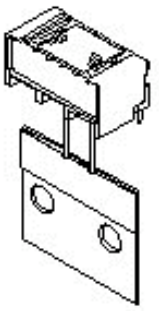
This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0534260490
Status: Active
Overview: minilock
Description: 2.50mm (.098") Pitch Mini-Lock™ Wire-to-Board Header, Right Angle, Friction and Positive Lock, Radial Tape Packaging, 4 Circuits, Lead-free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-51102-002 (PDF)
- Product Specification PS-51103-005 (PDF)
- Product Specification PS-51103-007 (PDF)
- Product Specification PS-51163-001 (PDF)
- Product Specification PS-51163-002 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	PCB Headers
Series	53426
Application	Wire-to-Board
Overview	minilock
Product Name	Mini-Lock™

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	White
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.80 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Radial Tape
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

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
53426Series

Mates With
51102 Housing with Friction Lock. 51103 Housing with Positive Lock. 51163 , 51164 Housing with Positive Lock and Retainer. 50351 Crimp Terminal. 50752 Crimp Terminal

Current - Maximum per Contact	3A
Voltage - Maximum	250V

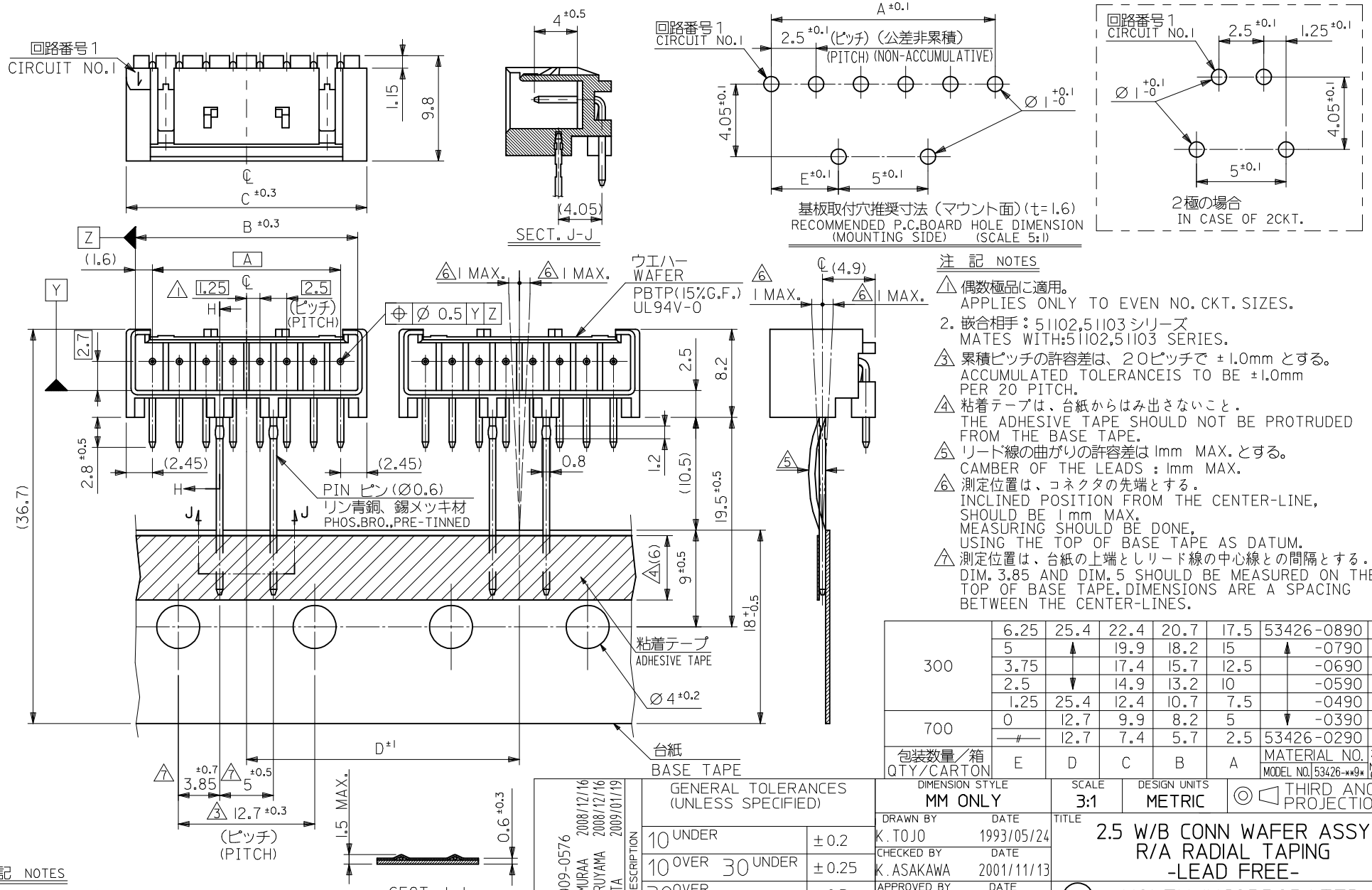
Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53426-001
Product Specification	PS-51102-002, PS-51103-005, PS-51103-007, PS-51163-001, PS-51163-002, RPS-51103-010, RPS-51103-011, RPS-51103-022, RPS-51103-032, RPS-51103-033, RPS-51103-039, RPS-51103-041, RPS-51103-047, RPS-51103-050, RPS-51103-056, RPS-51103-057, RPS-51163-002
Sales Drawing	SD-53426-002

