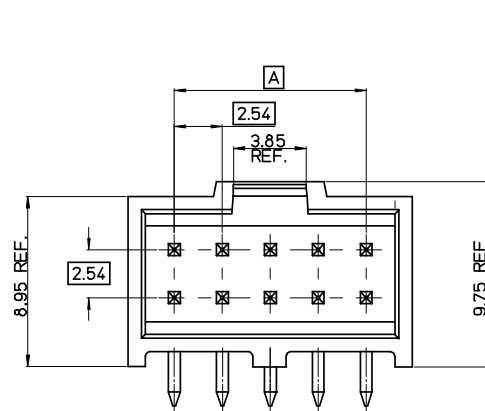
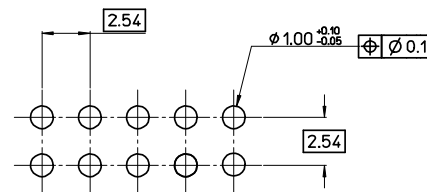
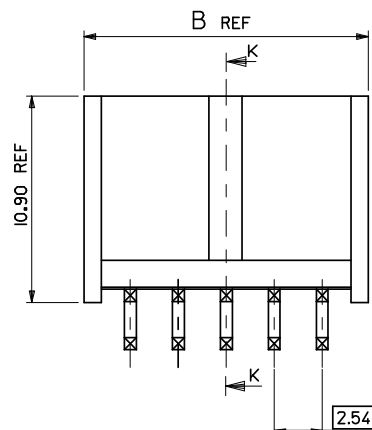
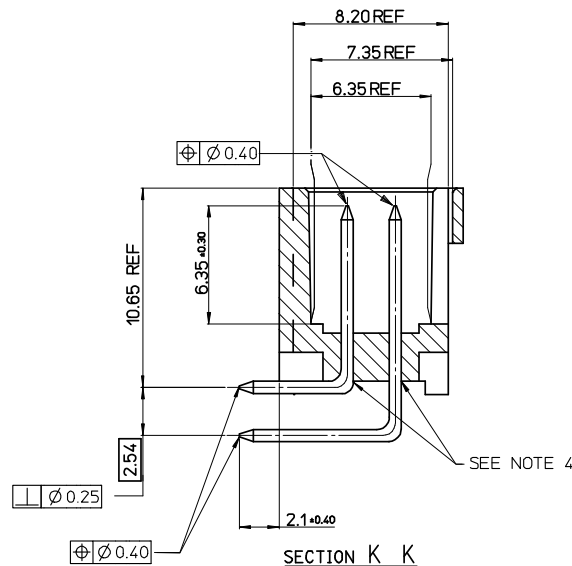




VERSION FULLY LOADED



RECOMENDEC P.C. BOARD
HOLE PATTERN



SECTION K K

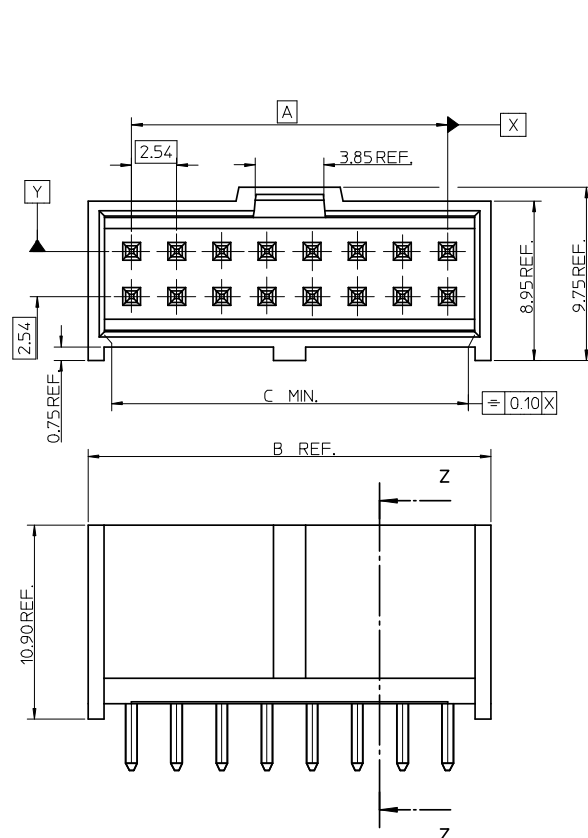
HSG CKT SIZE	PART NUMBER	DIM A	DIM B
6	91814-3106	5.08	9.96
8	91814-3108	7.62	12.50
10	91814-3110	10.16	15.04
12	91814-3112	12.70	17.58
14	91814-3114	15.24	20.12
16	91814-3116	17.78	22.66
18	91814-3118	20.32	25.20
20	91814-3120	22.86	27.74
22	91814-3122	25.40	30.28
24	91814-3124	27.94	32.82
26	91814-3126	30.48	35.36
28	91814-3128	33.02	37.90
30	91814-3130	35.56	40.44
32	91814-3132	38.10	42.98
34	91814-3134	40.64	45.52
36	91814-3136	43.18	48.06
38	91814-3138	45.72	50.60
40	91814-3140	48.26	53.14
42	91814-3142	50.80	55.68
44	91814-3144	53.34	58.22
46	91814-3146	55.88	60.76
48	91814-3148	58.42	63.30
50	91814-3150	60.96	65.84

