

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0532610571](#)
Status: **Active**
Overview: [picoblade](#)
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, Lead-free, 5 Circuits

Documents:
[3D Model](#) [Product Specification PS-51021-024 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

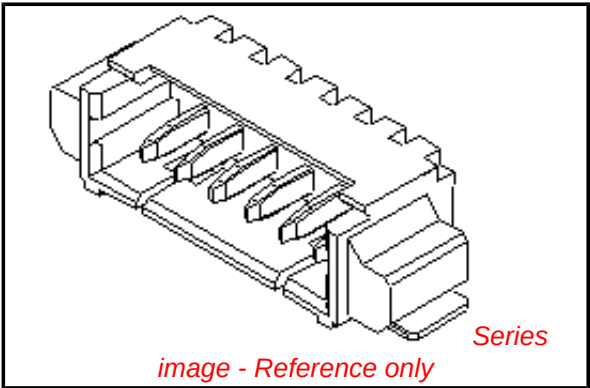
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [53261](#)
Application Wire-to-Board
Overview [picoblade](#)
Product Name PicoBlade™

Physical

Breakaway No
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part None
Lock to Mating Part Yes
Mated Height (in) 0.134 In
Mated Height (mm) 3.40 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface (in) 0.049 In
Pitch - Mating Interface (mm) 1.25 mm
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1
Polarized to PCB Yes
Shrouded Fully
Stackable No
Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Surface Mount



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Halogen-Free



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
[53261Series](#)

