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Part Number: [0532610371](#)
Status: **Active**
Overview: [picoblade](#)
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, Lead-free, 3 Circuits

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

Agency Certification

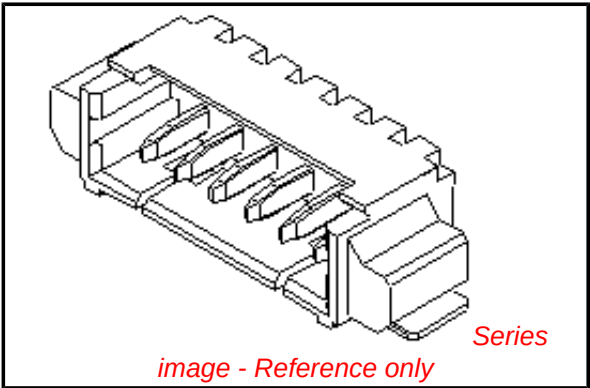
CSA LR19980
UL E29179

General

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

Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
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

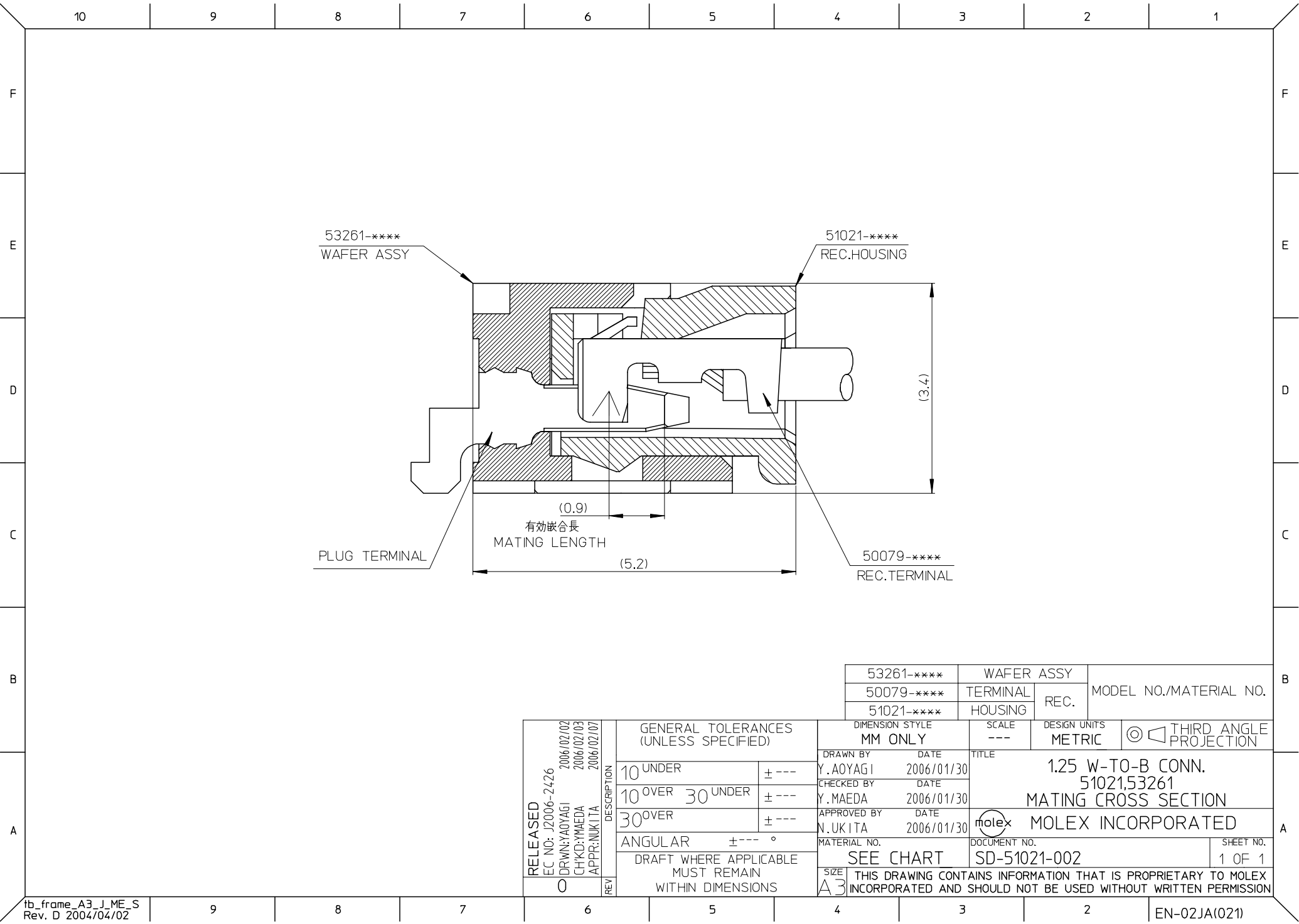
Material Info

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

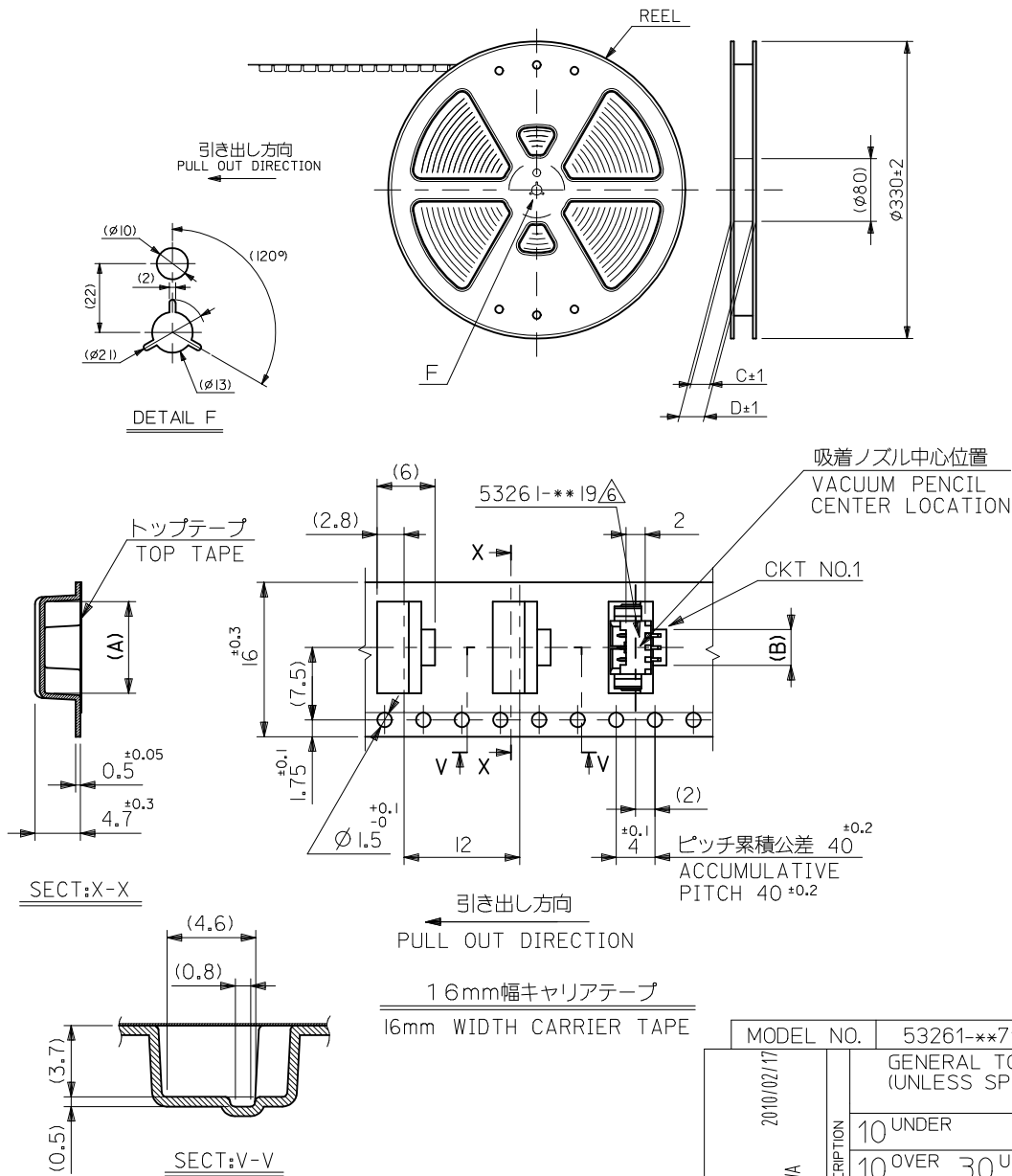
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53261-****	WAFER ASSY	MODEL NO./MATERIAL NO.
50079-****	TERMINAL	
51021-****	HOUSING	

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.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51021-002			1 OF 1
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

