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Part Number: [0510210700](#)
Status: **Active**
Overview: [picoblade](#)
Description: 1.25mm (.049") Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 7 Circuits

Documents:

3D Model	Product Specification PS-51021-022 (PDF)
Drawing (PDF)	Product Specification PS-51021-023 (PDF)
Product Specification PS-51021-001 (PDF)	Product Specification PS-51021-025 (PDF)
Product Specification PS-51021-002 (PDF)	Product Specification PS-51021-026 (PDF)
Product Specification PS-51021-009 (PDF)	Product Specification PS-51021-027 (PDF)
Product Specification PS-51021-010 (PDF)	Product Specification PS-51021-028 (PDF)
Product Specification PS-51021-011 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	51021
Overview	picoblade
Product Name	PicoBlade™

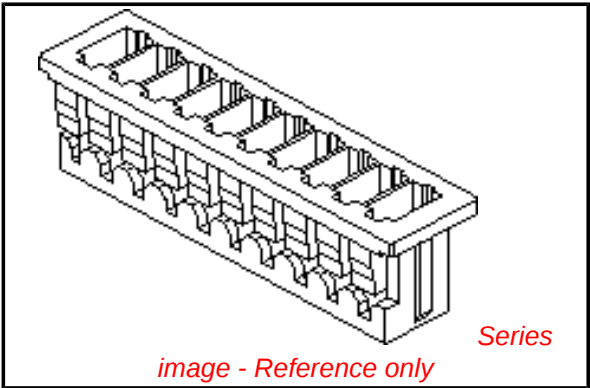
Physical

Circuits (maximum)	7
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Stackable	No
Temperature Range - Operating	-40°C to +85°C

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-51021
Product Specification	PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-025, PS-51021-026, PS-51021-027, PS-51021-028, RPS-51021-001, RPS-51021-002, RPS-51021-003, RPS-51021-004, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-009, RPS-51021-010, RPS-51021-011, RPS-51021-013, RPS-51021-014, RPS-51021-018, RPS-51021-020, RPS-51021-021, RPS-51021-023, RPS-51021-024, RPS-51021-025, RPS-51021-028, RPS-51021-030, RPS-51021-031, RPS-51021-032, RPS-51021-033, RPS-51021-034, RPS-51021-037,



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status

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

[51021Series](#)

Mates With

[51047](#) Crimp Housing, [53047](#) PCB Header, [53048](#) PCB Header, [53261](#) PCB Header, [53398](#) PCB Header

Use With

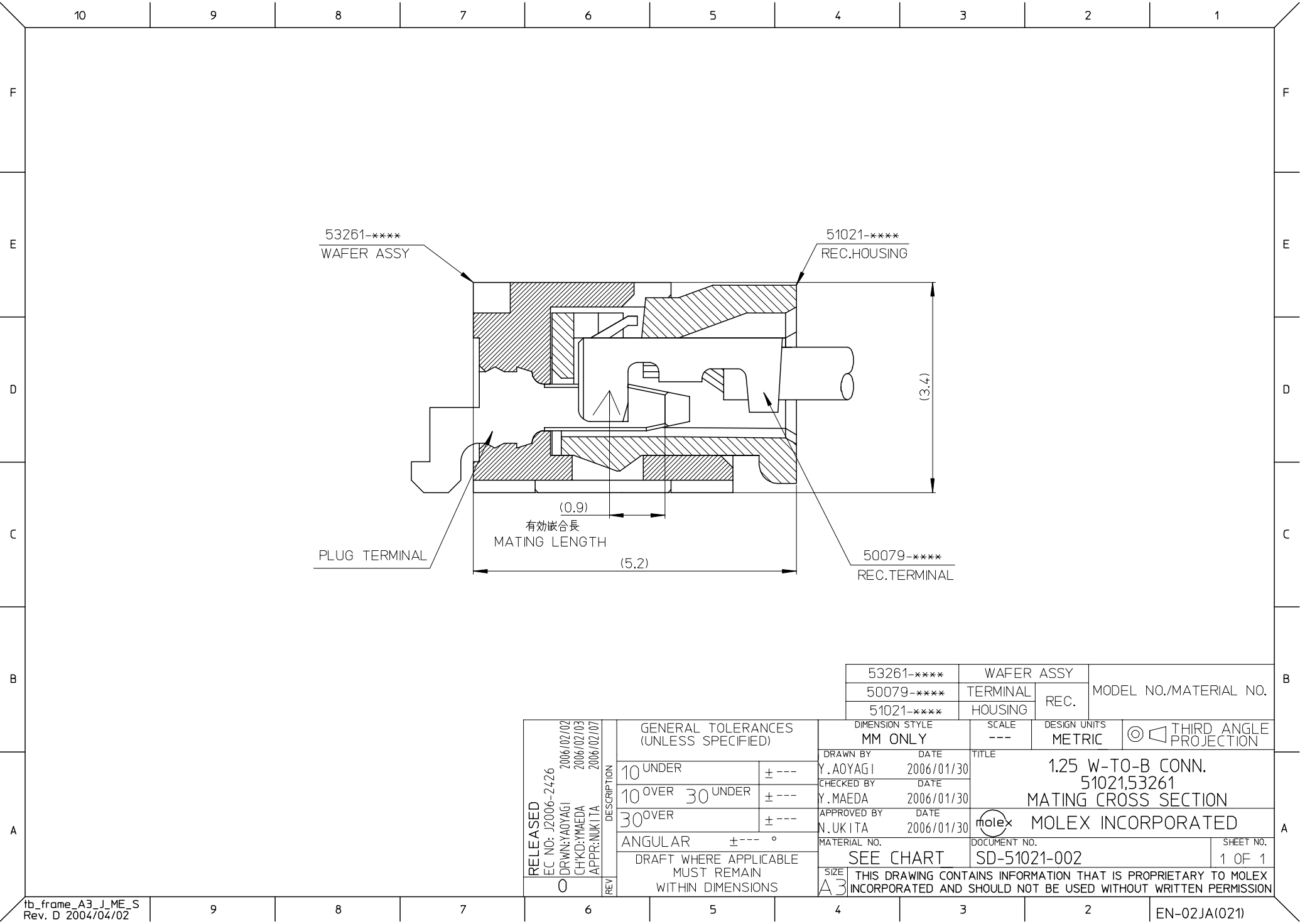
[50058](#) crimp terminal, [50079](#) crimp terminal

Sales Drawing

RPS-51021-038, RPS-51021-039, RPS-51021-040,
RPS-51021-041, RPS-51021-042, RPS-51021-043,
RPS-51021-044, RPS-51021-045, RPS-51021-046,
RPS-51021-047, RPS-51021-048, RPS-51021-051,
RPS-51021-052, RPS-51021-053, RPS-51021-054,
RPS-51021-055, RPS-51021-056, RPS-51021-057,
RPS-51021-058, RPS-51021-059, RPS-51021-060,
RPS-51021-061, RPS-51021-062, RPS-51021-063,
RPS-51021-064, RPS-51021-065, RPS-51021-066,
RPS-51021-067, RPS-51021-068, RPS-51021-071,
RPS-51021-072, RPS-51021-073, RPS-51021-074,
RPS-51021-076, RPS-51021-077, RPS-51021-078,
RPS-51021-079, RPS-51021-081, RPS-51021-084,
RPS-51021-085, RPS-51021-086, RPS-51021-089,
RPS-51021-091, RPS-51021-092, RPS-51021-096,
RPS-51021-097, RPS-51021-101, RPS-53398-002,
RPS-53398-037, RPS-53398-038
SD-51021-**-00, SD-51021-002

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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						