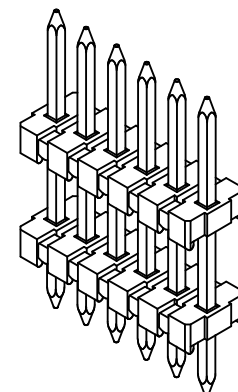
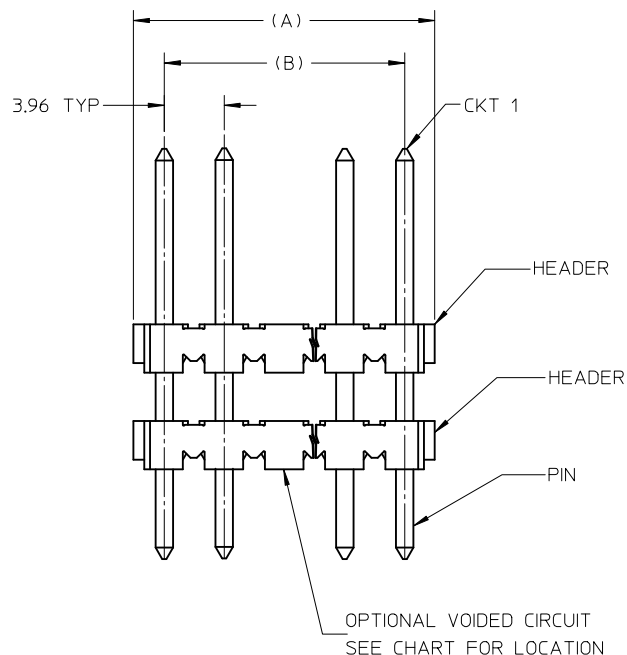
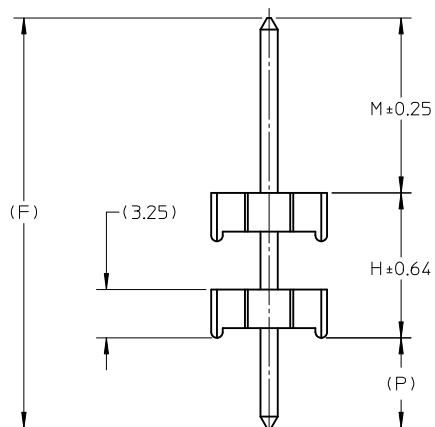


PCB LAYOUT : COMPONENT SIDE
RECOMMENDED PCB THICKNESS : 1.57



6 CKT ISO SHOWN
FOR REF. ONLY

CKT SIZE	A	B
4	15.26	11.89
5	19.22	15.85
6	23.18	19.81
7	27.14	23.77
8	31.11	27.74
9	35.07	31.70
10	39.03	35.66
11	42.99	39.62
12	46.96	43.59
13	50.92	47.55
14	54.88	51.51
15	58.84	55.47
16	62.81	59.44
17	66.77	63.40
18	70.73	67.36
19	74.69	71.32
20	78.66	75.29
21	82.62	79.25
22	86.58	83.21
23	90.54	87.17
24	94.49	91.14

NOTES :

1. MATERIAL :

HOUSING : POLYESTER, UL94V-0, COLOR : BLACK

PIN : 1.14MM SQ PIN BRASS.

2. FINISH :

(1) : 5.08µm MIN TIN OVER 2.54µm MIN COPPER OVERALL.

(2) : 0.38µm MIN GOLD OVER 1.25µm MIN NICKEL OVERALL.

(3) : 2.50µm MIN TIN OVER 1.25µm MIN NICKEL OVERALL.

(4) : 0.38µm MIN GOLD OVER

2.50µm MIN TIN OVER

1.25µm MIN NICKEL OVERALL.