Mates With
[51021](#) PicoBlade™ Wire-to-Wire and Wire-to-Board Housing

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	125V

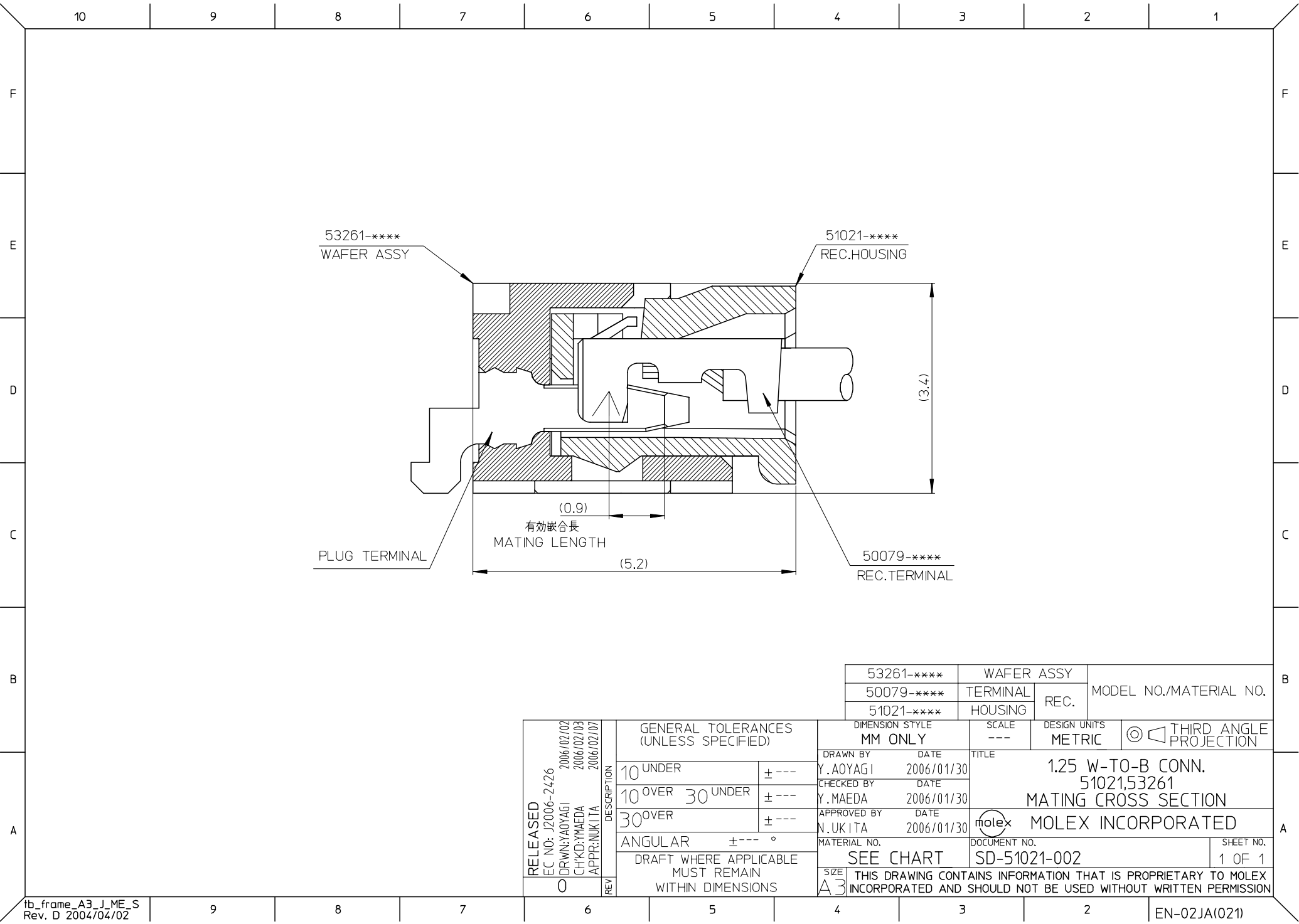
Material Info

Reference - Drawing Numbers

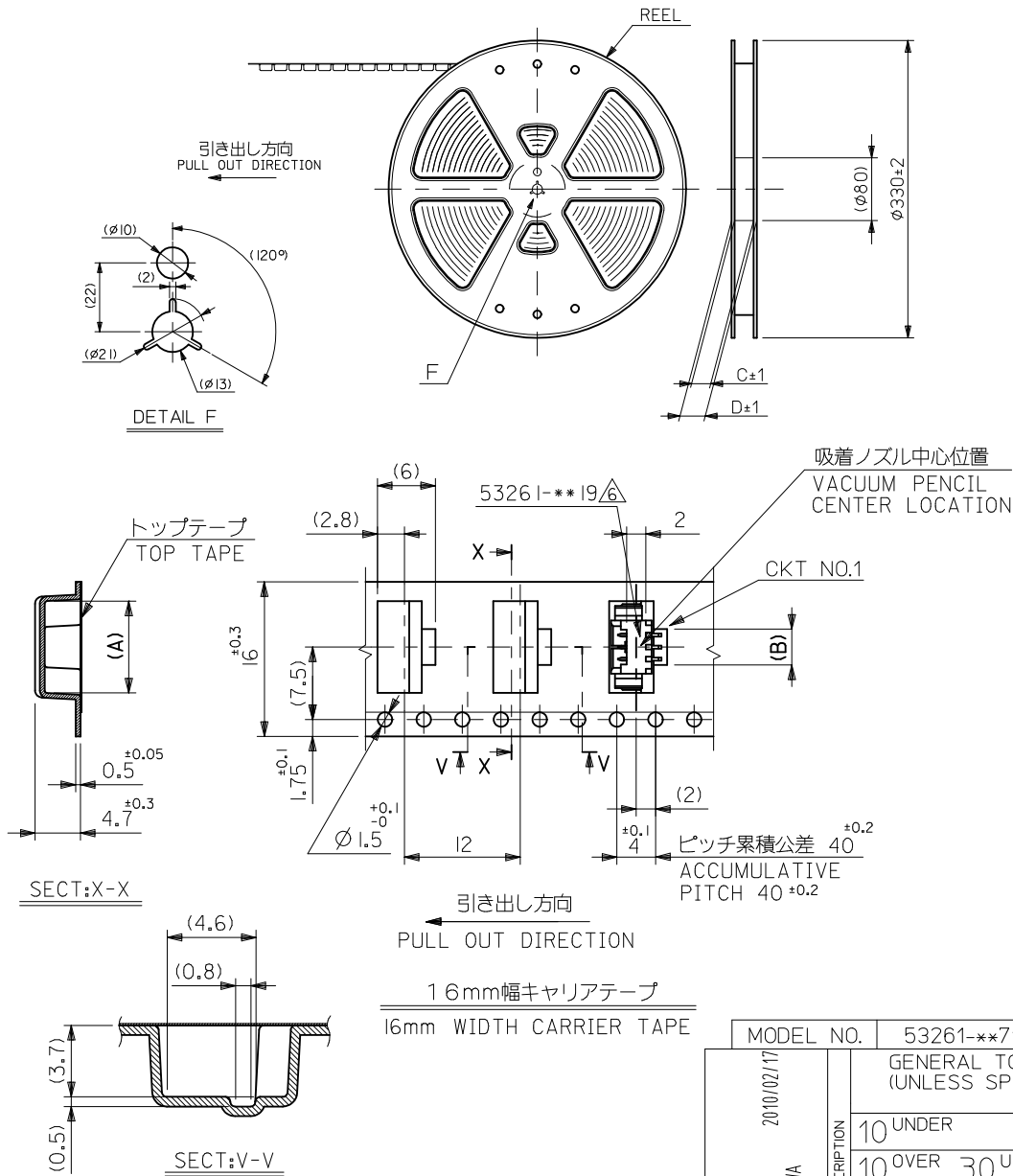
Packaging Specification	SPK-53261-001, SPK-53261-002
Product Specification	PS-51021-024, RPS-51021-036, RPS-51021-038, RPS-51021-039, RPS-51021-040, RPS-51021-042, RPS-51021-043, RPS-51021-045, RPS-51021-046, RPS-51021-047, RPS-51021-051, RPS-51021-053, RPS-51021-054, RPS-51021-057, RPS-51021-058, RPS-51021-061, RPS-51021-062, RPS-51021-066, RPS-51021-067, RPS-51021-068, RPS-51021-072, RPS-51021-073, RPS-51021-076, RPS-51021-079, RPS-51021-081, RPS-51021-084, RPS-51021-085, RPS-51021-086, RPS-51021-091, RPS-51021-097, RPS-51021-099, RPS-51021-101, RPS-53261-001, RPS-53261-002
Sales Drawing	SD-51021-002, SD-53261-023, SD-53261-024

