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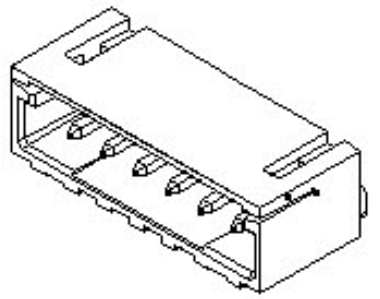
Part Number: 0533250360
Status: Active
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Header, Single Row, Right Angle, Lead-free, 3 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51090-016 (PDF)
Product Specification PS-52484-021 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	53325
Application	Wire-to-Board
Product Name	Mi II™

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	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C

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
53325Series

Mates With
52484 Wire-to-Board IDT Recpetacle.,
51090 Crimp Terminal

Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51090-016, PS-52484-021, RPS-51090-001, RPS-51090-002, RPS-51090-013, RPS-51090-015, RPS-51090-017, RPS-51090-022, RPS-52484-019, RPS-52484-022, RPS-52484-023, RPS-52484-025, RPS-52484-026, RPS-53324-001
Sales Drawing	SD-53325-002

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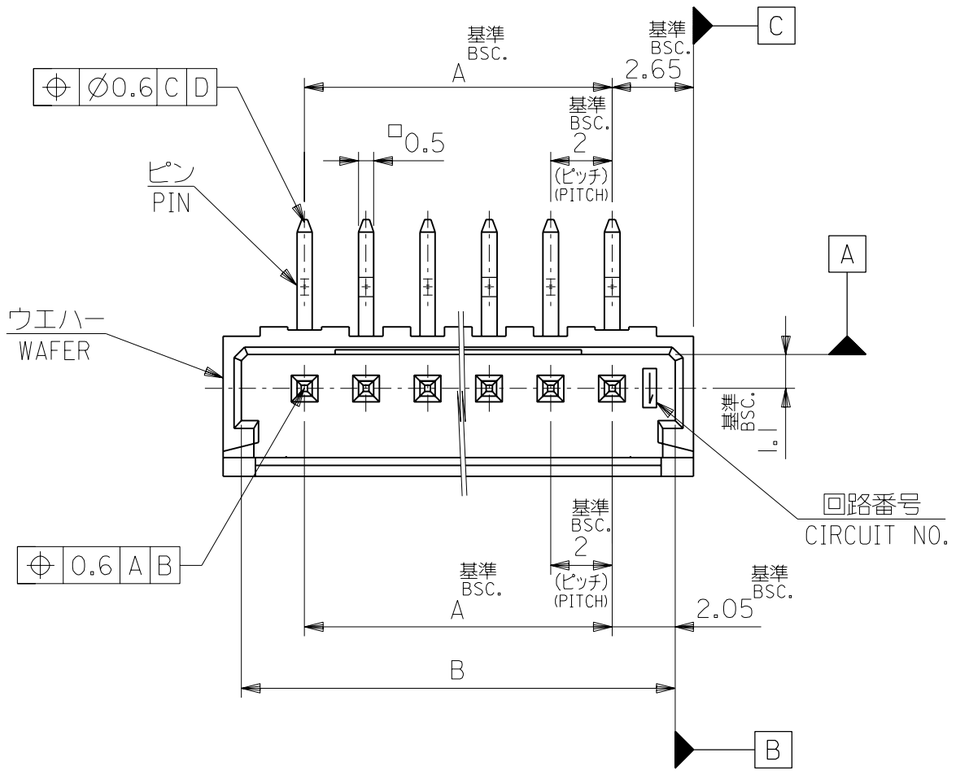
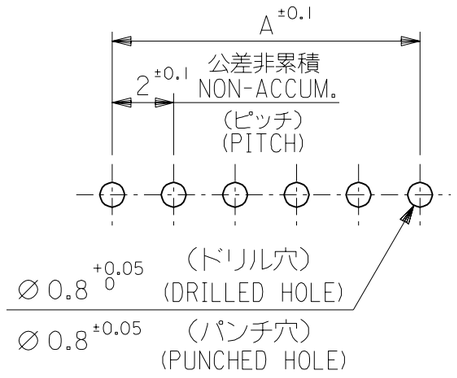
DWG. NO. SD-53325-002