This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



注 記 NOTES

1. 偶数極品に適用。
APPLIES ONLY TO EVEN NO. CKT. SIZES.
2. 嵌合相手：51102,51103シリーズ
MATES WITH:51102,51103 SERIES.
3. 累積ピッチの許容差は、20ピッチで ±1.0mm とする。
ACCUMULATED TOLERANCEIS TO BE ±1.0mm PER 20 PITCH.
4. 粘着テープは、台紙からはみ出さないこと。
THE ADHESIVE TAPE SHOULD NOT BE PROTRUDED FROM THE BASE TAPE.
5. リード線の曲がりの許容差は 1mm MAX. とする。
CAMBER OF THE LEADS : 1mm MAX.
6. 測定位置は、コネクタの先端とする。
INCLINED POSITION FROM THE CENTER-LINE, SHOULD BE 1 mm MAX.
MEASURING SHOULD BE DONE, USING THE TOP OF BASE TAPE AS DATUM.
7. 測定位置は、台紙の上端としリード線の中心線との間隔とする。
DIM. 3.85 AND DIM. 5 SHOULD BE MEASURED ON THE TOP OF BASE TAPE. DIMENSIONS ARE A SPACING BETWEEN THE CENTER-LINES.

300	6.25	25.4	22.4	20.7	17.5	53426-0890	8
	5	↑	19.9	18.2	15	↑ -0790	7
	3.75		17.4	15.7	12.5	-0690	6
	2.5	↓	14.9	13.2	10	-0590	5
	1.25	25.4	12.4	10.7	7.5	-0490	4
700	0	↑	12.7	9.9	8.2	5 ↓ -0390	3
	—〃—		12.7	7.4	5.7	2.5 53426-0290	2
包装数量／箱 QTY/CARTON	E		D	C	B	A	MATERIAL NO. / 極数 NO. OF CKTS.
							MODEL NO. 53426-**9*

注 記 NOTES

8. 製品型番の下1桁は色を表す。
LAST DIGIT OF PART NUMBER INDICATES COLOR.
O :白 WHITE

REVISED
EC NO: J2009-0576
DRWN:NAKAMURAA 2008/12/16
CH'KD:T. HARUYAMA 2008/12/16
APPR:NUKITA 2009/01/19
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

