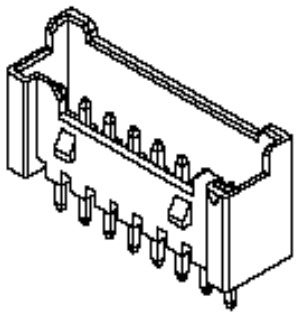
molex
one company > a world of innovation

This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0353620250
Status: Active
Overview: sherlock
Description: 2.00mm (.079") Pitch Sherlock™ Wire-to-Board Header, Vertical, with Positive Lock, 2 Circuits, with Kinked PC Tails, Natural



Series image - Reference only

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)	2
Circuits (maximum)	2
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	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
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

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

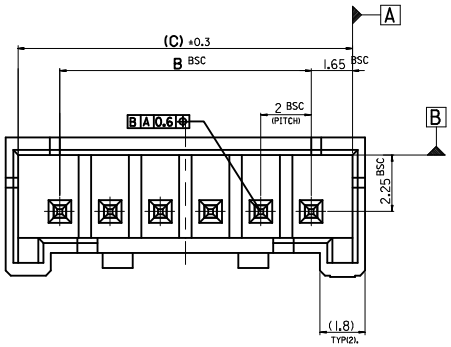
Material Info

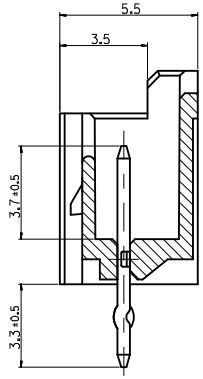
Reference - Drawing Numbers

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

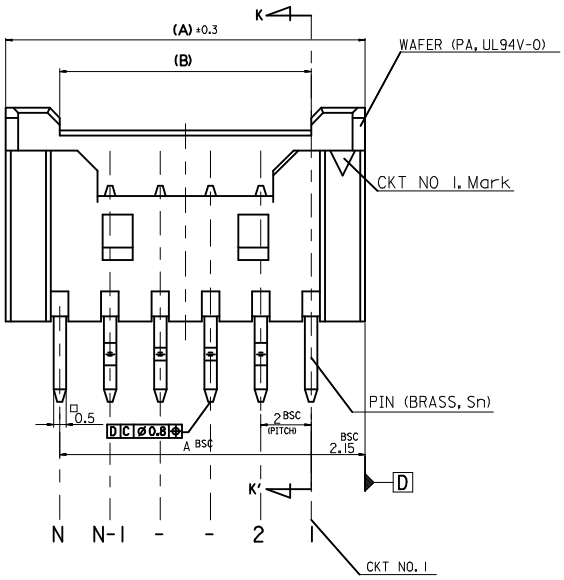
This document was generated on 06/07/2010

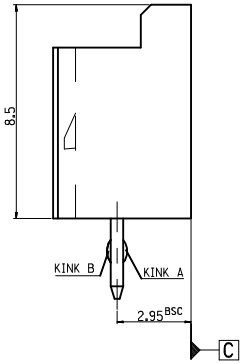
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

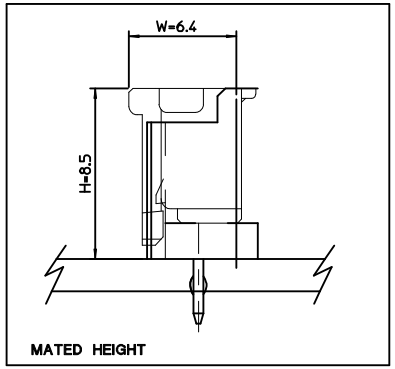


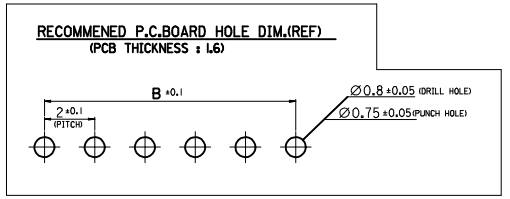


SECTION K-K'

