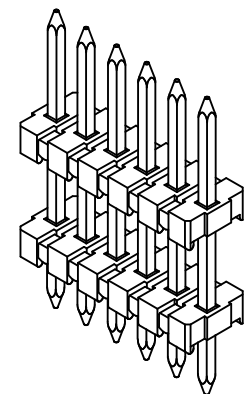
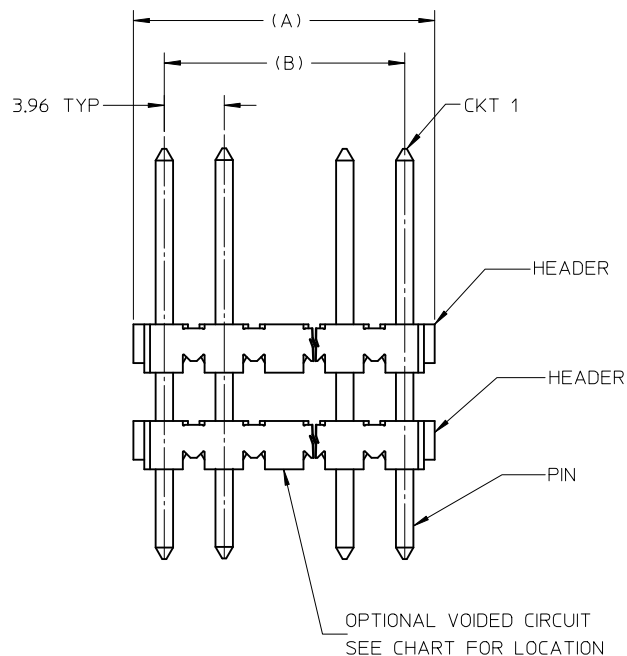
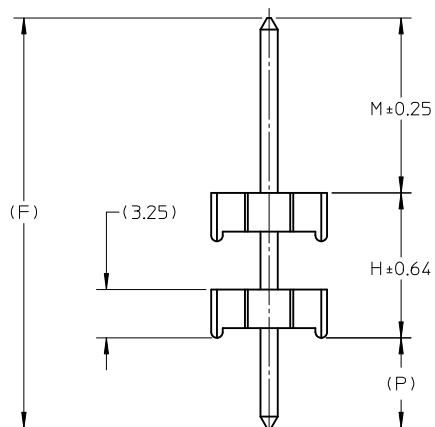


PCB LAYOUT : COMPONENT SIDE
RECOMMENDED PCB THICKNESS : 1.57



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 A1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY SKANG	DATE 2009/06/15	TITLE CUSTOM HEADER 3.96MM BREAKAWAY SINGLE ROW / DUAL BODY  MOLEX INCORPORATED SD-87447-001				
			4 PLACES	± ---	± ---	CHECKED BY ATSEE	DATE 2009/06/26					
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/01/08					
			2 PLACES	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			1 PLACE	± ---	± ---	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ±1/2°		SEE TABLE							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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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

SIZE

A3

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

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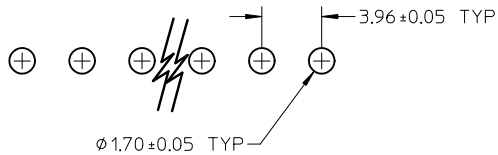
E

D

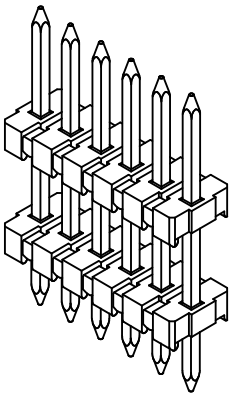
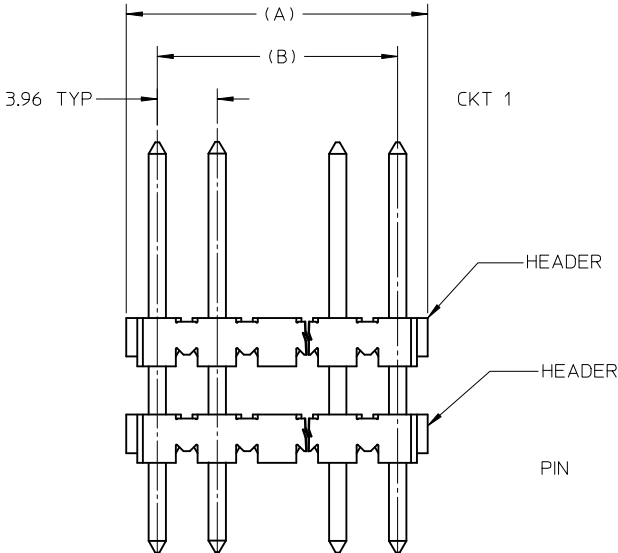
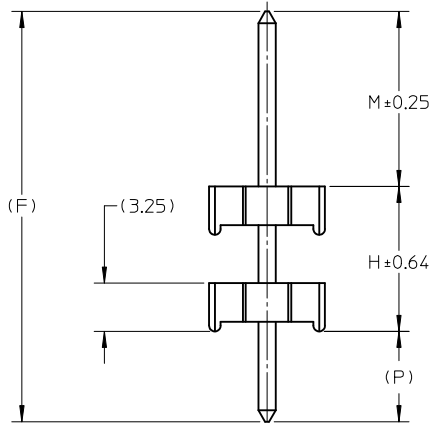
C

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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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 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0 F _C =0 F _P =0		F _A =0	

PART NO. LEGEND

87447-*** **
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.

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	-

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