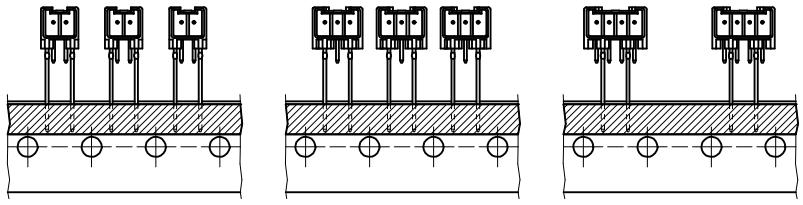
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 3:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION

DRAWN BY: K.TOJO DATE: 1993/05/24	TITLE: 2.5 W/B CONN WAFER ASSY R/A RADIAL TAPING -LEAD FREE-
CHECKED BY: K.ASAKAWA DATE: 2001/11/13	
APPROVED BY: T.YAMAGUCHI DATE: 2001/11/13	molex MOLEX INCORPORATED
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-53426-002 SHEET NO.: 1 OF 2

SIZE A3

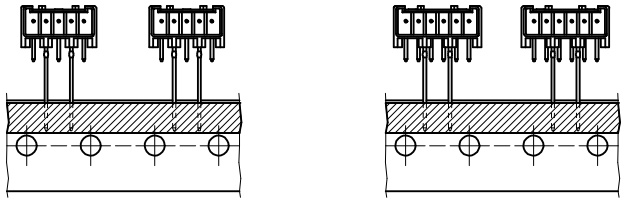
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



（2 極）
(2 CKT.)

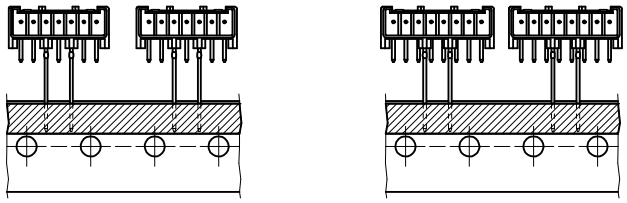
（3 極）
(3 CKT.)

（4 極）
(4 CKT.)



（5 極）
(5 CKT.)

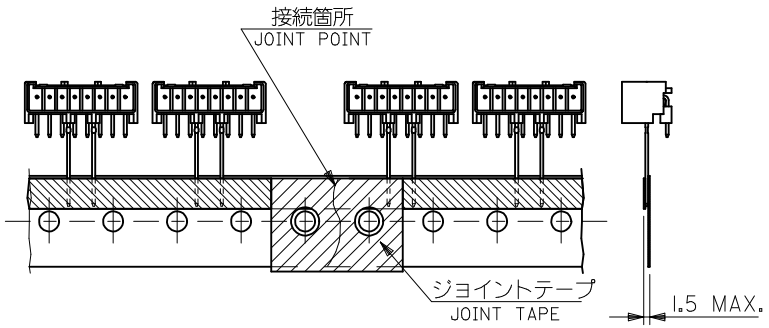
（6 極）
(6 CKT.)



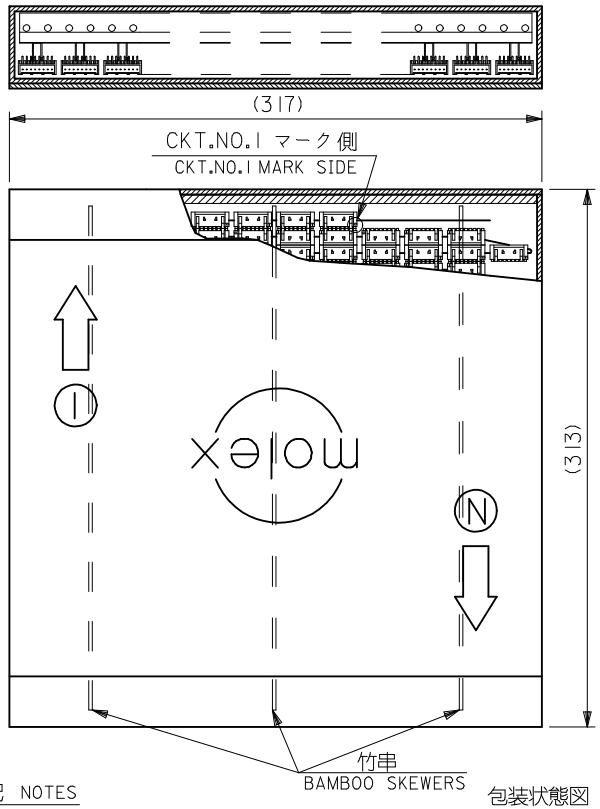
（7 極）
(7 CKT.)

