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Part Number: [0532610771](#)
Status: **Active**
Overview: [picoblade](#)
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, Lead-free, 7 Circuits

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

Agency Certification

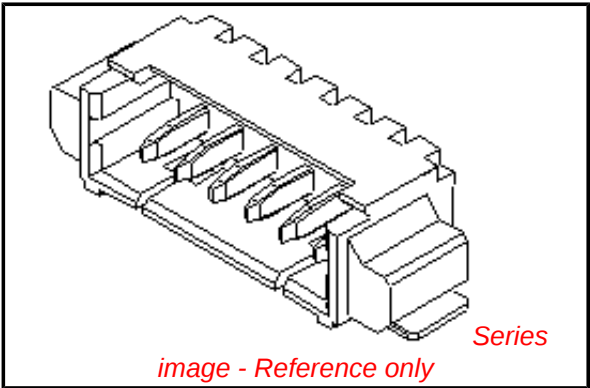
CSA LR19980
UL E29179

General

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

Physical

Breakaway No
Circuits (Loaded) 7
Circuits (maximum) 7
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

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
[53261Series](#)

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

Electrical

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

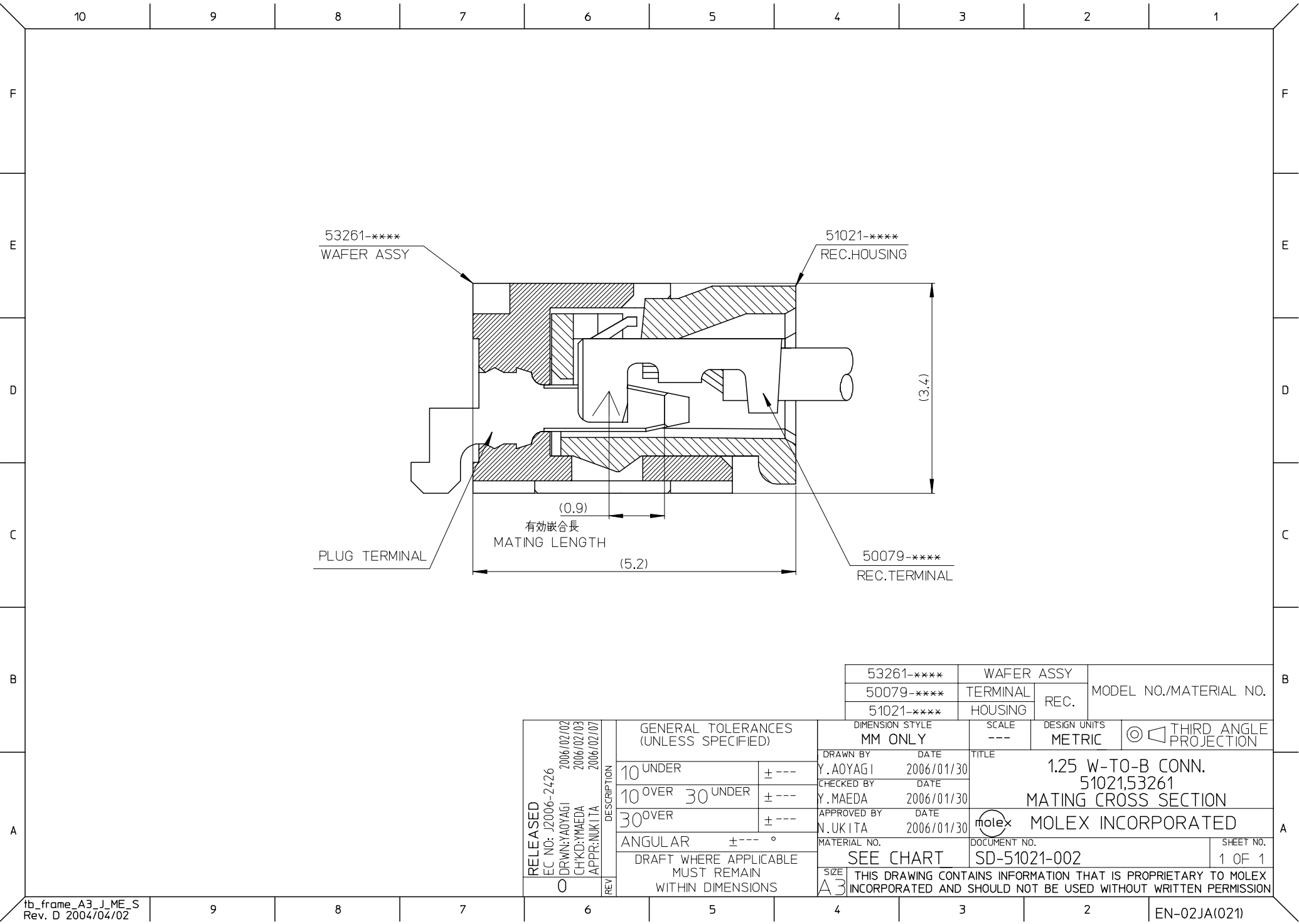
Material Info

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

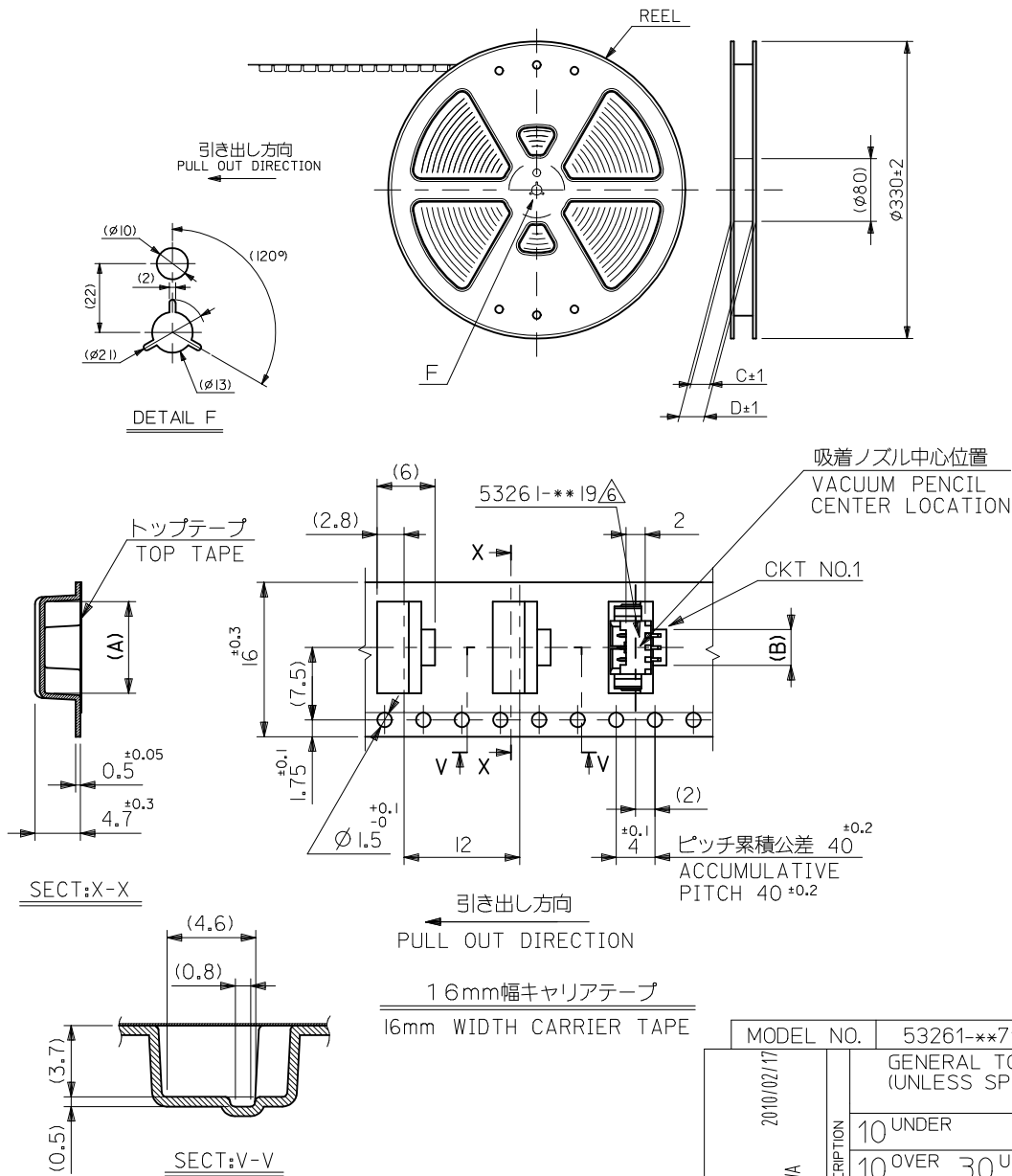
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53261-****	WAFER ASSY	MODEL NO./MATERIAL NO.
50079-****	TERMINAL	
51021-****	HOUSING	

