

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0532610971

Status:

Active

Overview:

[picoblade](#)

Description:

1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Right Angle, Lead-free, 9 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51021-024 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

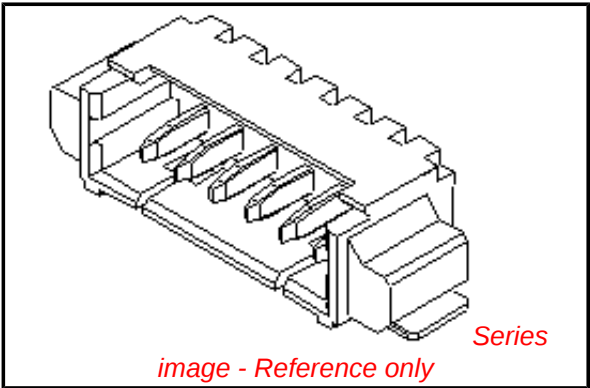
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	53261
Application	Wire-to-Board
Overview	picoblade
Product Name	PicoBlade™

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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

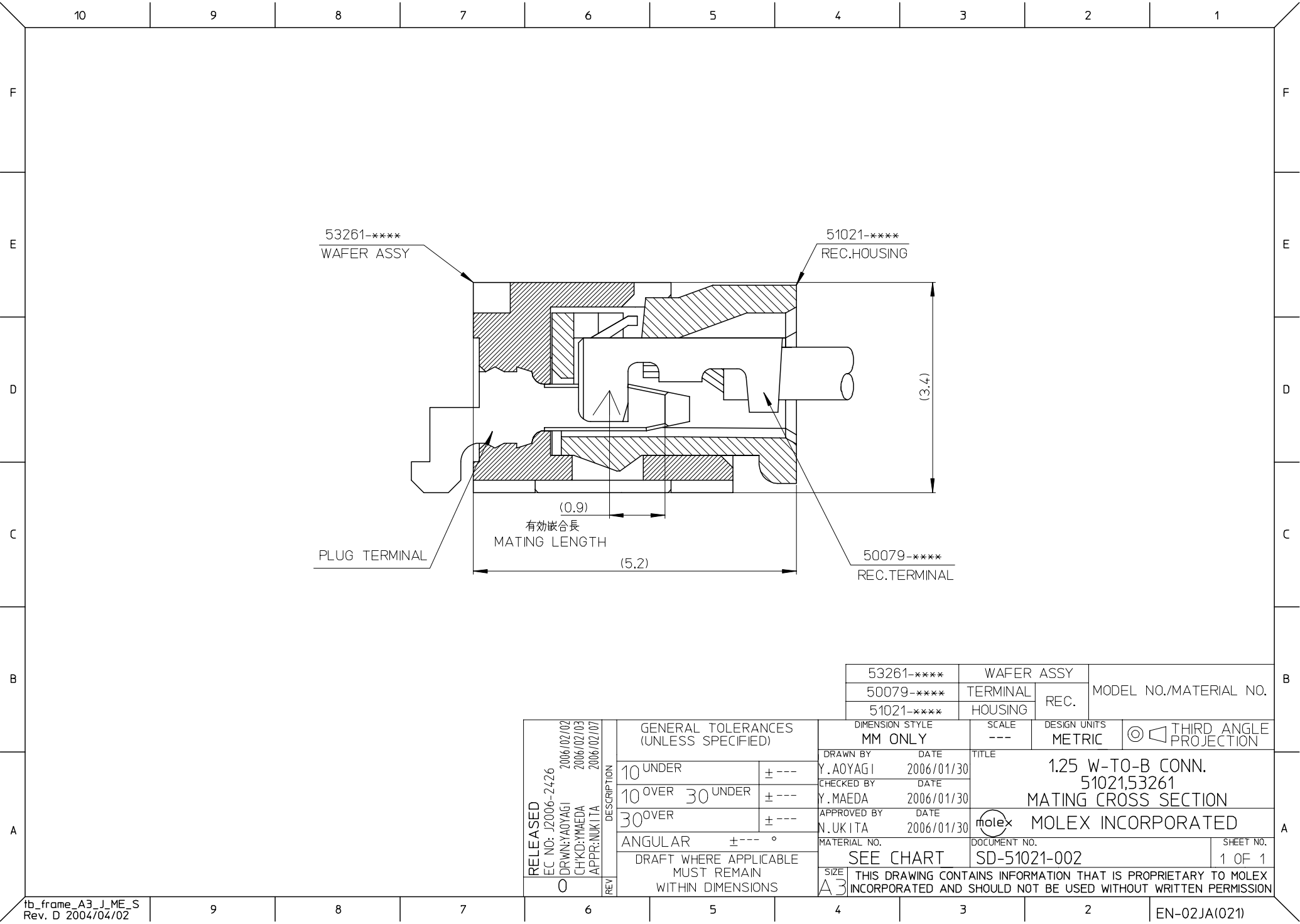
Material Info

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-51021-085, 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