This document was generated on 05/25/2010

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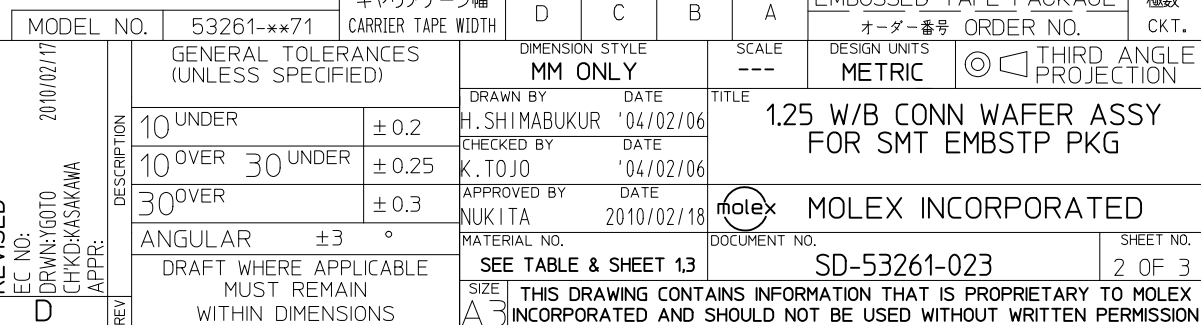
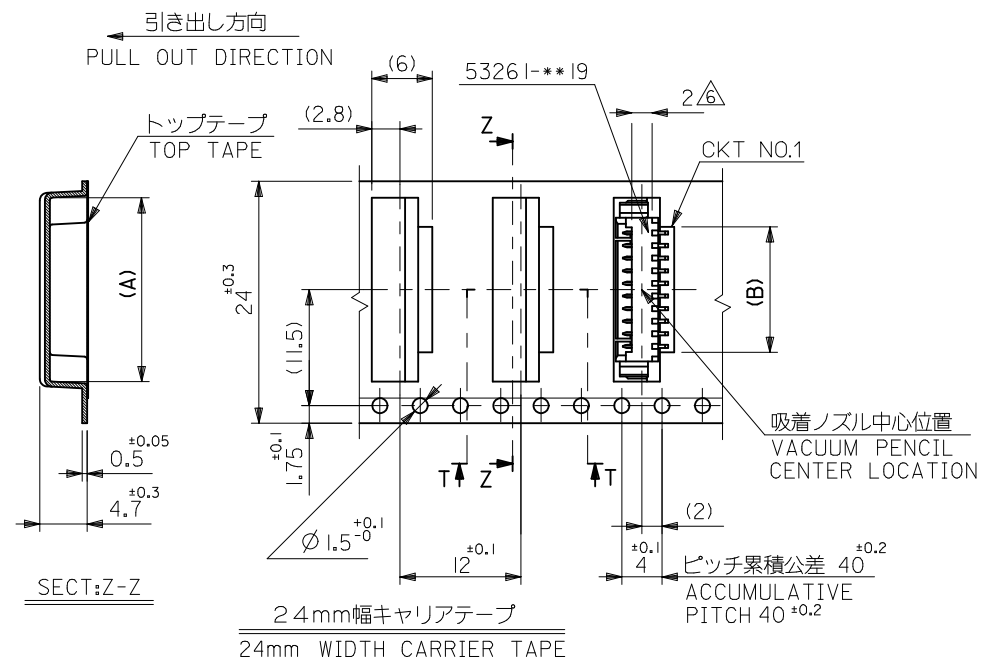
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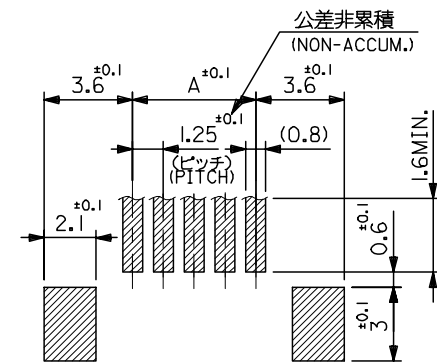