3. PRODUCT SPECIFICATION : PS-68340-014.

4. PARTS ARE NOT STACKABLE ON 3.96MM CENTERS.

REVISED EC NO: S2010-0518 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/21 2010/01/08 2010/01/09	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY DATE		TITLE CUSTOM HEADER 3.96MM BREAKAWAY SINGLE ROW / DUAL BODY MOLEX INCORPORATED				
			4 PLACES	± --- ± ---	SKANG 2009/06/15						
			3 PLACES	± --- ± ---	CHECKED BY DATE						
			2 PLACES	± 0.25 ± ---	ATSEE 2009/06/26						
			1 PLACE	± --- ± ---	APPROVED BY DATE		MOLEX MOLEX INCORPORATED				
			ANGULAR ±1/2°		MLONG 2010/01/08						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE TABLE							
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10

9

8

7

6

5

4

3

2

1

F

E

D

C

B

A

MATERIAL
NUMBER

87447-0001

PLATING
REFERENCE

4

DIM F
PIN
LENGTH

43.18

DIM M
LENGTH

22.23

DIM H
HEADER
SPACING

15.87

DIM P
P.C.
LENGTH

5.08

CKT
SIZE

4

VOIDED
CKT NO.

3

PACK PER

ES-41679-A1

REVISED

EC NO: S2010-0518

2009/12/21

DRWN:SKANG

2010/01/08

CHKD:ATSEE

2010/01/09

APPR:MLONG

DESCRIPTION

REV

QUALITY
SYMBOLS

▽=0

◻=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm

INCH

4 PLACES

± ---

± ---

3 PLACES

± ---

± ---

2 PLACES

± 0.25

± ---

1 PLACE

± ---

± ---

ANGULAR

± 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

SKANG

2009/06/15

CHECKED BY

DATE

ATSEE

2009/06/26

APPROVED BY

DATE

MLONG

2010/01/08

SCALE

NTS

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

TITLE

CUSTOM HEADER
3.96MM BREAKAWAY
SINGLE ROW / DUAL BODY

molex

MOLEX INCORPORATED

MATERIAL NO.

SEE TABLE

DOCUMENT NO.

SD-87447-001

SHEET NO.

2 OF 2

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

fb_frame_A3_P_AM_T

Rev. E 2006/04/15

9

8

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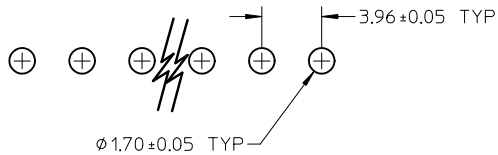
E

D

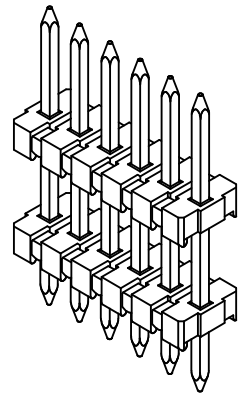
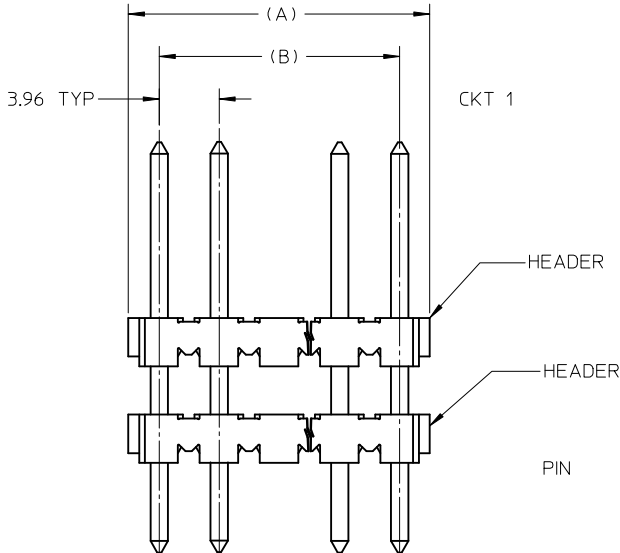
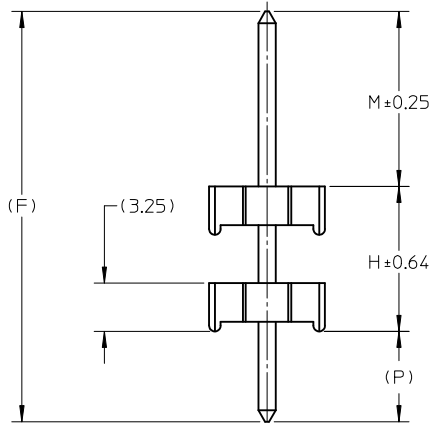
C