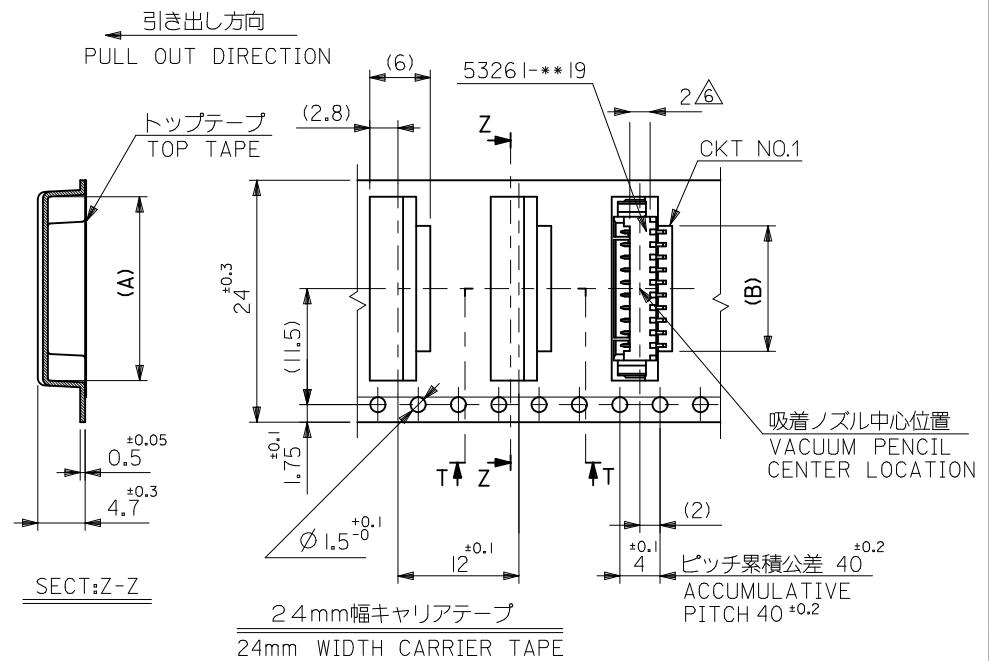
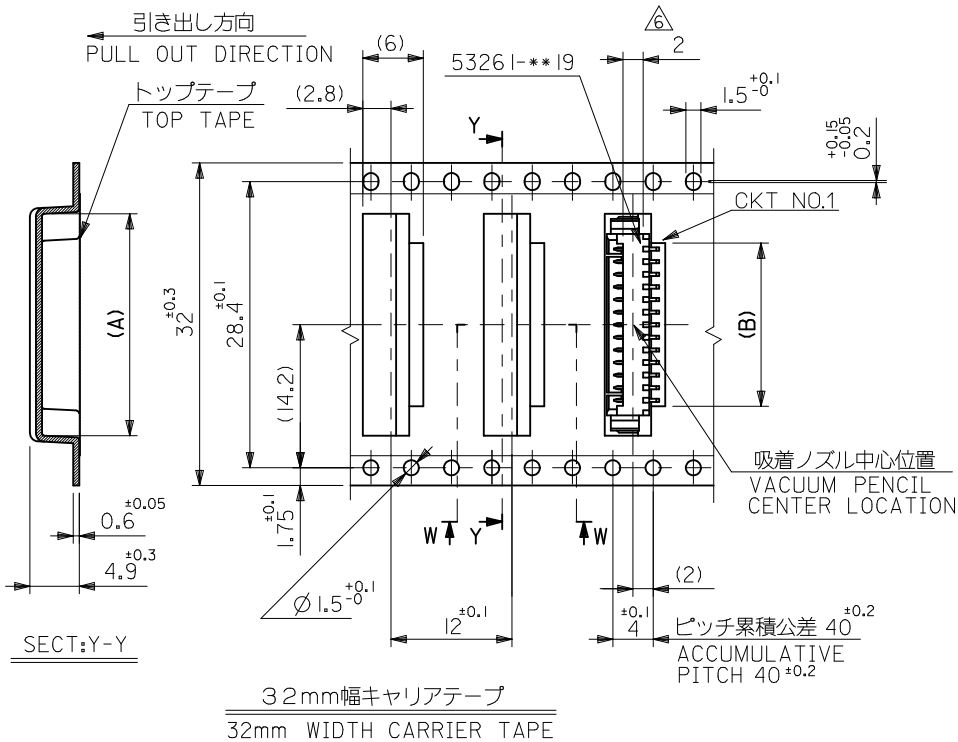
This document was generated on 05/25/2010

