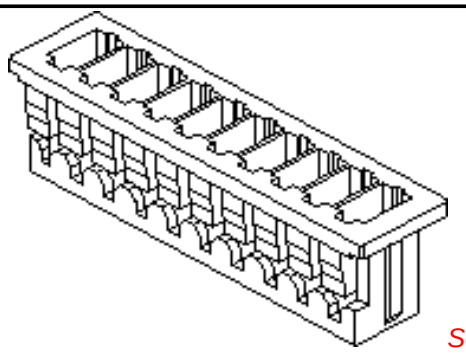
This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0510211100
Status: Active
Overview: picoblade
Description: 1.25mm (.049") Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 11 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51021-001 (PDF)
Product Specification PS-51021-002 (PDF)
Product Specification PS-51021-010 (PDF)
Product Specification PS-51021-011 (PDF)
Product Specification PS-51021-022 (PDF)
Product Specification PS-51021-023 (PDF)
Product Specification PS-51021-026 (PDF)
Product Specification PS-51021-027 (PDF)
Product Specification PS-51021-028 (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)	11
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-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, 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, RPS-51021-038, RPS-51021-039, RPS-51021-040, RPS-51021-041, RPS-51021-042,

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

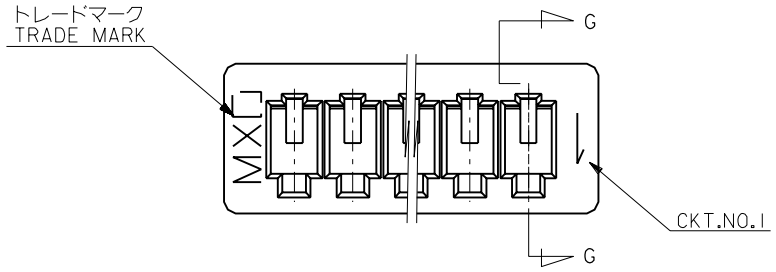
Please visit the Contact Us section for any non-product compliance questions.

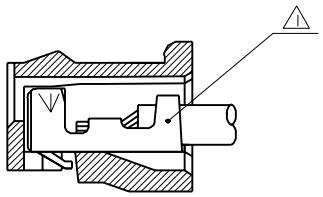
Search Parts in this Series
51021Series

Mates With
51047 Crimp Housing, 53047 PCB Header, 53048 PCB Header, 53261 PCB Header, 53398 PCB Header

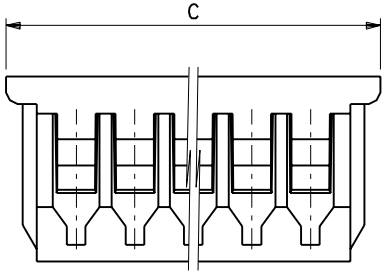
Use With
50058 crimp terminal, 50079 crimp terminal

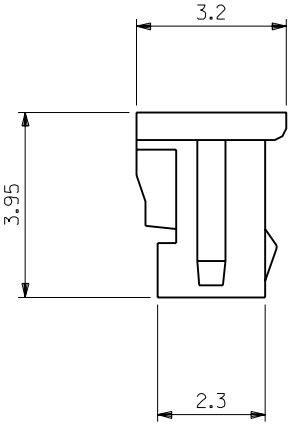
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Sales Drawing	SD-51021-**00, SD-51021-002

