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Part Number: [0533240660](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Header, Single Row, Vertical, Lead-free, 6 Circuits

Documents:

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

Agency Certification

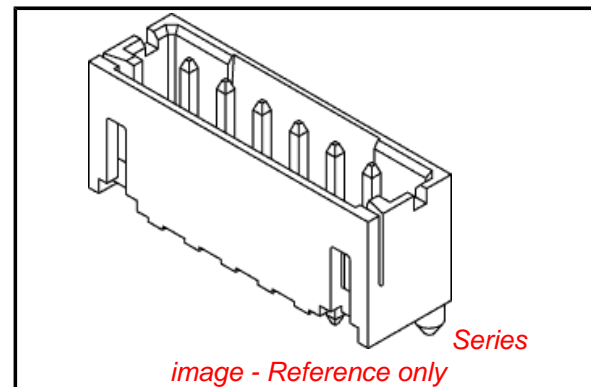
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [53324](#)
 Application Wire-to-Board
 Product Name Mi II™

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 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 Nylon
 Number of Rows 1
 Orientation Vertical
 PC Tail Length (in) 0.138 In
 PC Tail Length (mm) 3.50 mm
 PCB Locator Yes
 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 Yes
 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
 Not Reviewed
Halogen-Free Status
Not Reviewed

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

[53324Series](#)

Mates With

[52484](#) Wire-to-Board IDT Receptacle.,
[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-51090-017, RPS-51090-022, RPS-52484-022,
RPS-52484-025, RPS-52484-026, RPS-53324-001
SD-53324-003

Sales Drawing

This document was generated on 04/16/2010

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DWG. NO. SD-53324-003

F

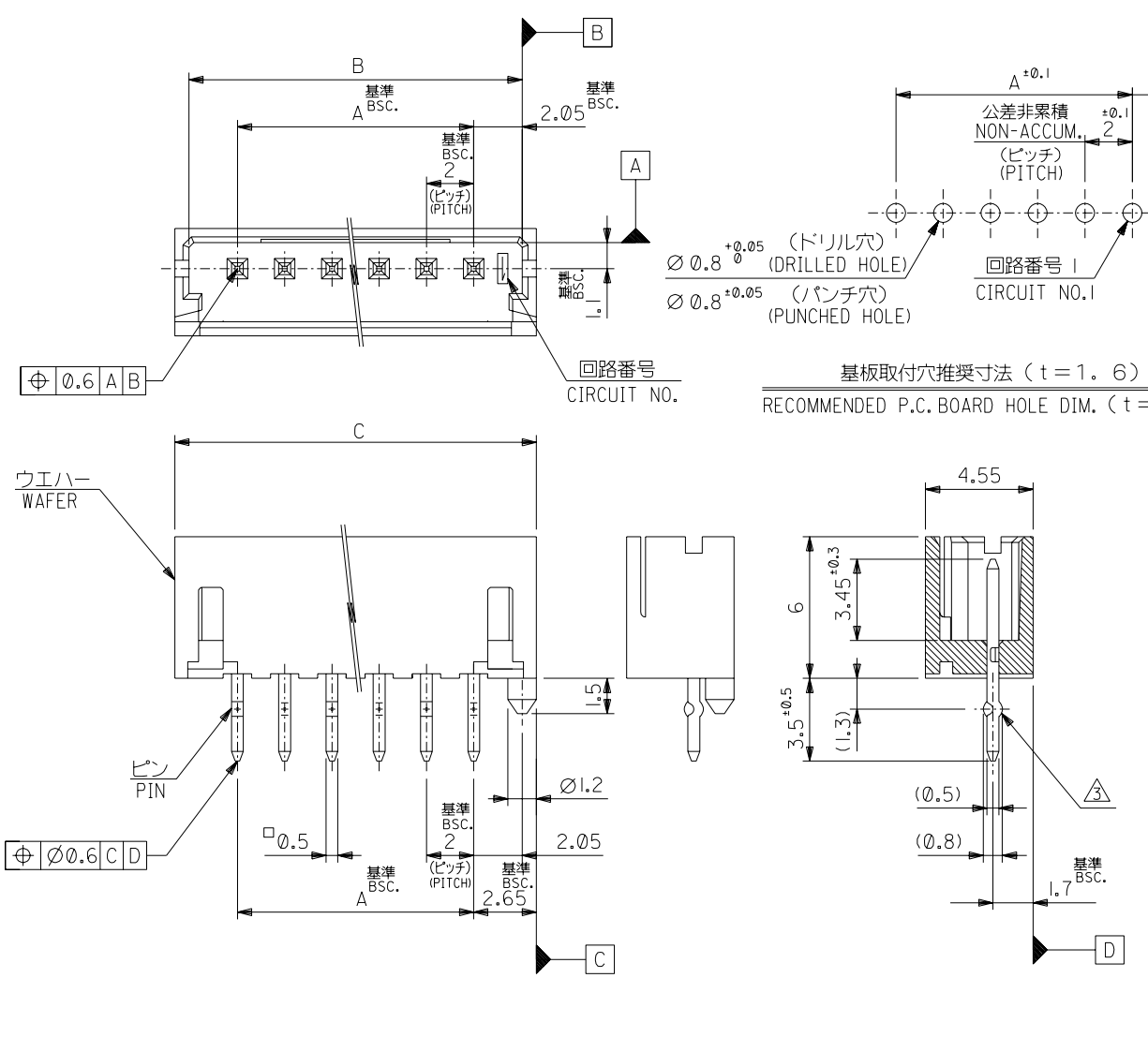
D

V

C

B

DO NOT SCALE DRAWING



注記 NOTES

1. 嵌合相手: 51090-***00, 52484-***1*
MATES WITH
2. 材質 MATERIAL
ウエハー: ガラス入り 66ナイロン
UL94V-0 色: 表参照
WAFER: GLASS FILL 66 NYLON
UL94V-0, COLOR: SEE CHART
ピン: 黄銅, スズメッキ
PIN: BRASS, PRE-TINNED

△ キングは全ピンに交互に付加。2極はキング無し。
SET KINK ALTERNATELY TO ALL CIRCUITS.
CIRCUIT 2 HAS NO KINK.

△ 製品番号 MATERIAL NO.

53324-***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

基板取付穴推奨寸法 (t=1.6)
RECOMMENDED P.C. BOARD HOLE DIM. (t=1.6)

15	33.3	32.1	28	53324-156*	53324-***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	53324-026*		
極数	CKT.	C	B	A		△ MATERIAL NO.

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASD ECNNO: J20003-2361 DRWN: A.IDA '03/03/13 CHK: J.MIYAZAWA '03/03/13 APPR: YO.IITO '03/03/13	DESCRIPTION MATERIAL 材料 FINISH 仕上げ WIRE RANGE 適用線径範囲 INS. RANGE 被覆外径	注記参照 SEE NOTES	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 <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH DRAWN BY & DATE A. Ida '03/03/13 CHECKED BY & DATE J. Miyazawa '03/03/13 APPROVED BY & DATE Y. Ito '03/03/13	THIRD ANGLE PROJECTION DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY SHT REV REVISE ON CAD ONLY	TITLE: 2.0 WIRE TO BOARD CONN. WAFER ASS'Y (ST.) MOLEX MOLEX INCORPORATED	CAD FILENAME SD-53324-003.S01 MATERIAL NO. SEE CHART DRAWING NO. SD-53324-003 SHEET NO. 1 OF 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. SIZE B
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