

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0353620650

Status:

Active

Overview:

sherlock

Description:

2.00mm (.079") Pitch Sherlock™ Wire-to-Board Header, Vertical, with Positive Lock, 6 Circuits, with Kinked PC Tails, Natural

Documents:

3D Model

Drawing (PDF)

Product Specification PS-35507-003 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	35362
Application	Wire-to-Board
MolexKits	Yes
Overview	sherlock
Product Name	Sherlock™

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.335 In
Mated Height (mm)	8.50 mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.130 In
PC Tail Length (mm)	3.30 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No

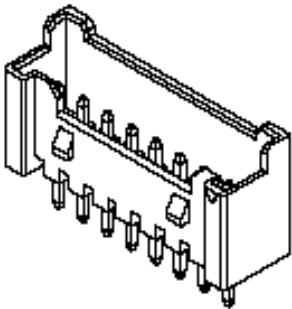


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

35362Series

Mates With

35507 Sherlock™ Wire-to-Board Housing

Use With

502128000 Terminal

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V

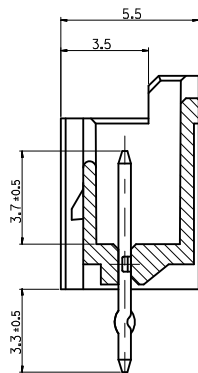
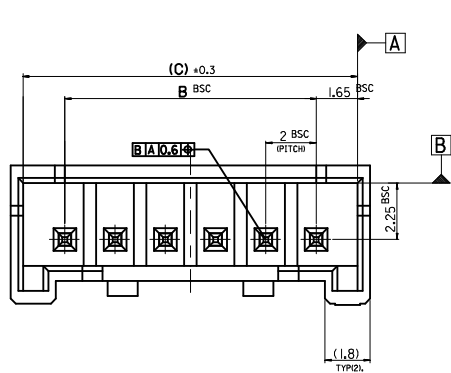
Material Info

Reference - Drawing Numbers

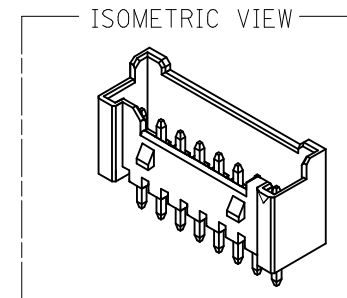
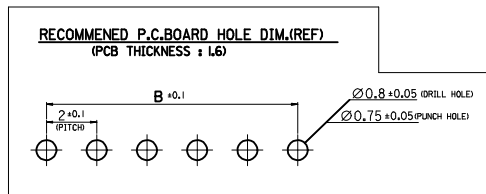
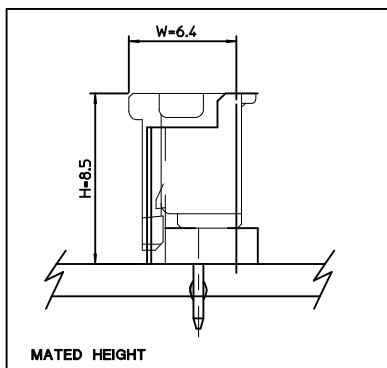
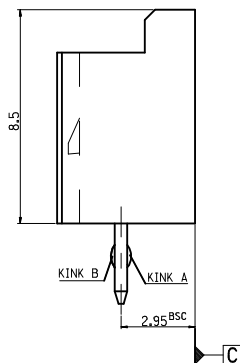
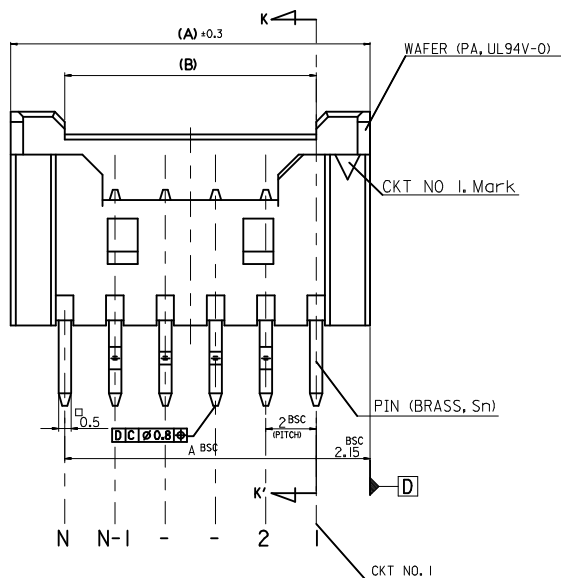
Packaging Specification	PK-35362-002
Product Specification	PS-35507-003, RPS-35507-005, RPS-35507-007, RPS-35507-009
Sales Drawing	SD-35362-002, SD-35362-003