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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	± ---	Y.AOYAGI	2006/01/30	TITLE 1.25 W-TO-B CONN. 51021,53261 MATING CROSS SECTION				
		10 OVER 30 UNDER	± ---	Y.MAEDA	2006/01/30					
		30 OVER	± ---	N.UKITA	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		
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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
24	29.4	25.4	6.2	12	-0571	5
			4.95	10.75	53261-0471	4
			EMBOSSD TAPE PACKAGE			種数
			キャリアテープ幅 CARRIER TAPE WIDTH			CTK.
			D	C	B	A
			ORDER NO.			CTK.
			53261-**-71			
			DIMENSION STYLE MM ONLY			

REVISED EC NO: DRWN:YGO10 CHKD:KASAKAWA APPR: REV	DESCRIPTION 2010/02/17	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY H. SHIMABUKUR	DATE '04/02/06	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE '04/02/06					
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2010/02/18	MOLEX MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE & SHEET 1.3		SD-53261-023		2 OF 3		
	D	REV	SIZE A3 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

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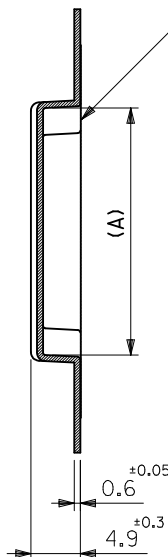
C

B

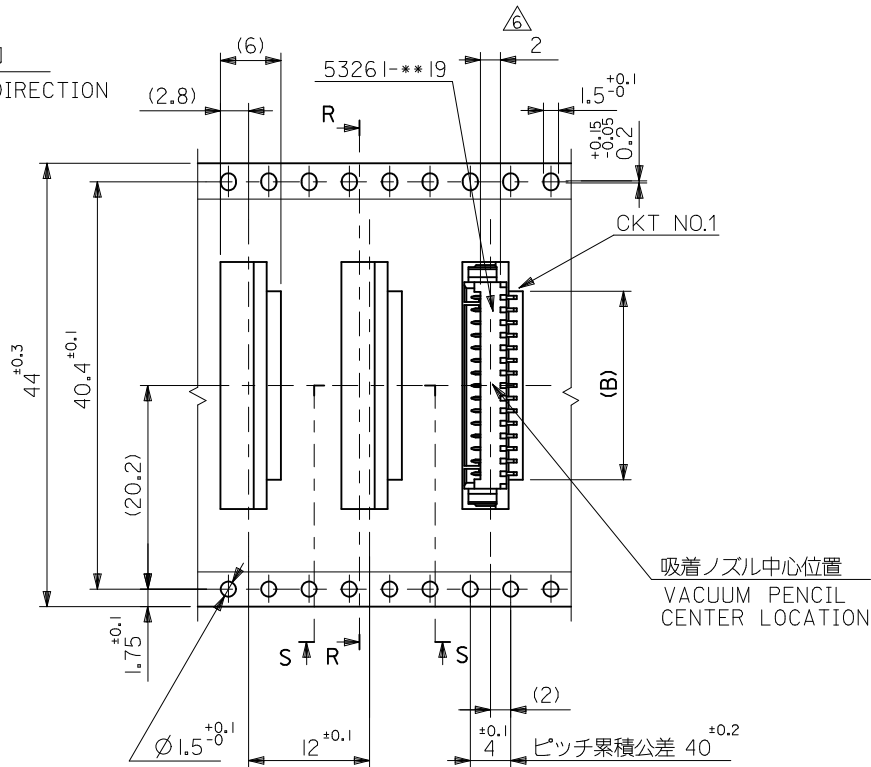
A

引き出し方向
PULL OUT DIRECTION

トップテープ
TOP TAPE

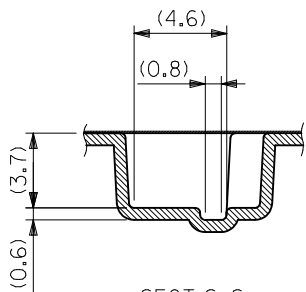


SECT:R-R



吸着ノズル中心位置
VACUUM PENCIL
CENTER LOCATION

44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE



SECT:S-S

MODEL NO. 53261-***71

REVISED
EC NO.
D
2010/02/17
DRWN:Y.GOTO
CHKD:KASAKAWA
APPR:
REV

DESCRIPTION
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
DRAWN BY H.SHIMABUKUR DATE '04/02/06
CHECKED BY K.TOJO DATE '04/02/06
APPROVED BY NUKITA DATE 2010/02/18
MATERIAL NO.
SEE TABLE & SHEET 12
SIZE A3

SCALE ---
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE 1.25 W/B CONN WAFER ASSY FOR SMT EMBSTP PKG
MOLEX INCORPORATED
DOCUMENT NO. SD-53261-023
SHEET NO. 3 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

44	49.4	45.4	18.7	24.5	53261-1571	I5
			17.45	23.25	53261-1471	I4
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.	

