

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0353630660

Status:

Active

Overview:

sherlock

Description:

2.00mm (.079") Pitch Sherlock™ Wire-to-Board Header, Right Angle, with Positive Lock, 6 Circuits, Lead-free, White

Documents:

3D Model

Drawing (PDF)

Product Specification PS-35507-003 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

MolexKits

Overview

Product Name

PCB Headers

35363

Wire-to-Board

Yes

sherlock

Sherlock™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

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)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

6

6

Natural

30

No

No

No

None

Yes

Tin

Tin

Nylon

1

Right Angle

0.126 In

3.20 mm

No

Yes

0.062 In

1.60 mm

Bag

0.079 In

2.00 mm

Yes

No

Partial

No

No

-40°C to +105°C

Through Hole

Electrical

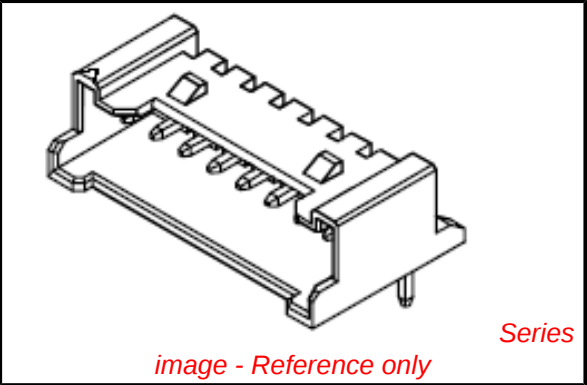
Current - Maximum per Contact

Voltage - Maximum

2A

125V

Material Info



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

35363Series

Mates With

35507 Sherlock™ Wire-to-Board Housing

Use With

N/A

Reference - Drawing Numbers

Packaging Specification
Product Specification

Sales Drawing

PK-35363-002
PS-35507-003, RPS-35507-005, RPS-35507-007,
RPS-35507-009, RPS-35507-010, RPS-35507-011
SD-35363-002

This document was generated on 06/07/2010

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LEAD FREE

RECOMMEND P.C. BOARD HOLE DIM.(REF)
(PCB THICKNESS : 1.6)

$\phi 0.8 \pm 0.05$ (DRILL HOLE)
 $\phi 0.75 \pm 0.05$ (PUNCH HOLE)

LEGEND

SD-35363-**-** 6 *
CTK NO. *
LEAD FREE *
COLOR
0 : NATURAL
1 : BLACK
2 : RED
3 : YELLOW
4 : BLUE
5 : GREEN

32.3	31.3	28	-156*	-156*	15
30.3	29.3	26	-146*	-146*	14
28.3	27.3	24	-136*	-136*	13
26.3	25.3	22	-126*	-126*	12
24.3	23.3	20	-116*	-116*	11
22.3	21.3	18	-106*	-106*	10
20.3	19.3	16	-096*	-096*	9
18.3	17.3	14	-086*	-086*	8
16.3	15.3	12	-076*	-076*	7
14.3	13.3	10	-066*	-066*	6
12.3	12.3	8	-056*	-056*	5
10.3	9.3	6	35363046*	35363-046*	4
(C)	(B)	A	MATERIAL NO.	ENG. NO.	CKT

SECTION K-K'

ISOMETRIC VIEW

NOTES

- MATERIAL : WAFER : POLYAMIDE(PA),
NO GLASS, UL94V-0
PIN : BRASS
- FINISHES : TERMINAL : Sn 2 $\times$ 3 μ m OVERALL
- PRODUCT SPECIFICATION : PS-35507-003
- MATING HOUSING : 35507-**-0*
MATING TERMINAL : 50212-80000
- KINK

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				

30 over	± 0.3
10 over 30 under	± 0.25
10 under	± 0.2
ANGLE	$\pm 3^\circ$
GENERAL TOLERANCE	

Release
EC NO. KOR2004-037
DRWN: YS00KIM 04/02/24
CHK: JKOH
APPR: CWLEE

QUALITY SYMBOLS
MAJOR
CRITICAL

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm 0.$	$\pm .$
3 PLACES	$\pm 0.$	$\pm .$
2 PLACES	$\pm 0.$	$\pm .$
1 PLACE	$\pm 0.$	$\pm .$

ANGULAR: $\pm$

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

SCALE
1 : 1

DESIGN UNITS
☒ mm ☐ INCH

THIRD ANGLE
PROJECTION

DRAWN BY & DATE
YS00KIM 96/09/11

CHECKED BY & DATE
J.K.Oh 96/09/11

APPROVED BY & DATE
C.W.Lee 96/09/11

CAD FILENAME
SD35363-002SI.DGN

TITLE:
NEW 2.0 W/B CONN
WAFER ASSY (R/A) (LEAD FREE)

MOLEX INCORPORATED

MATERIAL NO.
SEE NOTE

DRAWING NO.
SD-35363-002

SHEET NO.
1 OF 3

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

SIZE
B

DO NOT SCALE DRAWING
DIMENSION IN METRIC

PROJECT NO. SD-35363-002

SIMILAR ITEM

DWG. NO.