This document was generated on 06/07/2010

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SECTION K-K'



LEGEND

SD-35362-****

CKT NO. _____ COLOR _____

FINAL GOOD (BULK) 5 : SELECTIVE KINK (LEAD FREE)
6 : NONE KINK (LEAD FREE)

SUB ASSY (TUBE) 7 : SELECTIVE KINK (LEAD FREE)
8 : NONE KINK (LEAD FREE)

0 : NATURAL
1 : BLACK
2 : RED
3 : YELLOW
4 : BLUE
5 : GREEN
6 : TUBE PACKING (Natural Color)
7 : TUBE PACKING (Red Color)
8 : TUBE PACKING (Blue Color)

NOTES

- MATERIAL : UNFILLED POLYAMIDE, UL94V-0
PIN : BRASS . TIN PLATED
- FINISHES : TERMINAL : Sn 2.3um OVERALL
- PRODUCT SPECIFICATION : PS-35507-003
- MATING HOUSING : 35507-***0
MATING TERMINAL : 50212-8000
- KINK

CKT	CKT NO	1	2	3	4	5	N-2	N-1	N
6 CKT OVER		-	A	B	-	-	B	A	-
5 CKT		A	B	-	B	A			
4 CKT		A	B	B	A				

31.3	28	32.3	3536215**	35362-15**	15
29.3	26	30.3	3536214**	35362-14**	14
27.3	24	28.3	3536213**	35362-13**	13
25.3	22	26.3	3536212**	35362-12**	12
23.3	20	24.3	3536211**	35362-11**	11
21.3	18	22.3	3536210**	35362-10**	10
19.3	16	20.3	3536209**	35362-09**	9
17.3	14	18.3	3536208**	35362-08**	8
15.3	12	16.3	3536207**	35362-07**	7
13.3	10	14.3	3536206**	35362-06**	6
11.3	8	12.3	3536205**	35362-05**	5
9.3	6	10.3	3536204**	35362-04**	4
(C)	B	(A)	ENG. NO.	ENG. NO.	CKT

LEAD FREE	
30 over	±0.3
10 over 30 under	±0.25
10 under	±0.2
ANGLE	±3°
GENERAL TOLERANCE	

REVISED
EC NO: KOR2009-0123
DRWN:HJEONG
CHKD:YSOOKIM
APPR:YUNS IKKIM

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR	±---°	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY YSOOKIM DATE 1996/09/11