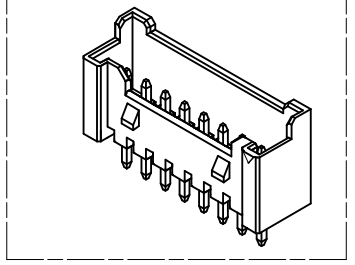








ISOMETRIC VIEW



LEGEND

SD-35362-****

- CKT NO.
- COLOR
  - 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)
- 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)

NOTES

1. MATERIAL : UNFILLED POLYAMIDE, UL94V-0
   PIN : BRASS . TIN PLATED
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 / CKT	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				

(C)	B	(A)	ENG. NO.	ENG. NO.	CKT
31.3	28	32.3	353621 5**	35362-15**	15
29.3	26	30.3	353621 4**	35362-14**	14
27.3	24	28.3	353621 3**	35362-13**	13
25.3	22	26.3	353621 2**	35362-12**	12
23.3	20	24.3	353621 1**	35362-11**	11
21.3	18	22.3	353621 0**	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

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 2009/03/09
DRWN:HJEONG 2009/03/10
CHKD:YSOOKIM 2009/03/11
APPR:YUNSIKKIM 2009/03/11
DESCRIPTION
REV
D

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
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	YSOOKIM	1996/09/11
CHECKED BY	YSOOKIM	1996/09/11
APPROVED BY	CWLEE	1996/09/11
MATERIAL NO.	SEE TABLEE	

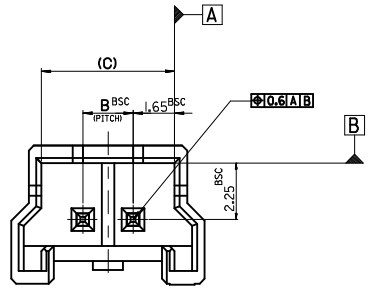
TITLE: 2.0 W/B WAFER ASS'Y -LEAD FREE-

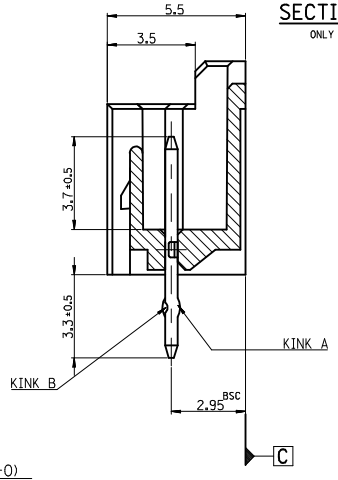
molex MOLEX INCORPORATED

DOCUMENT NO. SD-35362-002
SHEET NO. 1 OF 3
SIZE A3

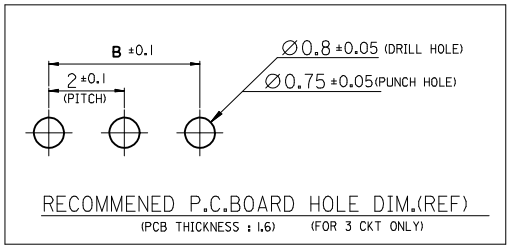
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FOR 2 & 3 CKTS.



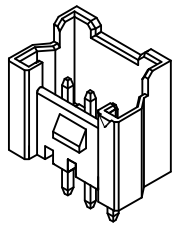


SECTION K-K'
ONLY 3 CKT



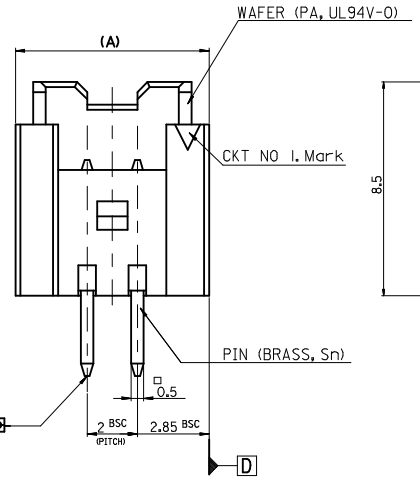
RECOMMENED P.C.BOARD HOLE DIM.(REF)
(PCB THICKNESS : 1.6) (FOR 3 CKT ONLY)