注記 NOTES

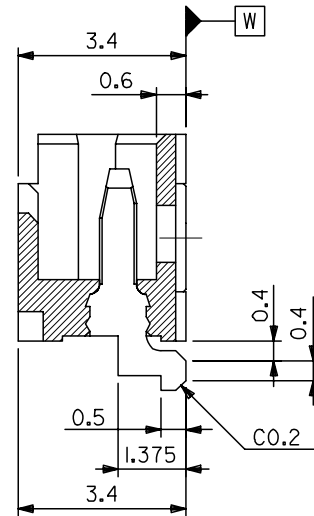
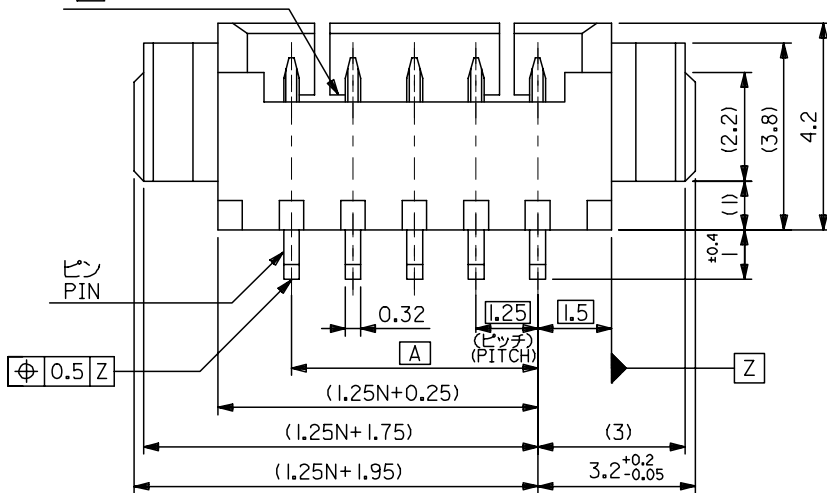
- 53261-**-19 の詳細寸法については図面 SD-53261-024 を参照下さい。
RE DETAILED DIMENSIONS, SEE SD-53261-024
- 梱包数量: 1000個/リール
NUMBER OF CONNECTOR: 1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH
トップテープリーダー部 TOP TAPE LEADER PART 175⁺²⁵
トップテープ未接着部 TOP TAPE NON-BONDED PART 25⁺⁵
- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
トップテープ (TOP TAPE): PET, PE, PEF
リール (REEL): ポリスチレン (PS) <リサイクル材含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- コネクタ、ハウジング平面部
CONNECTOR, HOUSING FLAT AREA
- 本製品は 53261-**-90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53261-**-90
- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT
- 本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