NOTES:

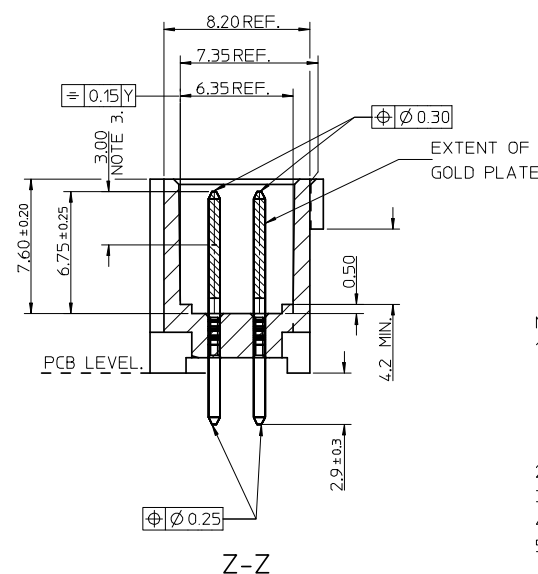
- MATERIAL:
PIN: 0.647 REF SQ. BRASS WIRE.
HOUSING: (PCT) 30% GLASS FILLED POLYESTER UL 94 V-0
COLOUR: BLACK
- PLATING:
TIN 3.04µm MIN. OVER NICKEL.
- PIN RETENTION FORCE 20N MIN. IN BOTH DIRECTIONS.
- HOUSING FLASH PERMISSIBLE IN THIS AREA.
- PRODUCT SPECIFICATION: PS-99020-0001
- PCB THICKNESS 1.6MM

MODIFIED PIN DIM ADDED REF DIMS EC NO: E2008-0144 DRWN:BYRNES 2008/04/10 CHKD:DWALLACE 2008/04/11 APPR:JWALLACE 2008/04/11	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm		INCH		DRAWN BY DATE		TITLE			
			4 PLACES ± --- ± ---		DWASZKIEWICZ 2006/06/15		C-GRID III DUAL ROW R/A PIN SHROUDED HEADER ROHS COMPATIBLE					
			3 PLACES ± --- ± ---		CHECKED BY DATE							
			2 PLACES ± 0.15 ± ---		J DENNEHY 2006/09/29							
			1 PLACE ± 0.25 ± ---		APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
			ANGULAR ± .5 °		J DENNEHY 2006/09/29							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
						SEE CHART		SD-91814-001			1 OF 1	
						SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

CKT SIZE	DIM A	DIM B	DIM C
6	5.08	9.96	8.12
8	7.62	12.50	10.66
10	10.16	15.04	13.20
12	12.70	17.58	15.74
14	15.24	20.12	18.28
16	17.78	22.66	20.82
18	20.32	25.20	23.36
20	22.86	27.74	25.90
22	25.40	30.28	28.44
24	27.94	32.82	30.98
26	30.48	35.36	33.52
28	33.02	37.90	36.06
30	35.56	40.44	38.60
32	38.10	42.98	41.14
34	40.64	45.52	43.68
36	43.18	48.06	46.22
38	45.72	50.60	48.76
40	48.26	53.14	51.30
42	50.80	55.68	53.84
44	53.34	58.22	56.38
46	55.88	60.76	58.92
48	58.42	63.30	61.46
50	60.96	65.84	64.00



RECOMMENDED P.C. BOARD
HOLE LAYOUT



NOTES:

1- MATERIAL:

PIN: 0.647 REF SQ. BRASS WIRE.