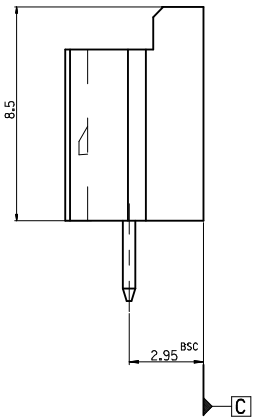
ISOMETRIC VIEW

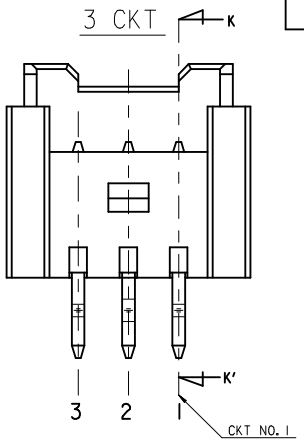


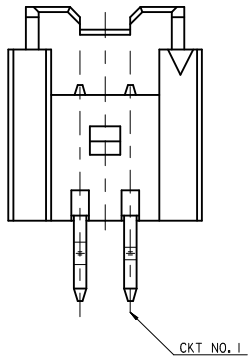
LEGEND

SD-35362-****
- CKT NO.
- COLOR
  - 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)
- 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)









35362-0287

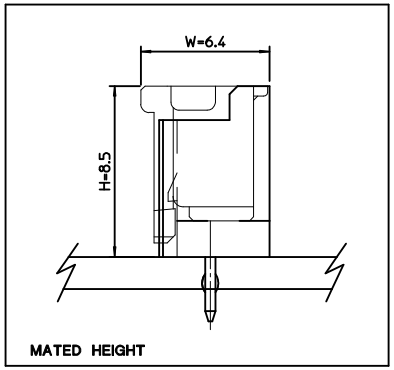
NOTES
1. MATERIAL : UNFILLED POLYAMIDE, UL94V-0
   PIN : BRASS, Tin PLATED
2. FINISHES : TERMINAL : Sn 2.3um OVERALL
3. PRODUCT SPECIFICATION : PS-35507-003
4. MATING HOUSING : 35507-**0*
   MATING TERMINAL : 50212-8000
5. KINK

CKT NO / CKT	1	2	3
2 CKT	—		
3 CKT	A	B	A

6. 35362-0287 IS ONLY KINKED 2P

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

7.3	4	9.7	3536203**	35362-03**	3
5.3	2	7.7	3536202**	35362-02**	2
(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 2009/03/09
DRWN:HJEONG 2009/03/10
CHKD:YSOOKIM 2009/03/11
APPR:YUNSIKKIM
DESCRIPTION
REV
D

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
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: YSOOKIM DATE: 1996/09/11
CHECKED BY: JKOH DATE: 1996/09/11
APPROVED BY: CWLEE DATE: 1996/09/11
MATERIAL NO.: SEE TABLE