RELEASED EC NO: J2006-2426 DRWN: YAOYAGI 2006/02/02 CHKD: YMAEDA 2006/02/03 APPR: NUKITA 2006/02/07 REV 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY Y. AOYAGI	DATE 2006/01/30	TITLE 1.25 W-TO-B CONN. 51021,53261 MATING CROSS SECTION				
		10 OVER 30 UNDER	± ---	CHECKED BY Y. MAEDA	DATE 2006/01/30					
		30 OVER	± ---	APPROVED BY N. UKITA	DATE 2006/01/30	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.			DOCUMENT NO.			SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART			SD-51021-002			1 OF 1
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

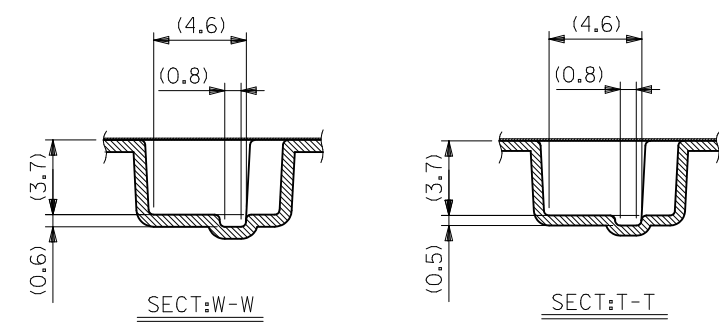
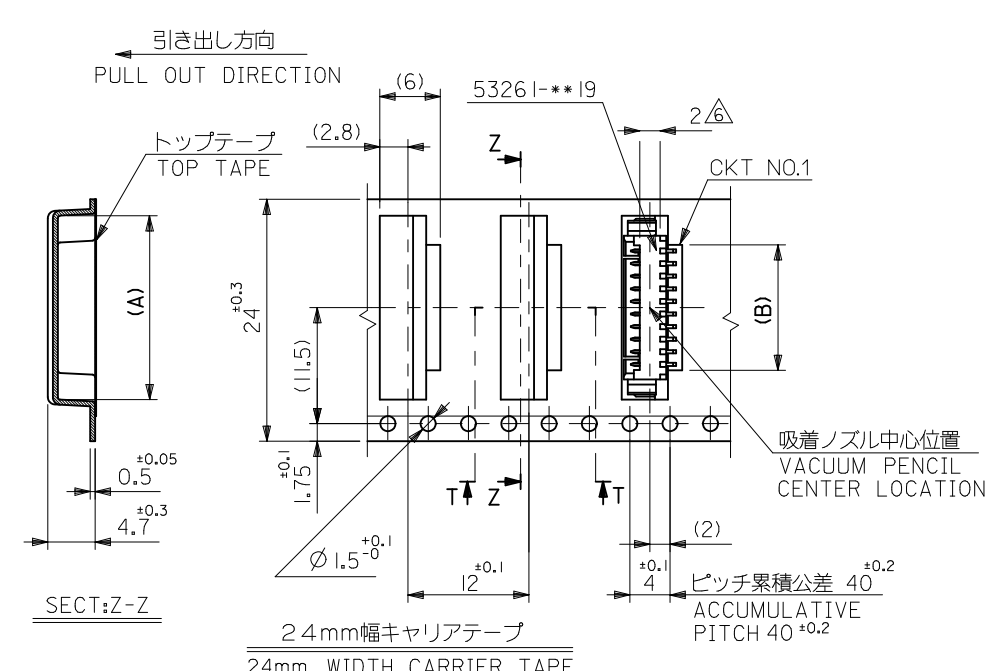
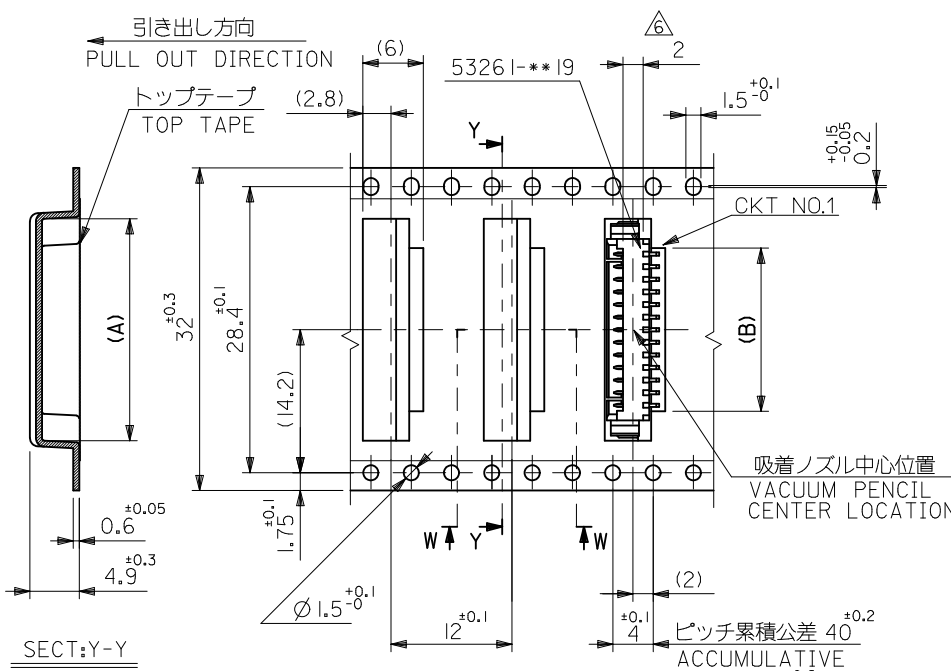
10 9 8 7 6 5 4 3 2 1