CHECKED BY YSOOKIM DATE 1996/09/11

APPROVED BY CWLEE DATE 1996/09/11

MATERIAL NO. SEE TABLEE

SIZE A3

SCALE 5:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

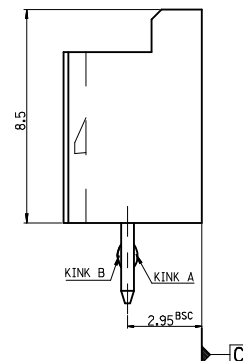
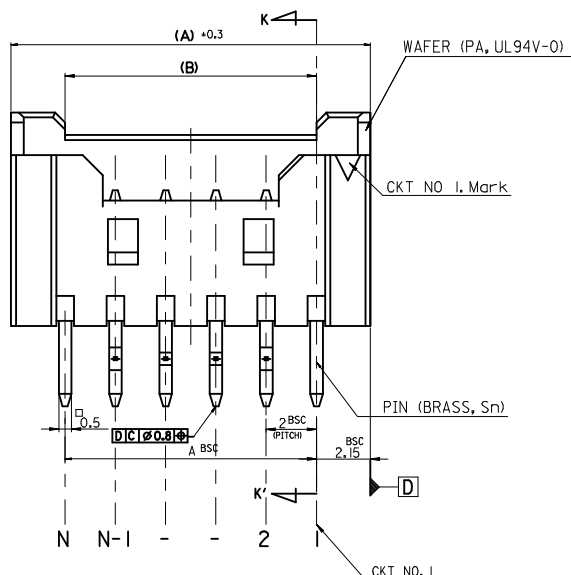
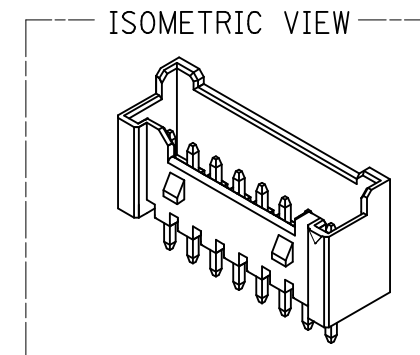
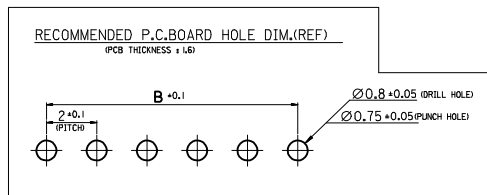
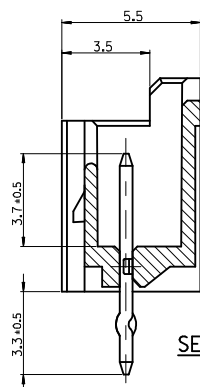
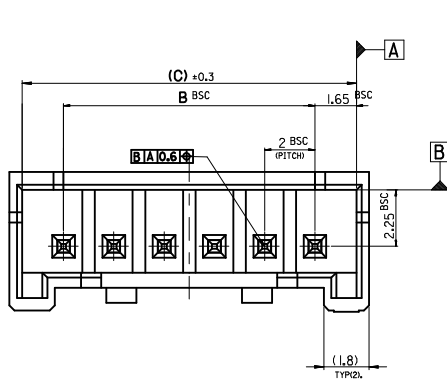
2.0 W/B WAFER ASS'Y
-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO. SD-35362-002

SHEET NO. 1 OF 3

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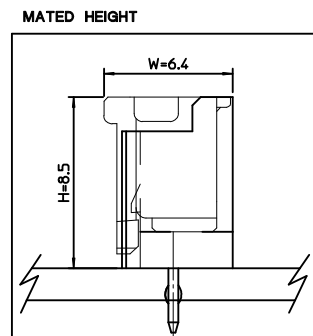
LEGEND	
SD-35362-***	
CKT NO.	COLOR
FINAL GOOD (BULK)	5 : SELECTIVE KINK (LEAD FREE)
SUB ASSY (TUBE)	6 : NONE KINK (LEAD FREE)
	7 : SELECTIVE KINK (LEAD FREE)
	8 : NONE KINK (LEAD FREE)
	0 : NATURAL
	1 : BLACK
	2 : RED
	3 : YELLOW
	4 : BLUE
	5 : GREEN
	6 : TUBE PACKING (Natural Color)
	7 : TUBE PACKING (Red Color)
	8 : TUBE PACKING (Blue Color)