16		21.4	17.4	3.7	9.5	53261-0371	3	
				2.45	8.25	53261-0271	2	
キャリアテープ幅 CARRIER TAPE WIDTH		D	C	B	A	EMBOSSD TAPE PACKAGE オーダー番号 ORDER NO.	極数 CKT.	
TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY			SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
±0.2		DRAWN BY H. SHIMABUKUR		DATE '04/02/06		TITLE 1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG		
±0.25		CHECKED BY K. TOJO		DATE '04/02/06				
±0.3		APPROVED BY NUKITA		DATE 2010/02/18				
3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
APPLICABLE MAIN DIMENSIONS		SEE TABLE & SHEET 2.3			SD-53261-023			1 OF 3
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

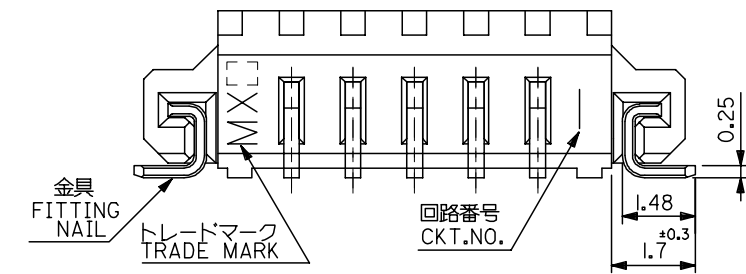




参考基板レイアウト
RECOMMENDED P.C.BOARD PATTERN DIM.(REF.)
(SCALE 5:1)



[断面図]
[CROSS SECTION]



注記 NOTES

1. 嵌合相手 : 51021 シリーズ
MATES WITH: 51021 SERIES
2. 材質 MATERIAL
ウエハー : NYLON46, UL94V-0
ピン : リン青銅
PIN : PHOS-BRO
: 銅メッキ 1. 0マイクロメートル以上
: TIN 1.0 MICROMETER MINIMUM
: ニッケル下地 1. 0マイクロメートル以上
: NICKEL(UNDER PLATING)1.0 MICROMETER MINIMUM
- 金具 : リン青銅
FITTING NAIL : PHOS-BRO
: 銅メッキ 1. 0マイクロメートル以上
: TIN 1.0 MICROMETER MINIMUM
: ニッケル下地 1. 0マイクロメートル以上
: NICKEL(UNDER PLATING)1.0 MICROMETER MINIMUM
- △ ロック窓は2、3極は1箇所、4極以上は2箇所とする。
LOCKING WINDOW :
ONE PLACE FOR 2 AND 3 CKT. AND
TWO PLACES FOR MORE THAN 3 CKT.
4. ソルダータール部のスレ量及び金具(補強板)
のスレ量は基準面 [W] に対し、上方向 0.05
MAX.、下方向に0.1 MAX.とする。 [W]
OFFSET BETWEEN BASIS PLANE
TO SOLDER TAIL BOTTOM AND
FITTING NAIL BOTTOM :
UPPER SIDE : 0.05MAX.
LOWER SIDE : 0.1MAX.
5. 本製品は 53261-***10 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53261-***10

26.4	26	23	21.8	20	53261-1719	17
23.9	23.5	20.5	19.3	17.5	- 15 19	15
22.65	22.25	19.25	18.05	16.25	- 14 19	14
21.4	21	18	16.8	15	- 13 19	13
20.15	19.75	16.75	15.55	13.75	- 12 19	12
18.9	18.5	15.5	14.3	12.5	- 11 19	11
17.65	17.25	14.25	13.05	11.25	- 10 19	10
16.4	16	13	11.8	10	-09 19	9
15.15	14.75	11.75	10.55	8.75	-08 19	8
13.9	13.5	10.5	9.3	7.5	-07 19	7
12.65	12.25	9.25	8.05	6.25	-06 19	6
11.4	11	8	6.8	5	-05 19	5
10.15	9.75	6.75	5.55	3.75	-04 19	4
8.9	8.5	5.5	4.3	2.5	-03 19	3
9	7.65	7.25	4.25	1.25	53261-02 19	2
1.	E	D	C	B	A	MATERIAL. NO. 極數 CKT.

DESIGNATION	DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
±0.2	DRAWN BY HSHIMABU	DATE 04/02/06	TITLE 1.25 WIRE TO BOARD WAFER ASS FOR SMT -LEAD FREE-		
±0.25	CHECKED BY KTOJO	DATE 04/02/06			
±0.3	APPROVED BY MSASAO	DATE 04/02/06	 MOLEX INCORPORATED		
°	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
TABLE	SEE DRAWING		SD-53261-024		1 OF 1
US	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				