注記
NOTES

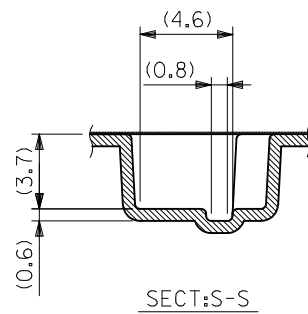
- 53261-**-19 の詳細寸法については図面 SD-53261-024 を参照下さい。
RE DETAILED DIMENSIONS, SEE SD-53261-024
- 梱包数量: 1000個/リール
NUMBER OF CONNECTOR: 1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH
トップテープリーダー部 TOP TAPE LEADER PART
トップテープ未接着部 TOP TAPE NON-BONDED PART
175⁺²⁵ 25⁺⁵
- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
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	極数 CKT.
		EMBOSSD TAPE PACKAGE				オーダー番号 ORDER NO.
MODEL NO.		53261-**-71		DIMENSION STYLE MM ONLY		SCALE ---
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY H. SHIMABUKUR		DATE '04/02/06		TITLE 1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG
10 UNDER		±0.2		CHECKED BY K. TOJO		DATE '04/02/06
10 OVER 30 UNDER		±0.25		APPROVED BY NUKITA		DATE 2010/02/18
30 OVER		±0.3		MATERIAL NO.		DOCUMENT NO.
ANGULAR ±3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE & SHEET 2,3		SHEET NO. 1 OF 3
REVISED EC NO: D		2010/02/17 DRWN: YGOTO CHKD: KASAKAWA APPR:		MOLEX INCORPORATED		



32	37.4	33.4	16.2	22	53261-1371	13
			14.95	20.75	-1271	12
			13.7	19.5	-1171	11
			12.45	18.25	-1071	10
			11.2	17	-0971	9
			9.95	15.75	-0871	8
			8.7	14.5	-0771	7
			7.45	13.25	-0671	6
			6.2	12	-0571	5
			4.95	10.75	53261-0471	4
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	B	A	EMBOSSD TAPE PACKAGE	極数 CKT.
					オーダー番号 ORDER NO.	

MODEL NO.	53261-**-71	DIMENSION STYLE	MM ONLY	SCALE	---	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION
REVISED	2010/02/17	GENERAL TOLERANCES (UNLESS SPECIFIED)	DRAWN BY H. SHIMABUKUR	DATE '04/02/06	TITLE	1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG		
EC NO.	DRWN:YGO10	10 UNDER ±0.2	CHECKED BY K. TOJO	DATE '04/02/06	APPROVED BY NUKITA	2010/02/18		
CHKD:KASAKAWA	APPR:	10 OVER 30 UNDER ±0.25	MATERIAL NO.	SEE TABLE & SHEET 13	DOCUMENT NO.	SD-53261-023		SHEET NO. 2 OF 3
REV		30 OVER ±0.3	SIZE	A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		ANGULAR ±3 °						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						



REVISED EC NO. DRWN:Y.GOTO CHKD:KASAKAWA D		DESCRIPTION 2010/02/17	GENERAL TOLERANCES (UNLESS SPECIFIED)		44		49.4	45.4	18.7 17.45	24.5 23.25	53261-I-157I 53261-I-147I	I5 I4
					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.	
MODEL NO.		53261-**-71			DIMENSION STYLE MM ONLY				SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
REV		DESCRIPTION	10 UNDER ±0.2		DRAWN BY DATE H. SHIMABUKUR '04/02/06		TITLE 1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG					
			10 OVER 30 UNDER ±0.25		CHECKED BY DATE K. TOJO '04/02/06							
			30 OVER ±0.3		APPROVED BY DATE NUKITA 2010/02/18							
			ANGULAR ±3 °		MATERIAL NO.							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE & SHEET 1.2		DOCUMENT NO. SD-53261-023		SHEET NO. 3 OF 3						
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