HOUSING: GLASS FILLED POLYESTER (PCT) UL 94-V0

COLOUR: BLACK

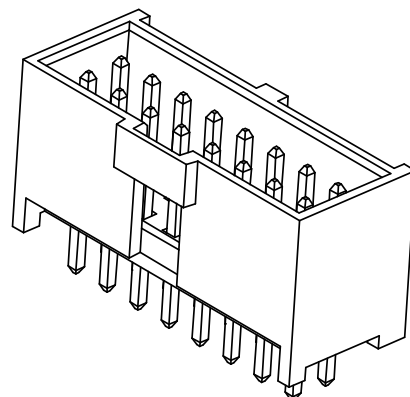
PLATING: SEE SHEET 2

2- PIN RETENTION FORCE 20N IN BOTH DIRECTIONS.

3- MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.

4- RECOMMENDED PCB THICKNESS 1.6mm

5- PRODUCT SPECIFICATION: PS-99020-0001



ORIGINAL EC NO: E2008-0145 DRAWN: DBYRNES CHKD: APPR: WALLACE	REV A	DESCRIPTION 2008/04/10 2008/04/11 2008/04/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE C-GRID III DUAL ROW T/HOLE SHROUDED HEADER ROHS COMPATIBLE					
				mm	INCH	DRAWN BY DBYRNES	DATE 2007/07/26	MOLEX MOLEX INCORPORATED								
				4 PLACES	±---	±---	CHECKED BY EOMAHONY					DATE 2007/07/27				
				3 PLACES	±---	±---	APPROVED BY EOMAHONY					DATE 2007/07/27				
				2 PLACES	±0.15	±---	MATERIAL NO. SD-91814-002									
				1 PLACE	±0.25	±---			DOCUMENT NO. 1 OF 2							
				ANGULAR ±.5 °		SEE CHARTS		SHEET NO. 1 OF 2								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

NO OF CKTS	PART NUMBER		
	PLATING TYPE A	PLATING TYPE B	PLATING TYPE C
6	91814 -1106	91814 -1206	91814 -1306
8	▲ -1108	▲ -1208	▲ -1308
10	▲ -1110	▲ -1210	▲ -1310
12	▲ -1112	▲ -1212	▲ -1312
14	▲ -1114	▲ -1214	▲ -1314
16	▲ -1116	▲ -1216	▲ -1316
18	▲ -1118	▲ -1218	▲ -1318
20	▲ -1120	▲ -1220	▲ -1320
22	▲ -1122	▲ -1222	▲ -1322
24	▲ -1124	▲ -1224	▲ -1324
26	▲ -1126	▲ -1226	▲ -1326
28	▲ -1128	▲ -1228	▲ -1328
30	▲ -1130	▲ -1230	▲ -1330
32	▲ -1132	▲ -1232	▲ -1332
34	▲ -1134	▲ -1234	▲ -1334
36	▲ -1136	▲ -1236	▲ -1336
38	▲ -1138	▲ -1238	▲ -1338
40	▲ -1140	▲ -1240	▲ -1340
42	▲ -1142	▲ -1242	▲ -1342
44	▲ -1144	▲ -1244	▲ -1344
46	▼ -1146	▼ -1246	▼ -1346
48	▼ -1148	▼ -1248	▼ -1348
50	91814 -1150	91814 -1250	91814 -1350

NOTES:
1- FOR ASSY SEE SHEET 1.
2- FOR PLATING DETAILS SEE SDES-99000-0003

ORIGINAL
EC NO: E2008-0145
DRAWN: DBYRNES 2008/04/10
CHKD: 2008/04/11
APPR: J WALLACE 2008/04/11

DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.15 ± ---
1 PLACE ± 0.25 ± ---
ANGULAR ± .5 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
DBYRNES 2007/07/26
CHECKED BY DATE
EOMAHONY 2007/07/27
APPROVED BY DATE
EOMAHONY 2007/07/27
MATERIAL NO.
SIZE A2