NOTES

1. MATERIAL : WAFER : POLYAMIDE(PA),
NO GLASS, UL94V-0
PIN : BRASS
2. FINISHES : TERMINAL : Sn 2+3um OVERALL
3. PRODUCT SPECIFICATION : PS-35507-003
4. MATING HOUSING : 35507-***0*
MATING TERMINAL : 50212-8000
5. KINK

CKT NO	1	2	3
2 CKT	NONE	KINK	
3 CKT	A	B	A

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

Release
EC NO. KOR2004-0137
DRWN: YS00KIM 04/02/24
CHK: JKOH
APPR: CWLEE

A

QUALITY SYMBOLS

MAJOR
CRITICAL

DESCRIPTION

REV

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.

ANGULAR: ±

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

SCALE
1 : 1

DESIGN UNITS
☒ mm ☐ INCH

THIRD ANGLE
PROJECTION

DRAWN BY & DATE
YS00KIM 96/09/11

CHECKED BY & DATE
J.K.Oh 96/09/11

APPROVED BY & DATE
C.W.Lee 96/09/11

CAD FILENAME
SD35363-001S2.DGN

TITLE:
NEW 2.0 W/B CONN
WAFER ASSY (R/A) (LEAD FREE)

MOLEX INCORPORATED

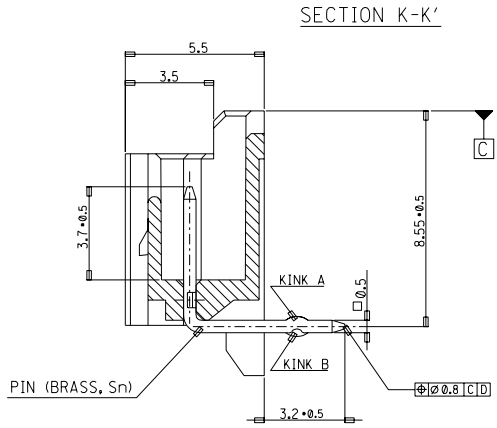
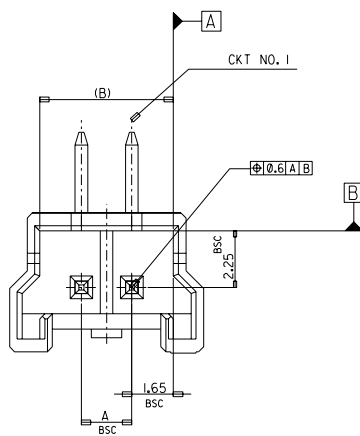
MATERIAL NO.
SEE NOTE

DRAWING NO.
SD-35363-002

SHEET NO.
2 OF 3

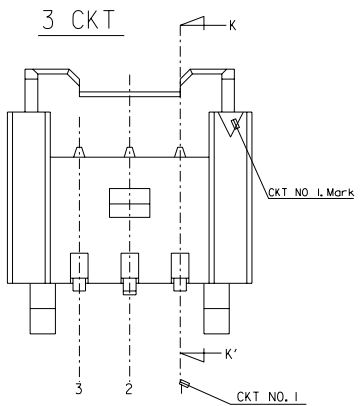
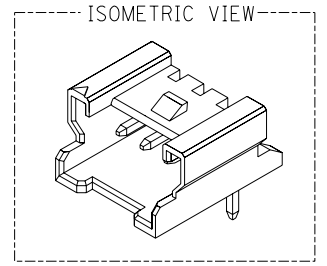
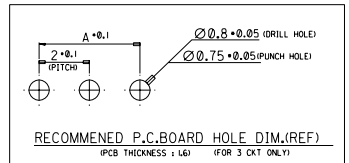
SIZE
B

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FOR 2 & 3 CKTS.

LEAD FREE



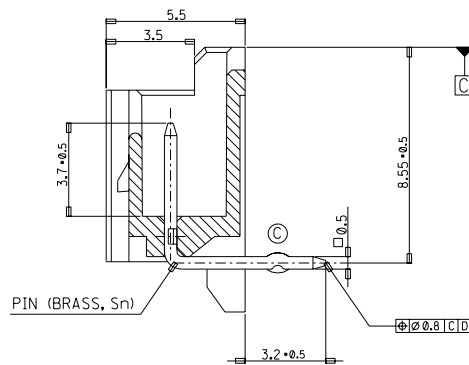
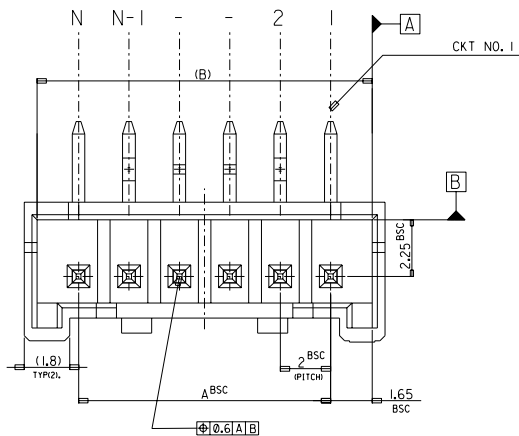
LEGEND

