

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0353630460

Status:

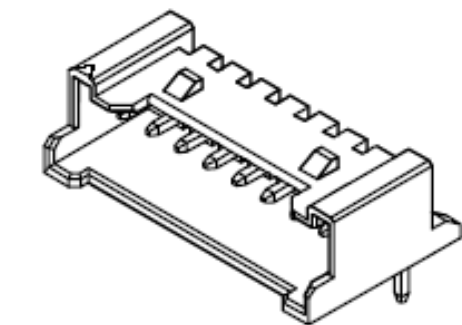
Active

Overview:

sherlock

Description:

2.00mm (.079") Pitch Sherlock™ Wire-to-Board Header, Right Angle, with Positive Lock, 4 Circuits, Lead-free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-35507-003 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	35363
Application	Wire-to-Board
MolexKits	Yes
Overview	sherlock
Product Name	Sherlock™

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.126 In
PC Tail Length (mm)	3.20 mm
PCB Locator	No
PCB Retention	Yes
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
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
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

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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

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)

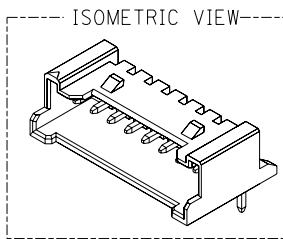
LEGEND

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'



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

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

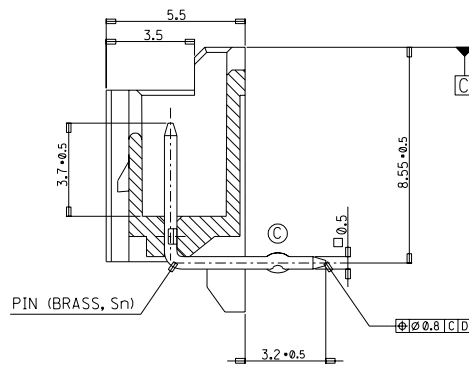
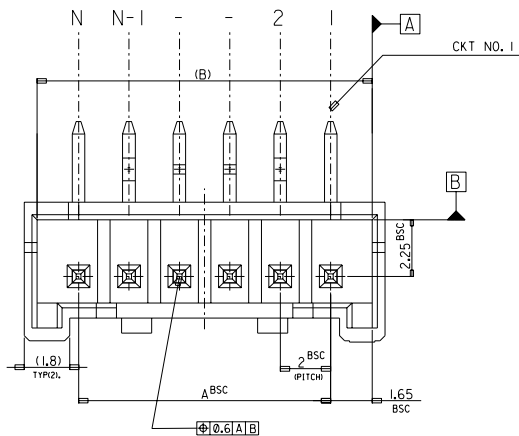
MATERIAL NO.
SEE NOTE

DRAWING NO.
SD-35363-002

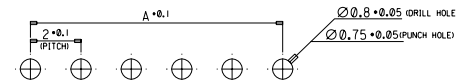
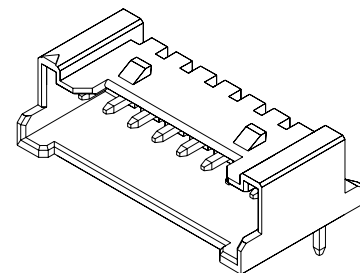
SHEET NO.
1 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
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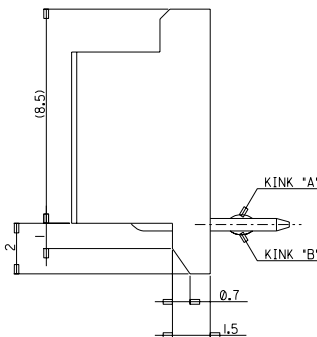
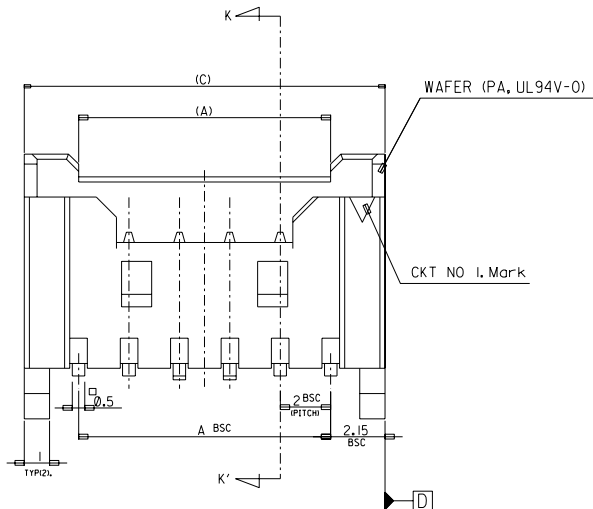
SIZE
B



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	± 3°
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	±0.1	±0.004
3 PLACES	±0.1	±0.004
2 PLACES	±0.1	±0.004
1 PLACE	±0.1	±0.004
ANGULAR: ±0.5°		

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	☐ $\frac{mm}{INCH}$	☐ $\frac{INCH}{mm}$	☒ $\frac{mm}{mm}$ ONLY	REVISION 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	
THIS INFORMATION IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SIZE B