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION

C-GRID III DUAL ROW
T/HOLE SHROUDED HEADER
ROHS COMPATIBLE
MOLEX INCORPORATED
SD-91814-002

SHEET NO.
2 OF 2

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

1b_frame_A2_P_AM_T
Rev. E 2006/04/15

12

11

10

9

8

7

6

5

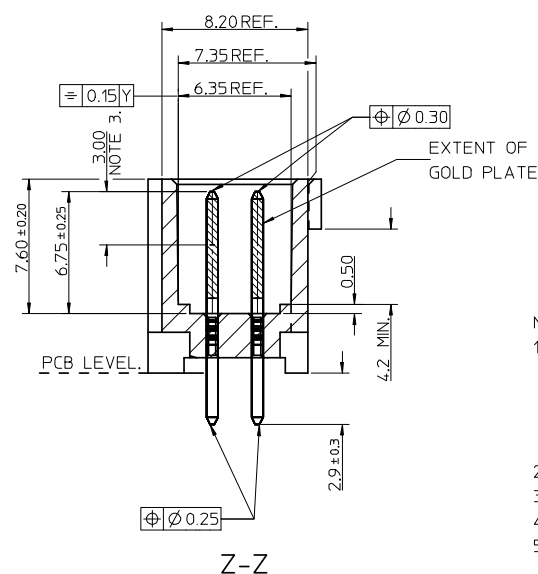
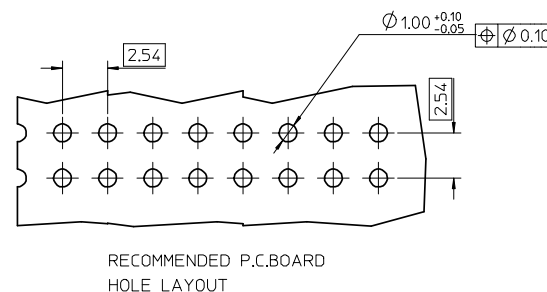
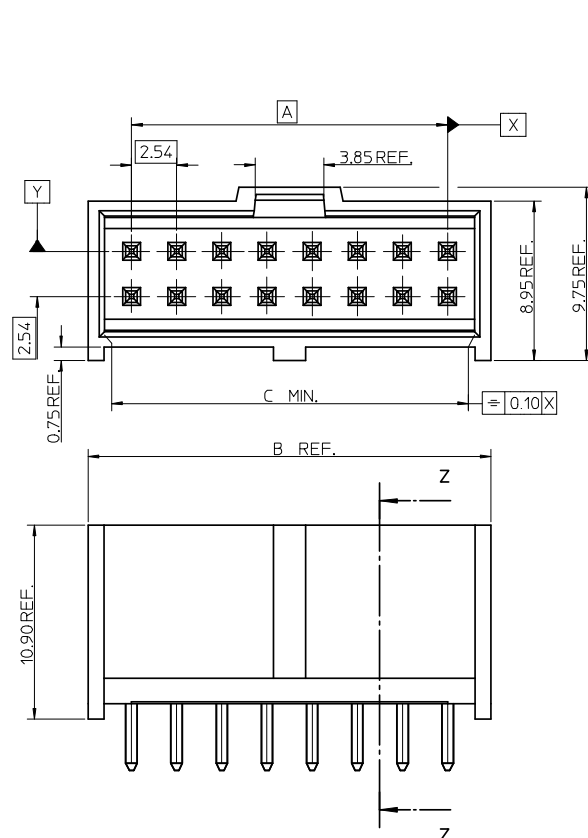
4

3

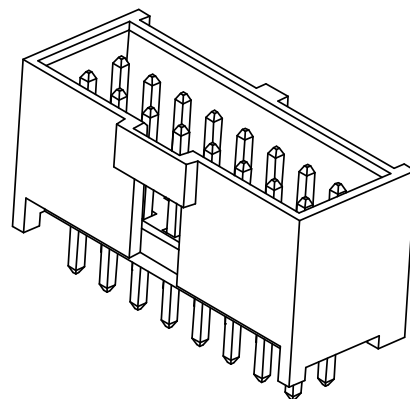
2

1

CKT SIZE	DIM A	DIM B	DIM C
6	5.08	9.96	8.12
8	7.62	12.50	10.66
10	10.16	15.04	13.20
12	12.70	17.58	15.74
14	15.24	20.12	18.28
16	17.78	22.66	20.82
18	20.32	25.20	23.36
20	22.86	27.74	25.90
22	25.40	30.28	28.44
24	27.94	32.82	30.98
26	30.48	35.36	33.52
28	33.02	37.90	36.06
30	35.56	40.44	38.60
32	38.10	42.98	41.14
34	40.64	45.52	43.68
36	43.18	48.06	46.22
38	45.72	50.60	48.76
40	48.26	53.14	51.30
42	50.80	55.68	53.84
44	53.34	58.22	56.38
46	55.88	60.76	58.92
48	58.42	63.30	61.46
50	60.96	65.84	64.00