B

A



PCB LAYOUT : COMPONENT SIDE
RECOMMENDED PCB THICKNESS : 1.57



6 CKT ISO SHOWN
FOR REF. ONLY

CKT SIZE	A	B
4	15.26	11.89
5	19.22	15.85
6	23.18	19.81
7	27.14	23.77
8	31.11	27.74
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15	58.84	55.47
16	62.81	59.44
17	66.77	63.40
18	70.73	67.36
19	74.69	71.32
20	78.66	75.29
21	82.62	79.25
22	86.58	83.21
23	90.54	87.17
24	94.89	91.14

NOTES :

1. MATERIAL :
HOUSING : POLYESTER, UL94V-0, COLOR : BLACK
PIN : 1.14MM SQ PIN BRASS.
2. FINISH :
(1) : 5.08µm MIN TIN OVER 2.54µm MIN COPPER OVERALL.
(2) : 0.38µm MIN GOLD OVER 1.25µm MIN NICKEL OVERALL.
(3) : 2.50µm MIN TIN OVER 1.25µm MIN NICKEL OVERALL.
(4) : 0.38µm MIN GOLD ON CONTACT AND 2.50µm MIN TIN ON SOLDER TAIL OVER 1.25µm MIN NICKEL OVERALL.
3. PRODUCT SPECIFICATION : PS-68340-014.
4. PARTS ARE NOT STACKABLE ON 3.96MM CENTERS.
5. PARTS TO BE PACKED PER ES-41679-A1.

OPTIONAL VOIDED CIRCUIT
SEE CHART FOR LOCATION

INITIAL RELEASE		EC NO: S2010-0876		DRWN:SKANG 2010/04/23		CHKD:ATSEE 2010/04/28		APPR:MLONG 2010/05/06		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
A		REV										F _A =0		4 PLACES		mm		INCH		DRAWN BY SKANG		DATE 2010/04/23		CUSTOM HEADER 3.96MM BREAKAWAY SINGLE ROW / DUAL BODY MOLEX INCORPORATED	
												F _C =0		3 PLACES		± ---		± ---		CHECKED BY ATSEE		DATE 2010/04/28			
												F _P =0		2 PLACES		± 0.25		± ---		APPROVED BY		DATE 2010/05/05			
														1 PLACE		± ---		± ---							
												ANGULAR ±1/2°		MLONG		2010/05/05		molex							
														DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SD-87447-002		SHEET NO. 1 OF 2			
																SIZE A3		SEE TABLE							
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									

4	3		2		1	
MATERIAL NUMBER	CKT SIZE	DIM F PIN LENGTH	DIM M LENGTH	DIM H HEADER SPACING	DIM P P.C. LENGTH	VOIDED CKT NO.
87447-0903	9	60.33	25.40	31.75	3.18	-
87447-1002	10	46.03	20.37	22.23	3.43	-
87447-1012	10	66.68	21.97	41.28	3.43	-
87447-1503	15	60.33	25.40	31.75	3.18	-

PART NO. LEGEND

87447-xx xx

CIRCUIT SIZE

PLATING OPTION

- 1 : 5.08μm MIN TIN OVER 2.54μm MIN COPPER OVERALL.
2 : 0.38μm MIN GOLD OVER 1.25μm MIN NICKEL OVERALL.
3 : 2.50μm MIN TIN OVER 1.25μm MIN NICKEL OVERALL.
4 : 0.38μm MIN GOLD ON CONTACT AND
2.50μm MIN TIN ON SOLDER TAIL OVER
1.25μm MIN NICKEL OVERALL.

INITIAL RELEASE EC NO: S2010-0876 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2010/04/23 2010/04/28 2010/05/06	DESCRIPTION	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY SKANG	DATE 2010/04/23	TITLE CUSTOM HEADER 3.96MM BREAKAWAY SINGLE ROW / DUAL BODY MOLEX MOLEX INCORPORATED				
				4 PLACES ±---	±---	CHECKED BY ATSEE	DATE 2010/04/28					
				3 PLACES ±---	±---	APPROVED BY	DATE					
				2 PLACES ±0.25	±---	MLONG	2010/05/05	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
				1 PLACE ±---	±---	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87447-002
A	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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