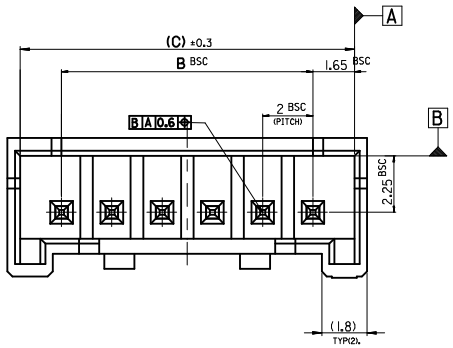
TITLE: 2.0 W/B WAFER ASS'Y -LEAD FREE-

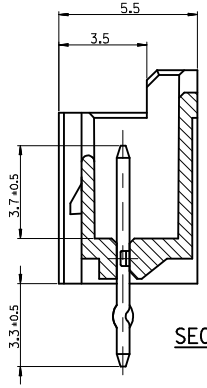
molex MOLEX INCORPORATED

DOCUMENT NO.: SD-35362-002
SHEET NO.: 2 OF 3

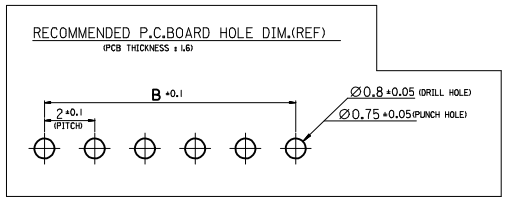
SIZE: A3

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

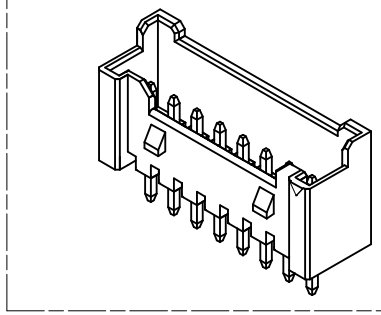


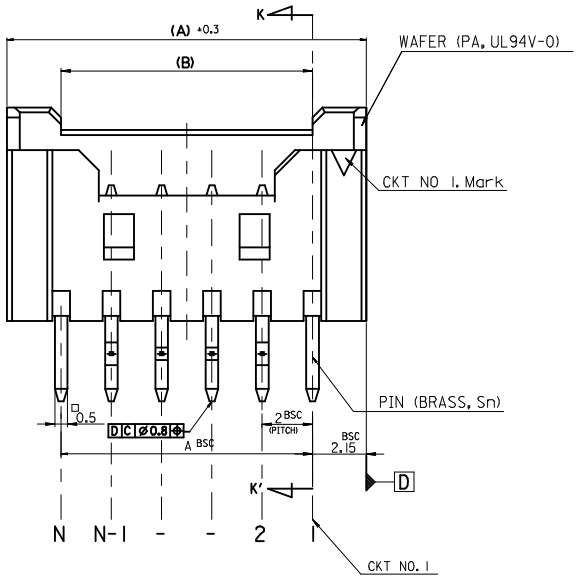


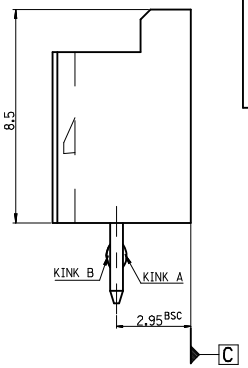
SECTION K-K'



ISOMETRIC VIEW







LEGEND

SD-35362-****

CKT NO.

COLOR
- 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)

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)

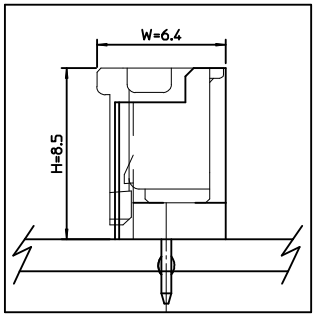
NOTES

1. MATERIAL : WAFER : UNFILLED POLYAMIDE, UL94V-0
   PIN : BRASS
2. FINISHES : TERMINAL : Sn 2.3um OVERALL
3. PRODUCT SPECIFICATION : PS-35507-003
4. MATING HOUSING : 35507-**0*
   MATING TERMINAL : 5021 2-8000
5. KINK

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

(C)	B	(A)	MATERIAL NO.	ENG. NO.	CKT
41.3	38	42.3	3536220**	35362-20**	20
39.3	36	40.3	353621 9**	35362-19**	19
37.3	34	38.3	353621 8**	35362-18**	18
35.3	32	36.3	353621 7**	35362-17**	17
33.3	30	34.3	353621 6**	35362-16**	16

MATED HEIGHT



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 2009/03/09
DRWN:HJEONG 2009/03/10
CHKD:YSOOKIM 2009/03/11
APPR:YUNSIKKIM
DESCRIPTION
REV
D

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
SCALE	5:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	YSOOKIM 1996/09/11
CHECKED BY / DATE	JKOH 1996/09/11
APPROVED BY / DATE	CWLEE 1996/09/11
MATERIAL NO.	SEE TABLE
SIZE	A3