- NOTES:
- 1- MATERIAL:
PIN: 0.647 REF SQ. BRASS WIRE.
HOUSING: GLASS FILLED POLYESTER (PCT) UL 94-V0
COLOUR: BLACK
PLATING: SEE SHEET 2
 - 2- PIN RETENTION FORCE 20N IN BOTH DIRECTIONS.
 - 3- MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.
 - 4- RECOMMENDED PCB THICKNESS 1.6mm
 - 5- PRODUCT SPECIFICATION: PS-99020-0001



ORIGINAL EC NO: E2008-0145 DRAWN: DBYRNES CHKD: 2008/04/11 APPR: WALLACE 2008/04/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY DBYRNES	DATE 2007/07/26	TITLE C-GRID III DUAL ROW T/HOLE SHROUDED HEADER ROHS COMPATIBLE				
			4 PLACES	± ---	± ---	CHECKED BY EOMAHONY	DATE 2007/07/27	MOLEX INCORPORATED			
			3 PLACES	± ---	± ---	APPROVED BY EOMAHONY	DATE 2007/07/27				
			2 PLACES	± 0.15	± ---	MATERIAL NO. DOCUMENT NO.					
			1 PLACE	± 0.25	± ---					SD-91814-002	
			ANGULAR ± .5 °		SEE CHARTS						
			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 A		SHEET NO. 1 OF 2						
			REV								

NO OF CKTS	PART NUMBER		
	PLATING TYPE A	PLATING TYPE B	PLATING TYPE C
6	91814 -1106	91814 -1206	91814 -1306
8	▲ -1108	▲ -1208	▲ -1308
10	▲ -1110	▲ -1210	▲ -1310
12	▲ -1112	▲ -1212	▲ -1312
14	▲ -1114	▲ -1214	▲ -1314
16	▲ -1116	▲ -1216	▲ -1316
18	▲ -1118	▲ -1218	▲ -1318
20	▲ -1120	▲ -1220	▲ -1320
22	▲ -1122	▲ -1222	▲ -1322
24	▲ -1124	▲ -1224	▲ -1324
26	▲ -1126	▲ -1226	▲ -1326
28	▲ -1128	▲ -1228	▲ -1328
30	▲ -1130	▲ -1230	▲ -1330
32	▲ -1132	▲ -1232	▲ -1332
34	▲ -1134	▲ -1234	▲ -1334
36	▲ -1136	▲ -1236	▲ -1336
38	▲ -1138	▲ -1238	▲ -1338
40	▲ -1140	▲ -1240	▲ -1340
42	▲ -1142	▲ -1242	▲ -1342
44	▲ -1144	▲ -1244	▲ -1344
46	▼ -1146	▼ -1246	▼ -1346
48	▼ -1148	▼ -1248	▼ -1348
50	91814 -1150	91814 -1250	91814 -1350

NOTES:
1- FOR ASSY SEE SHEET 1.
2- FOR PLATING DETAILS SEE SDES-99000-0003

ORIGINAL EC NO: E2008-0145 DRAWN: DBYRNES CHKD: APPR: J WALLACE	2008/04/10 2008/04/11 2008/04/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm	INCH	DRAWN BY DBYRNES	DATE 2007/07/26	TITLE C-GRID III DUAL ROW T/HOLE SHROUDED HEADER ROHS COMPATIBLE				
				4 PLACES	± ---	± ---	CHECKED BY EOMAHONY	DATE 2007/07/27					
				3 PLACES	± ---	± ---	APPROVED BY EOMAHONY		DATE 2007/07/27	MOLEX MOLEX INCORPORATED			
				2 PLACES	± 0.15	± ---	MATERIAL NO.		DOCUMENT NO.				SHEET NO. 2 OF 2
				1 PLACE	± 0.25	± ---	SEE CHART		SD-91814-002				
				ANGULAR ± .5 °			SIZE A2		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									
				A									
				REV									