NOTES

- MATERIAL : WAFER : UNFILLED POLYAMIDE, UL94V-0
PIN : BRASS
- FINISHES : TERMINAL : Sn 2.3um OVERALL
- PRODUCT SPECIFICATION : PS-35507-003
- MATING HOUSING : 35507-***0*
MATING TERMINAL : 50212-8000
- KINK

CKT	CKT NO	1	2	3	-	-	N-2	N-1	N
16±20	CKT	-	A	B	-	-	B	A	-

41.3	38	42.3	3536220**	35362-20**	20
39.3	36	40.3	3536219**	35362-19**	19
37.3	34	38.3	3536218**	35362-18**	18
35.3	32	36.3	3536217**	35362-17**	17
33.3	30	34.3	3536216**	35362-16**	16
(C)	B	(A)	MATERIAL NO.	ENG. NO.	CKT



LEAD FREE	
30 over	±0.3
10 over 30 under	±0.25
10 under	±0.2
ANGLE	±3°
GENERAL TOLERANCE	

REVISED
EC NO: KOR2009-0123
DRWN:HJEONG 2009/03/09
CHKD:YSOOKIM 2009/03/10
APPR:YUNS IKKIM 2009/03/11

QUALITY SYMBOLS
▽=0
△=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR	±---	°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY
YSOOKIM

CHECKED BY
JKOH

APPROVED BY
CWLEE

MATERIAL NO.

DATE
1996/09/11

DATE
1996/09/11

DATE
1996/09/11

DATE
1996/09/11

SCALE
5:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

2.0 W/B WAFER ASS'Y
-LEAD FREE-

MOLEX MOLEX INCORPORATED

DOCUMENT NO.
SD-35362-002

SHEET NO.
3 OF 3

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F

E

D

C

B

A

F

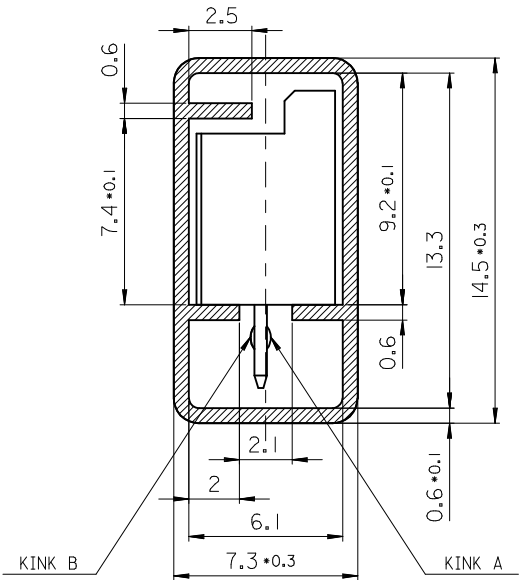
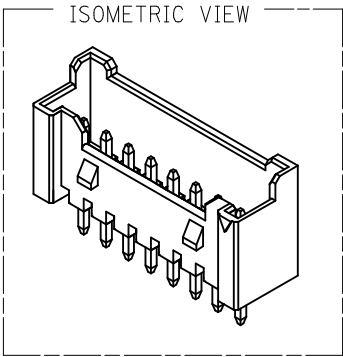
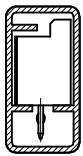
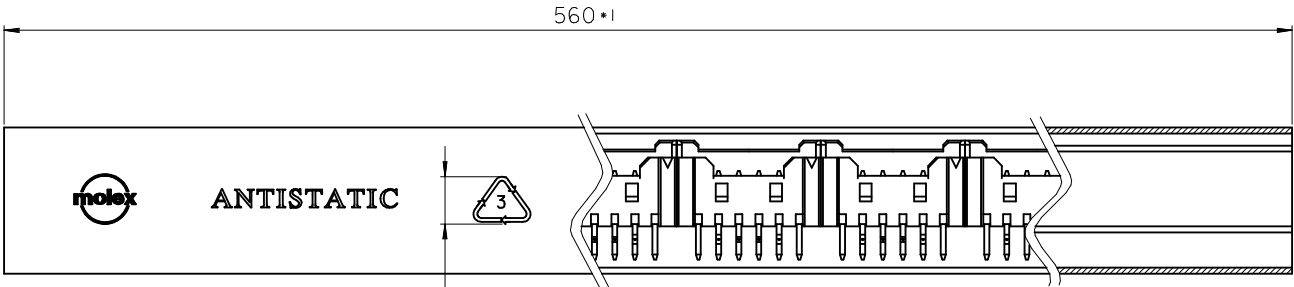
E

