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Part Number:

0510210700

Status:

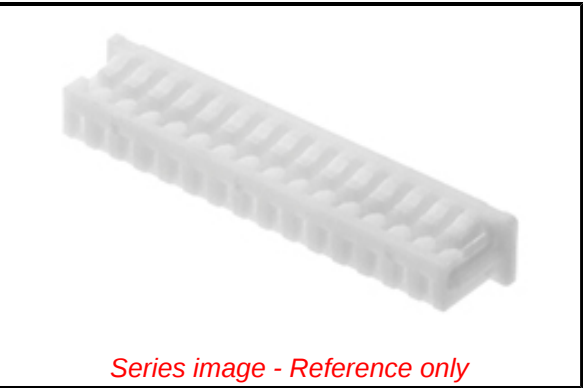
Active

Overview:

PicoBlade Connector System

Description:

1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 7 Circuits, Natural



Documents:	
Drawing (PDF)	Product Specification PS-51021-009-001 (PDF)
3D Model	Product Specification PS-51021-010-001 (PDF)
3D Model (PDF)	Product Specification PS-51021-024-001 (PDF)
Product Specification 510210000-PS-000 (PDF)	Product Specification PS-51021-025-001 (PDF)
Product Specification 510210001-PS-000 (PDF)	Product Specification PS-51021-026-001 (PDF)
Product Specification 510211000-PS-000 (PDF)	Product Specification PS-51021-027-001 (PDF)
Product Specification 510211001-PS-000 (PDF)	Application Specification 510210000-AS-000 (PDF)
Product Specification 510211009-PS-000 (PDF)	Application Specification 510210001-AS-000 (PDF)
Product Specification 510211010-PS-000 (PDF)	Packaging Specification SPK-51021-001-001 (PDF)
Product Specification 510211024-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Crimp Housings
Series	51021
Application	Signal, Wire-to-Board, Wire-to-Wire
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753575646
Physical	
Circuits (maximum)	7
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	66.300/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Material Info	
Reference - Drawing Numbers	
Application Specification	510210000-AS-000, 510210001-AS-000
Packaging Specification	SPK-51021-001-001
Product Specification	510210000-PS-000, 510210001-PS-000, 510211000-PS-000, 510211001-PS-000, 510211009-PS-000, 510211010-PS-000, 510211024-PS-000, PS-51021-009-001, PS-51021-010-001,

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

51021 Series

Mates With

PicoBlade Header [53261](#) , [53047](#) , [53398](#) , [53048](#) . PicoBlade Plug Housing [51047](#)

Use With

PicoBlade Crimp Terminal [50058](#) , [50079](#) . PicoBlade Pre-Crimped Lead [214920](#) , [214921](#) , [797580006](#) , [797580014](#) , [797581059](#) , [797581060](#) , [797581061](#) , [797581062](#) , [797581063](#)

This document was generated on 03/17/2021

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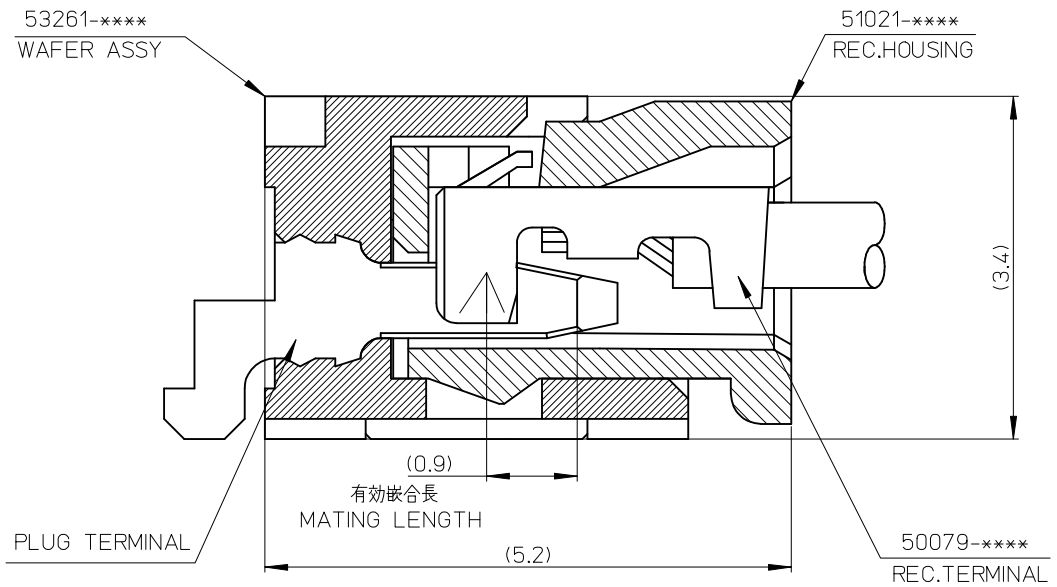
E

D

C

B

A

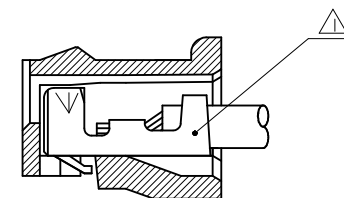
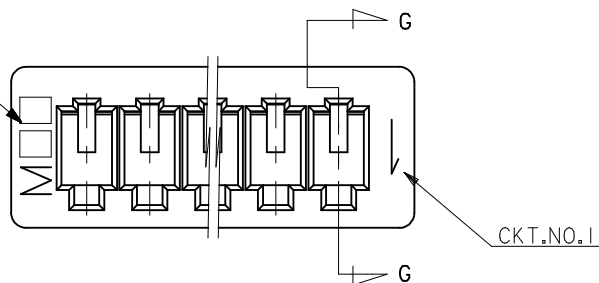


