1023	-		10	NO EDP	-	-		10	NO EDP	-	-		10	NO EDP	-	-		10	
	NO EDP	A-42440-1213	-		12	NO EDP	A-42440-1223	-		12	NO EDP	-	-		12	NO EDP	-	-		12	NO EDP	-	-		12	
H	NO EDP	A-42440-1413	-		14	NO EDP	A-42440-1423	-		14	NO EDP	-	-		14	NO EDP	-	-		14	NO EDP	-	-		14	
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	NO EDP	A-42440-2013	-		20	NO EDP	A-42440-2023	-		20	NO EDP	-	-		20	NO EDP	-	-		20	NO EDP	-	-		20	
	NO EDP	A-42440-2213	-		22	NO EDP	A-42440-2223	-		22	NO EDP	-	-		22	NO EDP	-	-		22	NO EDP	-	-		22	
	NO EDP	A-42440-2413	-		24	NO EDP	A-42440-2423	-		24	NO EDP	-	-		24	NO EDP	-	-		24	NO EDP	-	-		24	
		-	-				-	-				-	-				-	-				-	-			
G		-	-				-	-				-	-				-	-				-	-			
F																										
E																										
D																										
C																										
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: J JAGUILAR 2011/01/11 CHKD: J BELL 2011/01/11 APPR: F SMITH 2011/02/11		Q2		REV		QUALITY SYMBOLS ▽⇒0 ▽⇒0 ▽⇒0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 5 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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																								