D

C

B

A



KINK TABLE(FOR 35362-****)

CKT NO	1	2	3	4	5	N-2	N-1	N
6 CKT OVER	-	A	B	-	-	B	A	-
5 CKT	A	B	-	B	A			
4 CKT	A	B	B	A				
3 CKT	A	B	A					
2 CKT	-							

** 35362-0287 IS ONLY KINKED 2P

CKT NO	1	2
PRODUCT NO.	A	B
35362-0287	A	B

LEGEND.

2-20 Circuits-**CKT NO.**

Final GOOD (Bulk) 5 : SELECTIVE KINK
6 : NONE KINK

Sub Assy (Tube) 7 : SELECTIVE KINK
8 : NONE KINK

COLOR & PACKING

0 : NATURAL
1 : BLACK
2 : RED
3 : YELLOW
4 : BLUE
5 : GREEN
6 : TUBE PACKING (Natural Color)
7 : TUBE PACKING (RED Color)
8 : TUBE PACKING (BLUE Color)

NOTES

1. MATERIAL : TUBE - TRANSLUCENT P.V.C (P-1000)
Wafer - POLYAMIDE, UL94V-0
PIN - BRASS SQ 0.5mm
2. BOW(CAMBER): 1.0mm MAX/Total Length
3. DIMENSIONS GIVEN ACROSS CENTER LINES ARE SYMMETRICAL ABOUT THOSE CENTER LINES WITH HALF THE TOTAL LENGTH.
4. TOTAL TUBE LENGTH : 560mm ± 1mm
5. TWIST : 5° MAX./Total Length
6. BURRS : 0.2mm MAX.
7. SKEW : PRODUCTS MUST BE FLOWED SMOOTHLY WHEN THIS STICK IS PLACES 30° ANGLE.
8. THICKNESS : 0.6mm ± 0.1mm
9. ARTWORK : PER E-35900-0434 (SILK SCREEN COLOR : RED)
10. APPLICABLE STOPPER(RUBBER) : 35900-0435

TABLE

10	20**	-20**	20
10	19**	-19**	19
10	18**	-18**	18
10	17**	-17**	17
15	16**	-16**	16
15	15**	-15**	15
15	14**	-14**	14
15	13**	-13**	13
15	12**	-12**	12
20	11**	-11**	11
20	10**	-10**	10
25	09**	-09**	9
25	08**	-08**	8
30	07**	-07**	7
35	06**	-06**	6
40	05**	-05**	5
50	04**	-04**	4
60	03**	-03**	3
70	3536202**	35362-02**	2
QT'y	Material NO.	ENG. NO.	CKT

REVISED EC NO: KOR2009-0123 DRWN: HJEONG CHKD: YSOOK IM APPR: YUNSIKK IM	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY YSOOK IM		DATE 2000/12/11	TITLE 2.0 W/B WAFER ASS'Y TUBE PACKING -LEAD FREE-		
				CHECKED BY JKOH		DATE 2000/12/11	MOLEX INCORPORATED		
				APPROVED BY CWLEE		DATE 2000/12/11	DOCUMENT NO. SD-35362-003		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1°		SEE TABLE		SHEET NO. 1 OF 1			
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

LEAD FREE