（8 極）
(8 CKT.)

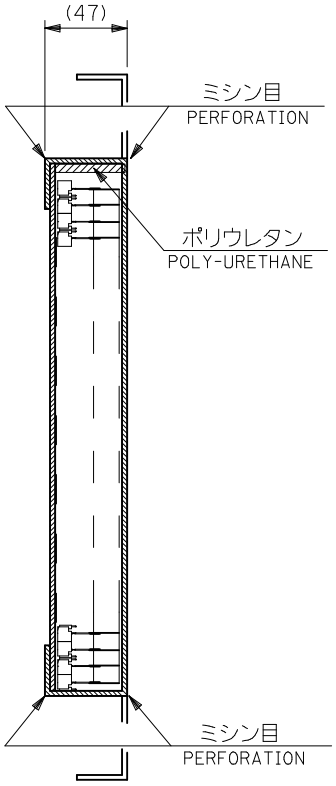
極数別テーピング状態図
CKT. TAPING FORM



台紙の継ぎ方
JOINT OF THE BASE TAPE



包装状態図
PACKAGING FORM



注　記　NOTES

1. 包装形態はつづら折りで箱詰め。
   RADIAL TAPE IS FOLDED AND PILED IN THE CARTON.
2. テーピングの両端には、５個以上の送り穴を設けること。
   BOTH ENDS OF TAPING, MORE THAN 5 FEEDING HOLES SHOULD BE PROVIDED.
3. コネクタの欠落数は、D 寸法（SHEET 1 OF 2 参照）が１２．７の場合連続３個まで、
   ２５．４の場合１個とする。（折り目ごとの１個抜きも含む）
   ALLOWABLE NUMBERS OF CONSECUTIVE MISSING CONNECTORS:
   FOR CONNECTORS WHERE D=12.7,=3(REFER TO SHEET 1 OF 2)
   FOR CONNECTORS WHERE D=25.4,=1
4. 台紙の継ぎ目のずれは、いかなる方向からも ± 0.3以内とする。
   MISMATCHED JOINT OF THE BASE TAPE SHOULD BE KEPT WITHIN ±0.3mm IN EVERY DIRECTIONS.
5. 図中以外の項目は、日本工業規格 JIS C0805 〝電子部品のテーピング 〟を適用。
   ITEMS UNLESS OTHERWISE SPECIFIED, JIS C 0805 (TAPING OF ELECTRONIC COMPONENTS) SHOULD BE APPLIED.

REVISED
EC NO: J2009-0576 2008/12/16
DRWN:NAKAMURAA 2008/12/16
CH'KD:T. HARUYAMA 2009/01/19
APPR:NUKITA
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: K.TOJO DATE: 1993/05/24	TITLE: 2.5 W/B CONN WAFER ASSY R/A RADIAL TAPING -LEAD FREE-		
CHECKED BY: K.ASAKAWA DATE: 2001/11/13			
APPROVED BY: T.YAMAGUCHI DATE: 2001/11/13	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE CHEET 1	DOCUMENT NO.: SD-53426-002	SHEET NO.: 2 OF 2	

SIZE A3

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