SD-35363-***6*
CKT NO. _____
LEAD FREE _____

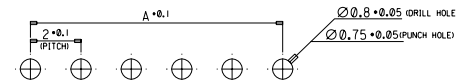
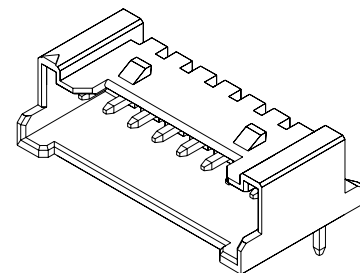
COLOR

- Ø : NATURAL
- 1 : BLACK
- 2 : RED
- 3 : YELLOW
- 4 : BLUE
- 5 : GREEN

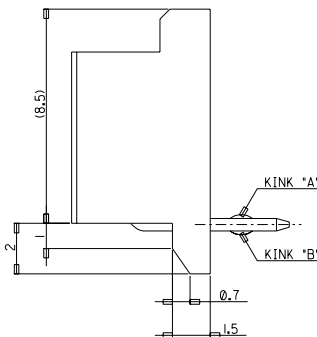
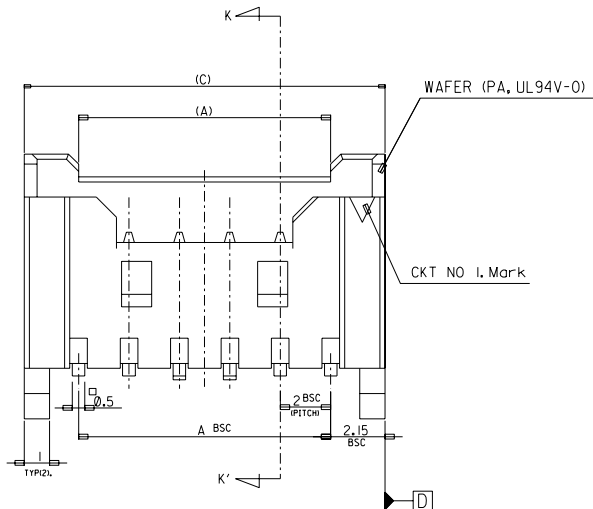
9.7	8.3	7.3	4	35363036*	-036*	3
7.7	6.3	5.3	2	35363026*	35363-026*	2
(D)	(C)	(B)	A	MATERIAL NO.	ENG. NO.	CKT



SECTION K-K'



RECOMMENED P.C.BOARD HOLE DIM.(REF)
(PCB THICKNESS : 1.6)



LEGEND

SD-35363-**-6-*

CKT NO. ————

LEAD FREE ————

COLOR ————

0 : NATURAL
1 : BLACK
2 : RED
3 : YELLOW
4 : BLUE
5 : GREEN

42.3	41.3	38	35363206•	35363-206•	20
(C)	(B)	A	MATERIAL NO.	ENG. NO.	CKT

NOTES

1. MATERIAL : WAFER : POLYAMIDE(PA),
NO GLASS, UL94V-0
PIN : BRASS
2. FINISHES : TERMINAL : Sn 2+3um OVERALL
3. PRODUCT SPECIFICATION : PS-35507-003
4. MATING HOUSING : 35507-***
MATING TERMINAL : 50212-8000
5. KINK

CKT \ CKT NO	1	2	3	4	N-3	N-2	N-1	N
20	—	A	B	—	—	B	A	—

30 over	± 0.3
10 over 30 under	± 0.2
10 under	± 0.2
ANGLE	$\pm 3^\circ$
GENERAL TOLERANCE	

A	Release
	EC NO. KOR2004-0137
	DRWN: YSOOKIM 04/02/24
	CH'K: JKOH
	APPR: CWLEE

REV	DESCRIPTION	QUALITY SYMBOLS
		MAJOR  =
		CRITICAL  =

GENERAL TOLERANCES: (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	$\pm 0.$	$\pm .$
3 PLACES	$\pm 0.$	$\pm .$
2 PLACES	$\pm 0.$	$\pm .$
1 PLACE	$\pm 0.$	$\pm .$
ANGULAR: $\pm$ °		

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

SCALE 1:1	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE YSOOKIM 98/04/23	
CHECKED BY & DATE J.K.Oh 98/04/23	
APPROVED BY & DATE C.W.Lee 98/04/23	
CAD FILENAME SD35363-002S3.DGN	
THIS DRAWING CONTAINS INCORPORATED AND SHOWN	

 THIRD ANGLE PROJECTION		☐ $\frac{\text{mm}}{\text{INCH}}$ ☐ $\frac{\text{INCH}}{\text{mm}}$ ☒ mm ONLY		REVISE ON CAD ONLY	
TITLE: NEW 2.0 W/B CONN WAFER ASSY (R/A) (LEAD FREE)					
 MOLEX INCORPORATED					
MATERIAL NO. SEE NOTE		DRAWING NO. SD-35363-002		SHEET NO. 3 OF 3	
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