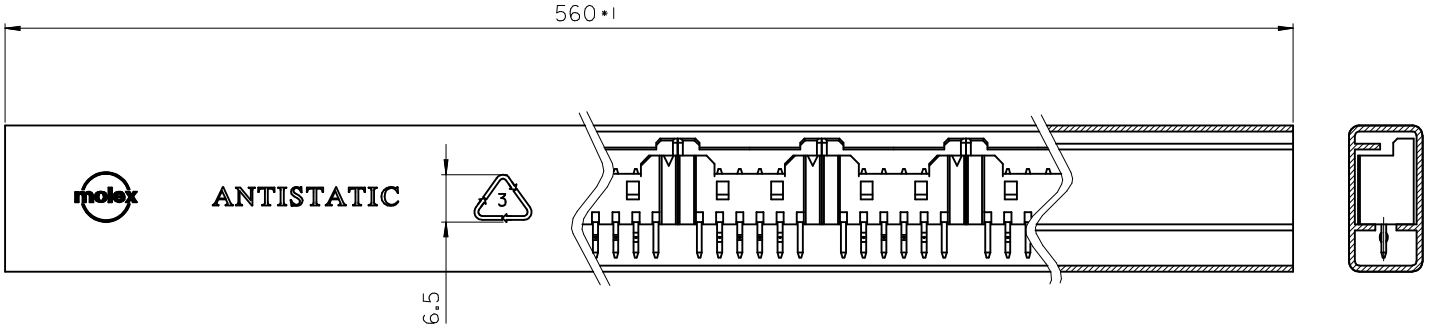
TITLE: 2.0 W/B WAFER ASS'Y -LEAD FREE-

MOLEX INCORPORATED

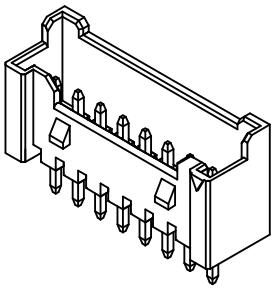
DOCUMENT NO. SD-35362-002

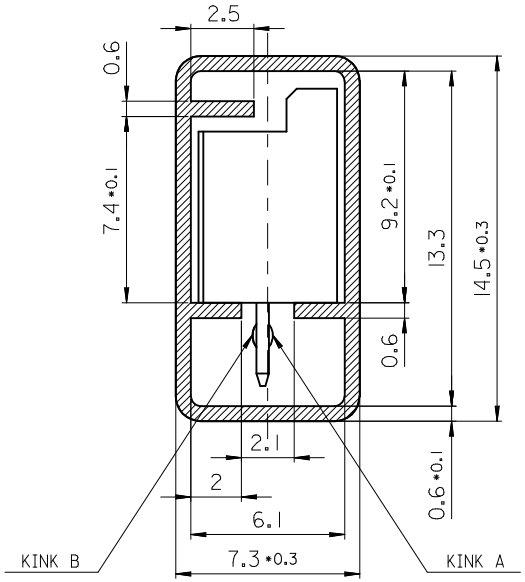
SHEET NO. 3 OF 3

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



ISOMETRIC VIEW





KINK TABLE(FOR 35362-****)

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

LEAD FREE

LEGEND.

E-35362-** * *

- 2-20 Circuits — CKT NO.
- 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)
- KINK
  - Final GOOD (Bulk) — 5 : SELECTIVE KINK / 6 : NONE KINK
  - Sub Assy (Tube) — 7 : SELECTIVE KINK / 8 : NONE KINK

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)
- C 10. APPLICABLE STOPPER(RUBBER) : 35900-0435

TABLE

	QT'y	Material NO.	ENG. NO.	CKT
	10	20**	-20**	20
D	10	19**	-19**	19
D	10	18**	-18**	18
D	10	17**	-17**	17
D	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
C	70	3536202**	35362-02**	2

REVISED
EC NO: KOR2009-0123 2009/03/09
DRWN:HJEONG 2009/03/10
CH'KD:YSOOKIM 2009/03/11
APPR:YUNSIKKIM DESCRIPTION
B REV

QUALITY SYMBOLS
▼=0
C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 5:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: YSOOKIM DATE: 2000/12/11	TITLE: 2.0 W/B WAFER ASS'Y TUBE PACKING -LEAD FREE-		
CHECKED BY: JKOH DATE: 2000/12/11			
APPROVED BY: CWLEE DATE: 2000/12/11	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-35362-003	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		

ООО «НИОКРсистемс» - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ

ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709