

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0353630560

Status:

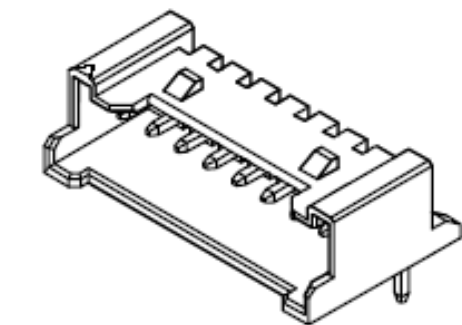
Active

Overview:

sherlock

Description:

2.00mm (.079") Pitch Sherlock™ Wire-to-Board Header, Right Angle, with Positive Lock, 5 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
Overview	sherlock
Product Name	Sherlock™

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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

Reference - Drawing Numbers

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed
Halogen-Free
Status

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.

China RoHS



Search Parts in this Series

35363Series

Mates With

35507 Sherlock™ Wire-to-Board Housing

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 05/24/2010

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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)

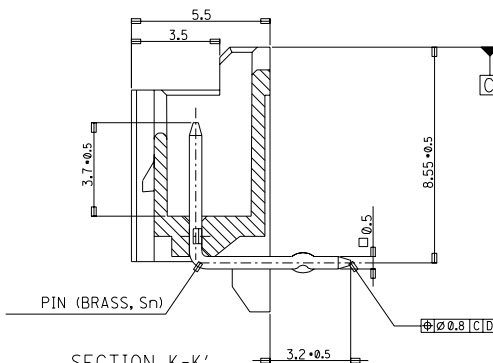
LEGEND

SD-35363-**-** 6 *
CTK NO. *
LEAD FREE *
COLOR

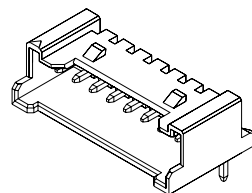
- 0 : NATURAL
- 1 : BLACK
- 2 : RED
- 3 : YELLOW
- 4 : BLUE
- 5 : GREEN

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	±3°
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	±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

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

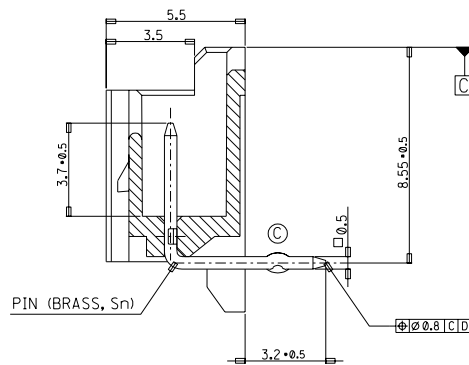
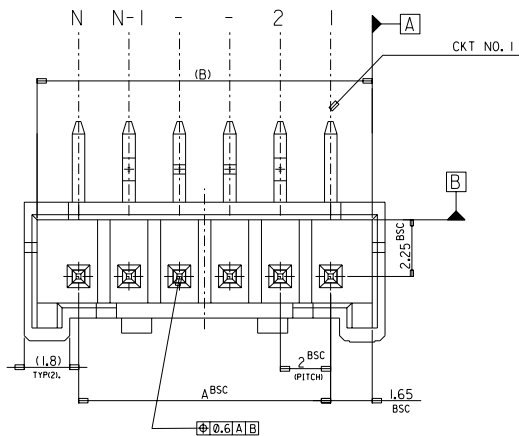
MATERIAL NO.
SEE NOTE

DRAWING NO.
SD-35363-002

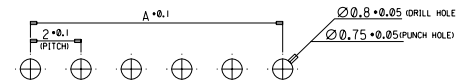
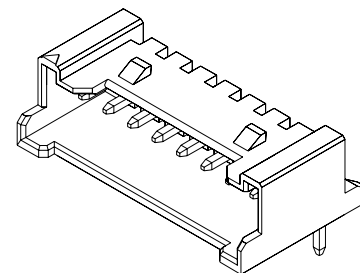
SHEET NO.
1 OF 3

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

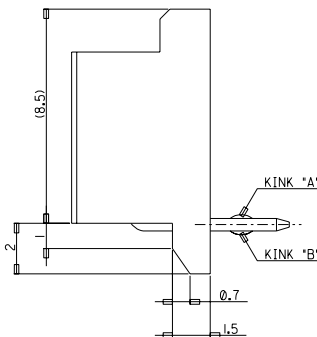
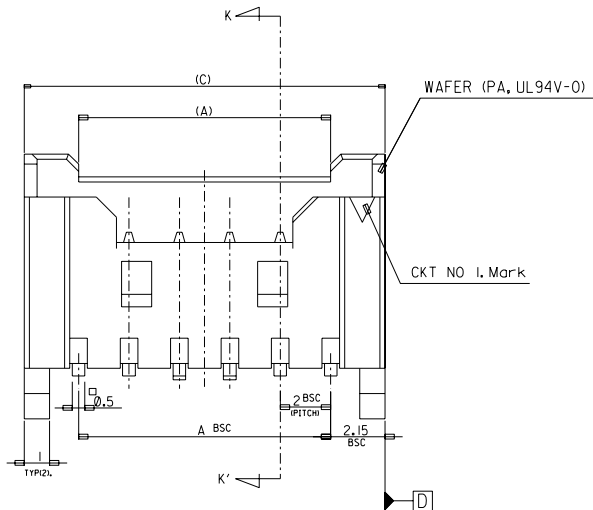
SIZE
B



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	±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
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 UNINCORPORATED AND S	

 THIRD ANGLE PROJECTION	☐ $\frac{mm}{INCH}$ ☐ $\frac{INCH}{mm}$ ☒ 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
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		
		SIZE B