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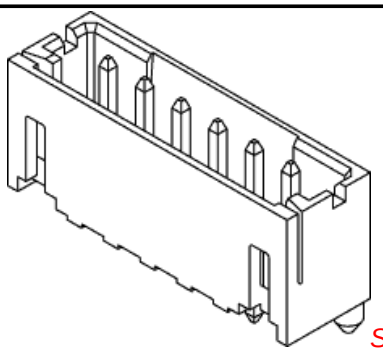
Part Number: 0533241360
Status: Active
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Header, Single Row, Vertical, Lead-free, 13 Circuits



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	53324
Application	Wire-to-Board
Product Name	Mi II™

Physical

Breakaway	No
Circuits (Loaded)	13
Circuits (maximum)	13
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 Recpetacle.,
51090 Crimp Terminal

Termination Interface: Style	Through Hole

Electrical

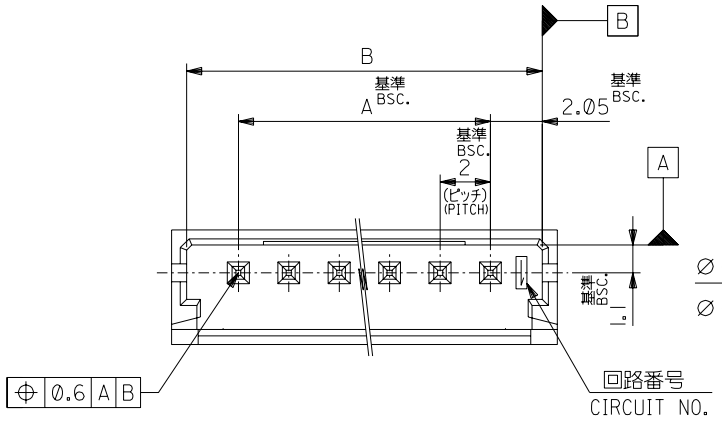
Current - Maximum per Contact	2A
Voltage - Maximum	125V

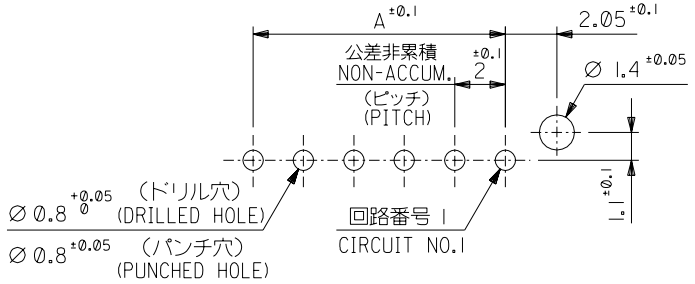
Material Info

Reference - Drawing Numbers

Product Specification	PS-51090-016, PS-52484-021, RPS-51090-001, RPS-51090-017, RPS-51090-022, RPS-52484-022, RPS-52484-025, RPS-52484-026, RPS-53324-001
Sales Drawing	SD-53324-003

DWG. NO. SD-53324-003





注 記 NOTES

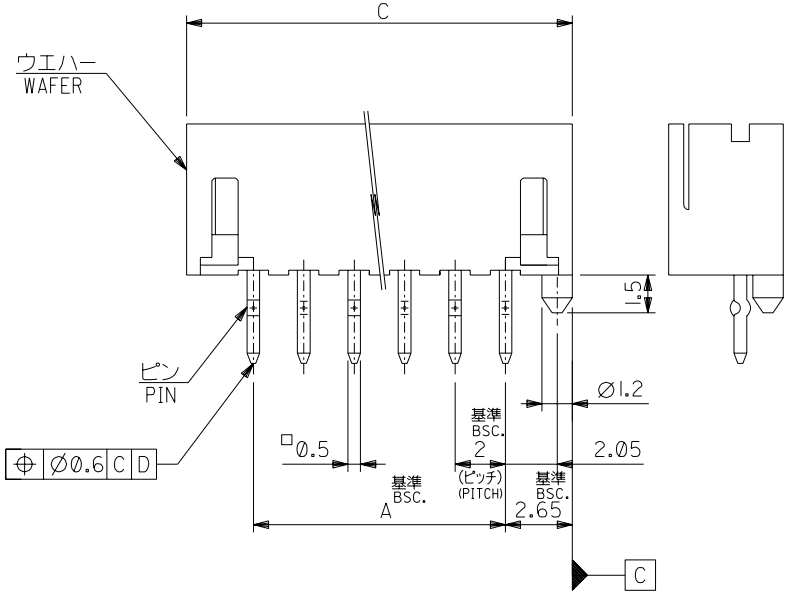
1. 嵌合相手：51090-**00, 52484-**1*
   MATES WITH
2. 材質
   MATERIAL
   ウエハー：ガラス入り 66ナイロン UL94V-0 色：表参照
   WAFER : GLASS FILLE 66 NYLON UL94V-0, COLOR : SEE CHART
   ピン : 黄銅、スズメッキ
   PIN : BRASS, PRE-TINNED

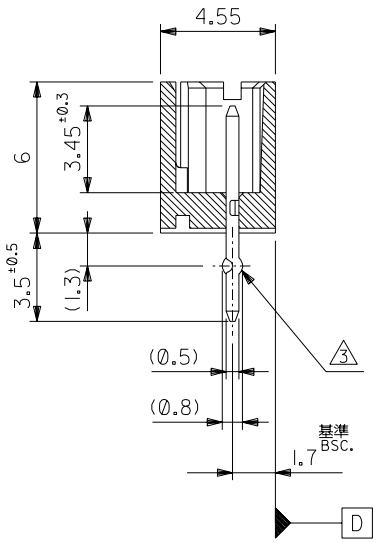
△3 キンクは全ピンに交互に付加。2極はキンク無し。
SET KINK ALTERNATELY TO ALL CIRCUITS.
CIRCUIT 2 HAS NO KINK.

△4. 製品番号
MATERIAL NO.
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

基板取付穴推奨寸法（t＝1．6）
RECOMMENDED P.C. BOARD HOLE DIM.（t＝1．6）





無 鉛
LEAD FREE

極数 CKT.	C	B	A	△4. MATERIAL NO.	MODEL NO.
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*	

DO NOT SCALE DRAWING

	EC NO.	DRWN:	CH'K:	APPR:
	EC NO.	DRWN:	CH'K:	APPR:
	EC NO.	DRWN:	CH'K:	APPR:
	EC NO.	DRWN:	CH'K:	APPR:
REV	ECNNO.J2003-2361	DRWN: A.IDA	CH'K: J.MIYAZAWA	APPR: Y0.ITO
DESCRIPTION	RELEASED	'03/03/13	'03/03/13	'03/03/13
	0			

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 | REVISE ON CAD ONLY

DRAWN BY & DATE A.Ida '03/03/13
CHECKED BY & DATE J.Miyazawa '03/03/13
APPROVED BY & DATE Y.Ito '03/03/13

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
SIZE: B

EN-02J(097) MXJ-54