基板取付穴推奨寸法（t＝1．6）

RECOMMENDED P.C. BOARD HOLE DIM.（t＝1．6）

注 記 NOTES

1. 嵌合相手：51090-**00, 52484-**1*
MATES WITH

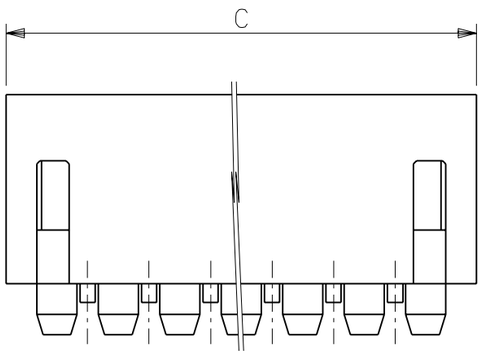
2. 材質
MATERIAL
ウエハー：ＰＢＴ（ガラス１５%入り）
ＵＬ９４Ｖ－０
WAFER : PBT (G.F. 15%), UL94V-0
ピン : 黄銅、スズメッキ
PIN : BRASS, PRE-TINNED

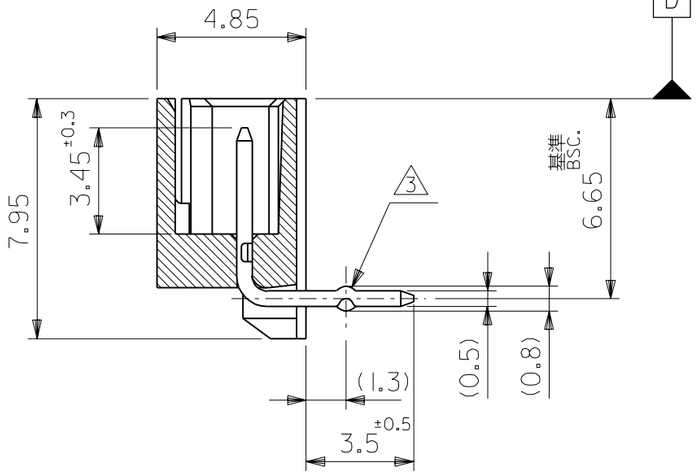
3 キンクは全ピンに交互に付加。２極はキンク無し。
SET KINK ALTERNATELY TO ALL CIRCUITS.
CIRCUIT 2 HAS NO KINK.

4. 製品番号
MATERIAL NO.
53325-**6*
極数CIRCUIT SIZE
色COLOR

ナチュラル（白） NATURAL(WHITE)	0
赤 RED	2
黄 YELLOW	3
青 BLUE	4

無 鉛
LEAD FREE





極数 CKT.	C	B	A	4. MATERIAL NO.	MODEL NO.
15	33.3	32.1	28	53325-156*	53325-**6*
14	31.3	30.1	26	-146*	
13	29.3	28.1	24	-136*	
12	27.3	26.1	22	-126*	
11	25.3	24.1	20	-116*	
10	23.3	22.1	18	-106*	
9	21.3	20.1	16	-096*	
8	19.3	18.1	14	-086*	
7	17.3	16.1	12	-076*	
6	15.3	14.1	10	-066*	
5	13.3	12.1	8	-056*	
4	11.3	10.1	6	-046*	
3	9.3	8.1	4	-036*	
2	7.3	6.1	2	53325-026*	

DO NOT SCALE DRAWING

REV	DESCRIPTION	DRWN	CH'K	APPR	DATE
A	RELEASED ECO NO. J2003-1741	S.SHIBATA	T.KANEKO	YO.ITO	'02/12/25

MATERIAL 材料: 注記参照 SEE NOTES
FINISH 仕上げ:
WIRE RANGE 適用電線範囲:
INS. RANGE 被覆外径:

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE 5-1 | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV

DRAWN BY & DATE: S.Shibata '02/12/25
CHECKED BY & DATE: J.Miyazawa '02/12/25
APPROVED BY & DATE: Y.Ito '02/12/25
CAD FILENAME: SD-53325-002.DGN

TITLE: 2.0 WIRE TO BOARD CONN. WAFER ASS'Y (R/A)

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MATERIAL NO.: SEE CHART | DRAWING NO.: SD-53325-002 | SHEET NO.: 1 OF 1 | SIZE: B

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