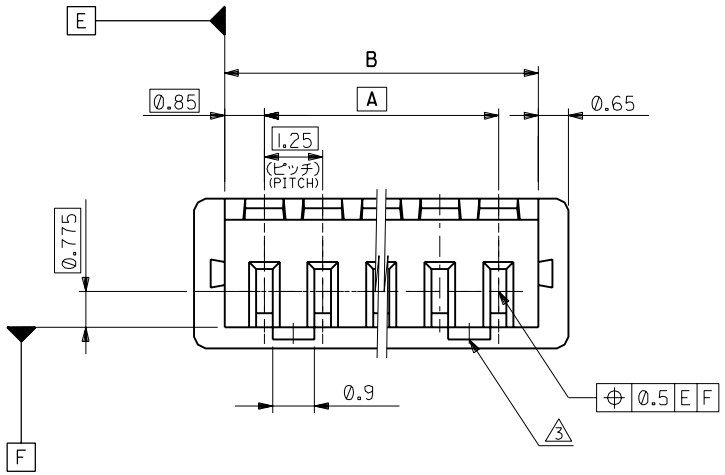




SECT. G-G







注記 NOTES

1. 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
3. 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.

C	B	A	ENG.NO.	極数 CKTS.
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

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
D	変更及び再作図 REVISED&REDRAWN (J30522)	K.T H.H	'93/6/1

材料 MATERIAL: PBTP UL94V-0

仕上げ FINISH

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

DRAWN BY '93/6/1 K.TOJO

CHK'D BY '93/6/1 H.HIRAMOTO

APP'D BY '93/6/1 M.FUKUSHIMA

尺度 SCALE 10 : 1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称

1.25 WIRE TO BOARD CONN. RECEPTACLE HOUSING

DWG. NO. SD-51021-**00

REV D

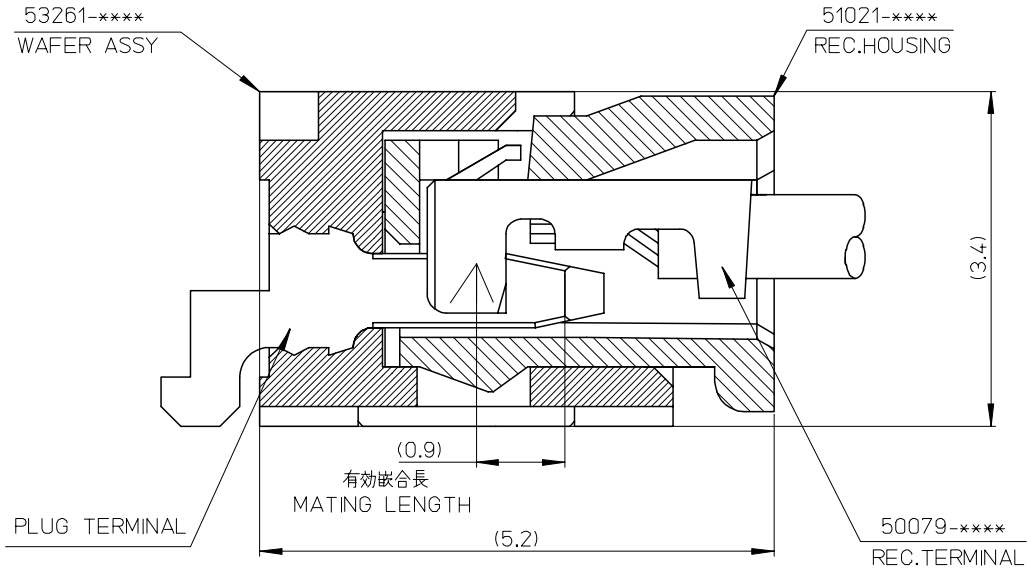
DWG. NO. SD-51021-**00

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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EN-0IC(032)MXJ-32

5102-LS11



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

RELEASED
EC NO: J2006-2426
DRWN:YAOYAGI 2006/02/02
CHKD:YMAEDA 2006/02/03
APPR:NUKITA 2006/02/07

REV	DESCRIPTION
0	

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	
MM ONLY	---	METRIC	THIRD ANGLE PROJECTION

DRAWN BY	DATE
Y.AOYAGI	2006/01/30
CHECKED BY	DATE
Y.MAEDA	2006/01/30
APPROVED BY	DATE
N.UKITA	2006/01/30

TITLE
1.25 W-TO-B CONN.
51021,53261
MATING CROSS SECTION

molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-51021-002	1 OF 1

SIZE A3

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