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Part Number:

0353621850

Status:

Active

Overview:

sherlock

Description:

2.00mm (.079") Pitch Sherlock™ Wire-to-Board Header, Vertical, with Positive Lock, 18 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

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

35362

Wire-to-Board

sherlock

Sherlock™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

No

18

18

Natural

30

No

94V-0

No

No

None

Yes

0.335 In

8.50 mm

Tin

Tin

Nylon

1

Vertical

0.130 In

3.30 mm

No

Yes

0.062 In

1.60 mm

Bag

0.079 In

2.00 mm

0.079 In

2.00 mm

Yes

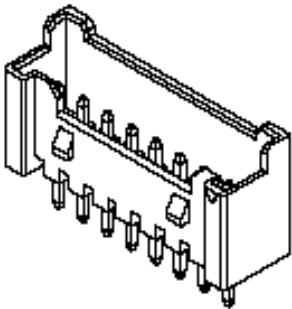
No

Partial

No

No

-40°C to +105°C



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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

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

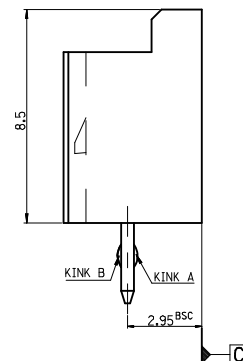
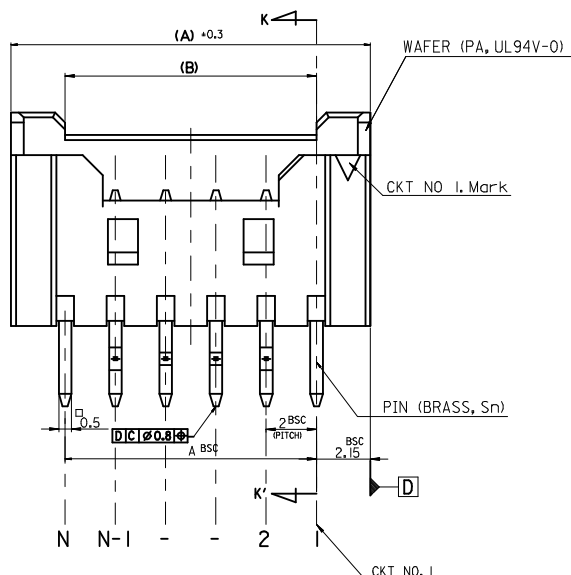
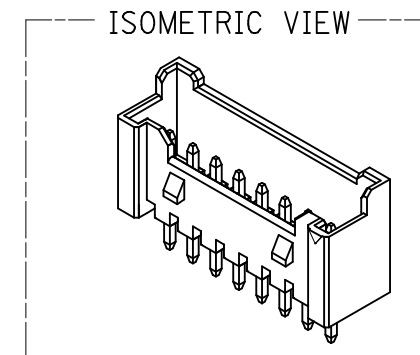
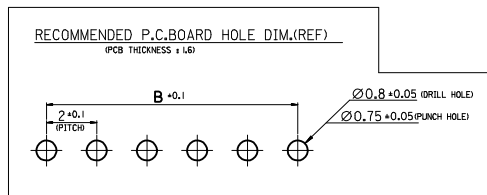
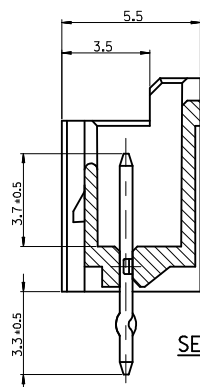
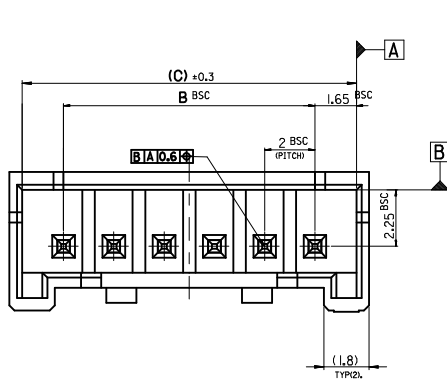
PS-35507-003, RPS-35507-005, RPS-35507-007