53261-****	WAFER ASSY		MODEL NO./MATERIAL NO.
50079-****	TERMINAL	REC.	
51021-****	HOUSING		

RELEASED EC NO: J2006-2426 DRWN:YA0YAGI CHKD:YMAEDA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY Y.A0YAGI	DATE 2006/01/30	TITLE 1.25 W-T0-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					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO. SD-51021-002		SHEET NO. 1 OF 1		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART						
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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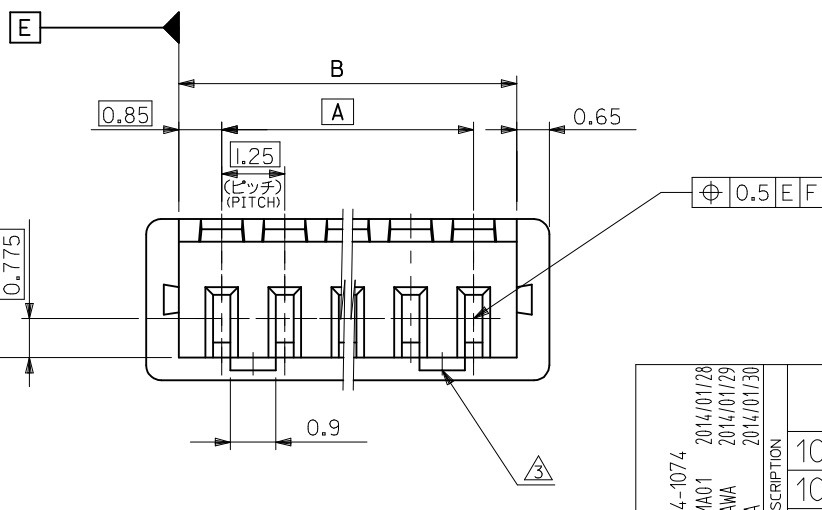
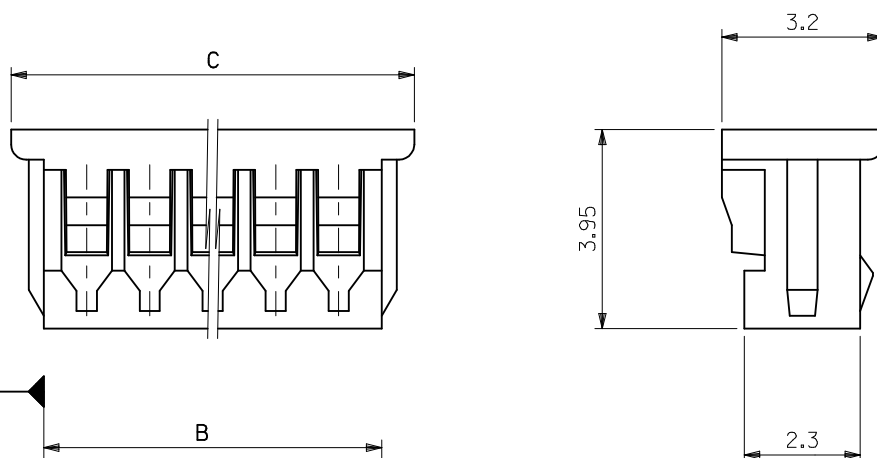
トレードマーク
TRADE MARK



SECT. G-G

注記 NOTES

- △ 適合ターミナル : 50058, 50079 シリーズ
APPLICABLE TERMINAL : 50058, 50079 SERIES
- 2 嵌合相手 : 53047, 53048, 53261, 53398 シリーズ
MATE WITH : 53047, 53048, 53261, 53398 SERIES
- △ ロックは、2, 3極は1ヶ, 4極以上は2ヶとする。
LOCKING WINDOW : ONE PLACE FOR 2 & 3 CKT.
AND TWO PLACES FOR MORE THAN 3 CKT.



MATERIAL
PBTP UL94V-0

20.5	19.2	17.5	51021-1500	15
19.25	17.95	16.25	-1400	14
18	16.7	15	-1300	13
16.75	15.45	13.75	-1200	12
15.5	14.2	12.5	-1100	11
14.25	12.95	11.25	-1000	10
13	11.7	10	-0900	9
11.75	10.45	8.75	-0800	8
10.5	9.2	7.5	-0700	7
9.25	7.95	6.25	-0600	6
8	6.7	5	-0500	5
6.75	5.45	3.75	-0400	4
5.5	4.2	2.5	-0300	3
4.25	2.95	1.25	51021-0200	2
C	B	A	ENG.NO.	極数 CKTS.

REVISED EC NO: J2014-1074 DRWN: TYAJI MA01 CHKD: KASAKAWA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.20	DRAWN BY TYAJI MA01	DATE 2014/01/28	TITLE 1.25 W/B CONN. REC. HOUSING		
		10 OVER 30 UNDER	± 0.25	CHECKED BY KASAKAWA	DATE 2014/01/29			
		30 OVER	± 0.30	APPROVED BY NUKITA	DATE 2014/01/30			
		ANGULAR ±3 °		MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51021-005		1 OF 1	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2