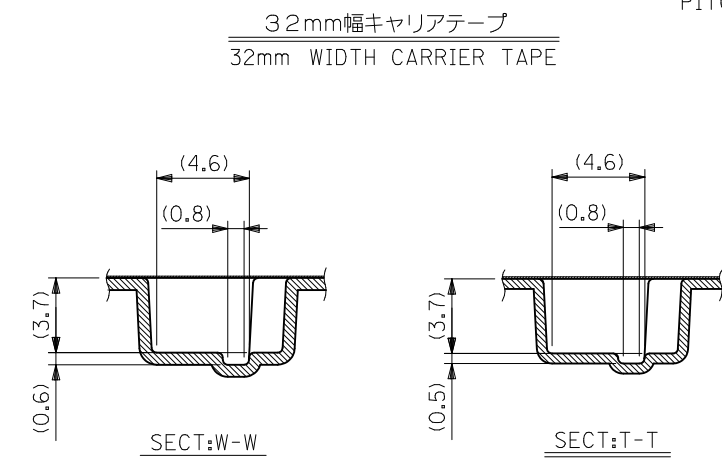
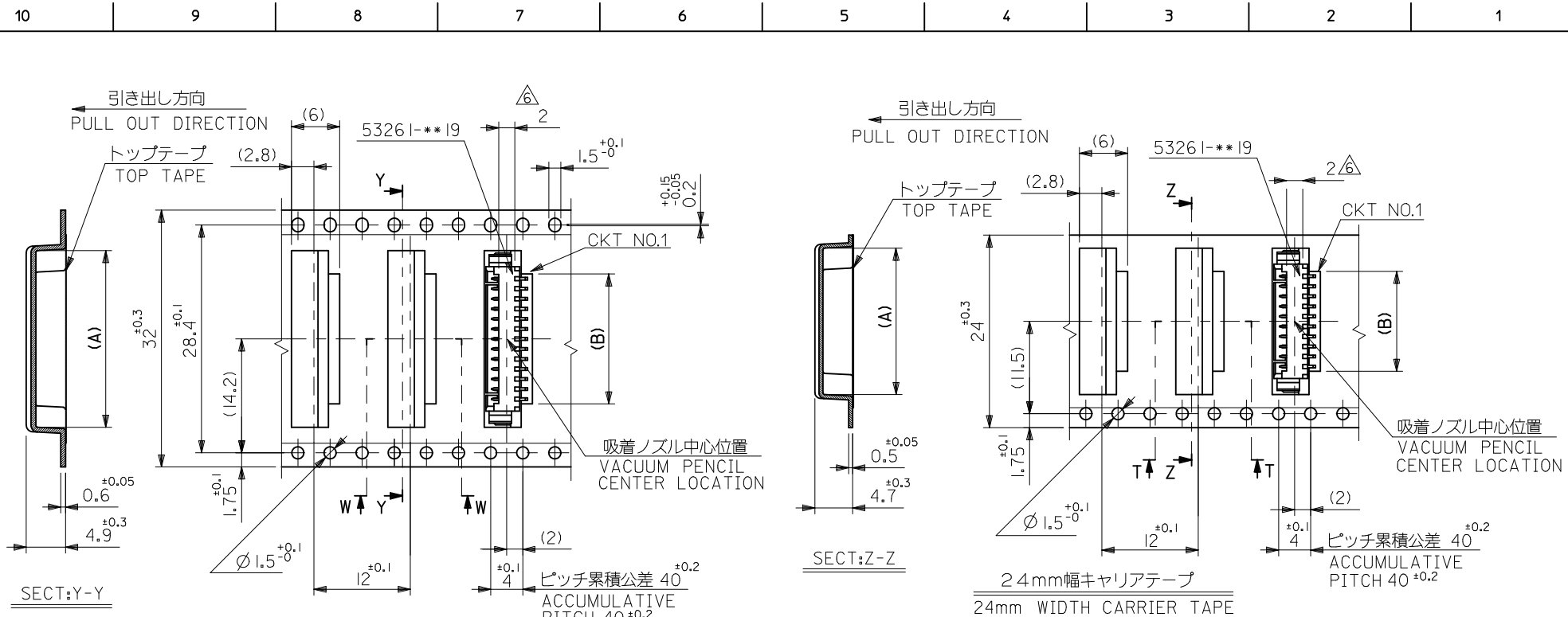
10 9 8 7 6 5 4 3 2 1



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 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.
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
± 0.2		DRAWN BY DATE H. SHIMABUKUR '04/02/06		TITLE 1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG			
± 0.25		CHECKED BY DATE K. TOJO '04/02/06					
± 0.3		APPROVED BY DATE NUKITA 2010/02/18					
3°		MATERIAL NO.		MOLEX MOLEX INCORPORATED		SHEET NO.	
APPLICABLE DIMENSIONS		SEE TABLE & SHEET 2.3		DOCUMENT NO. 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							



MODEL NO.		53261-**71		DIMENSION STYLE		MM ONLY		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
REVISED		2010/02/17		GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY		DATE		TITLE		1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG	
EC NO.		DRWN:YGO10		10 UNDER		H. SHIMABUKUR		'04/02/06		MOLEX INCORPORATED		SD-53261-023	
CHKD:KASAKAWA		10 OVER 30 UNDER		±0.25		K. TOJO		'04/02/06		DOCUMENT NO.		SHEET NO.	
APPR:		30 OVER		±0.3		APPROVED BY		DATE		2010/02/18		2 OF 3	
REV		ANGULAR		±3 °		NUKITA		MATERIAL NO.		SEE TABLE & SHEET 1.3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
D		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