Sales Drawing

SD-35362-002, SD-35362-003

This document was generated on 05/24/2010

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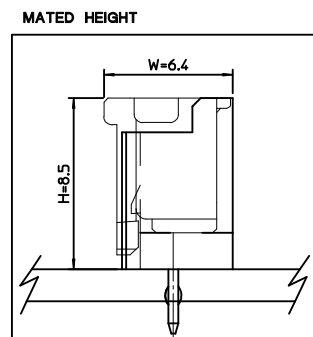
LEGEND	
SD-35362-****	
CKT NO.	COLOR
FINAL GOOD (BULK)	5 : SELECTIVE KINK (LEAD FREE)
SUB ASSY (TUBE)	6 : NONE KINK (LEAD FREE)
	7 : SELECTIVE KINK (LEAD FREE)
	8 : NONE KINK (LEAD FREE)
	0 : NATURAL
	1 : BLACK
	2 : RED
	3 : YELLOW
	4 : BLUE
	5 : GREEN
	6 : TUBE PACKING (Natural Color)
	7 : TUBE PACKING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

DOCUMENT NO.
SD-35362-002

SHEET NO.
3 OF 3

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F

E

D

C

B

A

F

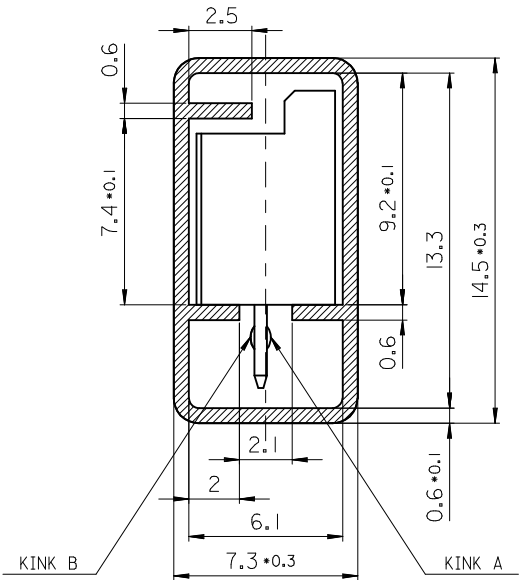
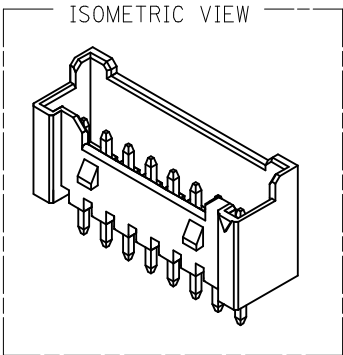
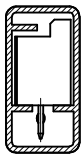
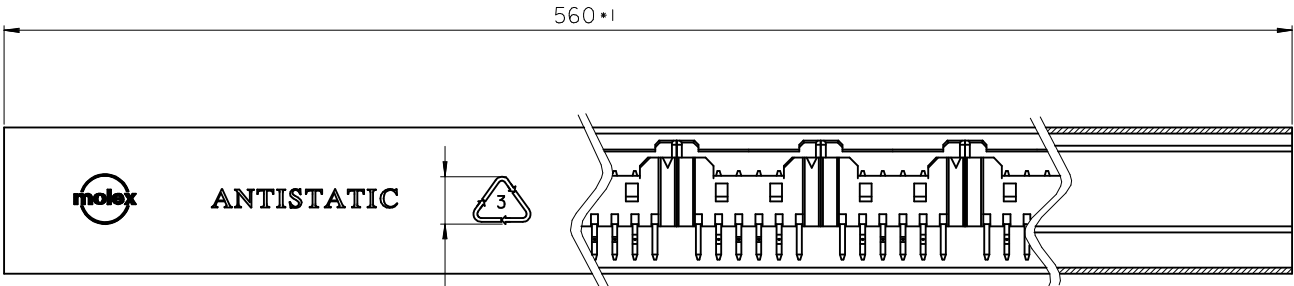
E

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.

E-35362-*** * *

2-20 Circuits-CKT NO.

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

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

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 2009/03/09 CHKD:YSOOK IM 2009/03/10 APPR:YUNSIKK IM 2009/03/11	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1 °	DIMENSION STYLE MM ONLY DRAWN BY YSOOK IM DATE 2000/12/11 CHECKED BY JKOH DATE 2000/12/11 APPROVED BY CWLEE DATE 2000/12/11 MATERIAL NO.	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE 2.0 W/B WAFER ASS'Y TUBE PACKING -LEAD FREE-	MOLEX INCORPORATED	DOCUMENT NO. SD-35362-003	SHEET NO. 1 OF 1

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SIZE A3

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LEAD FREE