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Part Number:

0532900580

Status:

Active

Description:

2.00mm (.079") Pitch Board-to-Board Header, Vertical, Single Row, 0.50mm (.020") Square Pin, with Friction Lock, Lead-free, 5 Circuits, with Kinked PC Tails

Documents:

3D Model

Drawing (PDF)

Product Specification PS-52418-003 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Headers

53290

Board-to-Board

N/A

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

5

5

Natural

30

No

No

No

No

Yes

0.236 In

6.00 mm

Brass

Tin

Tin

Polyester

1

Vertical

0.126 In

3.20 mm

No

Yes

0.062 In

1.60 mm

Tray

0.079 In

2.00 mm

40

1.00

40

1.00

Yes

No

Partial

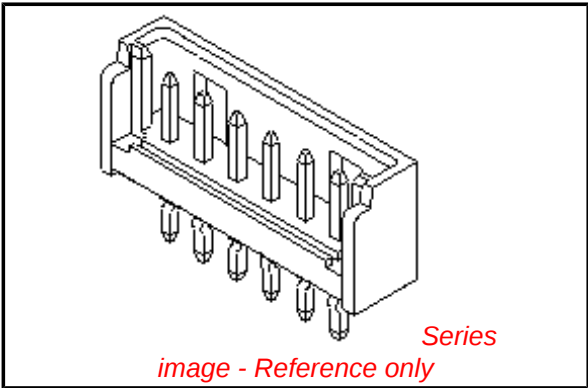
No

No

-40°C to +105°C

Through Hole

Electrical



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

53290Series

Mates With

52418 PCB Receptacle

Current - Maximum per Contact	1.5A
Voltage - Maximum	125V

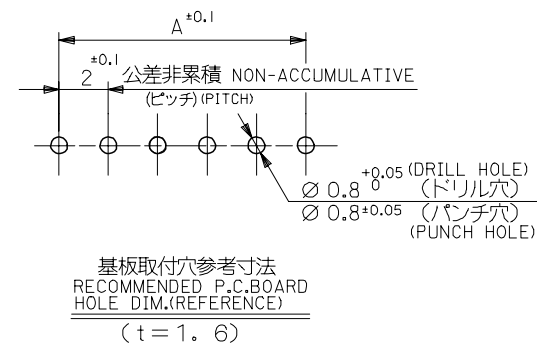
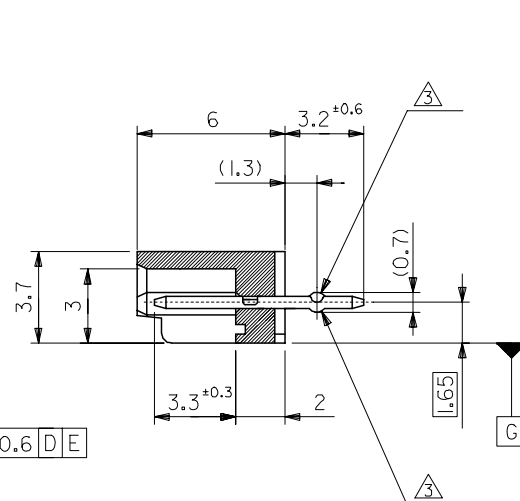
Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53290
Product Specification	PS-52418-003, RPS-52418-004
Sales Drawing	SD-53290-004

This document was generated on 05/27/2010

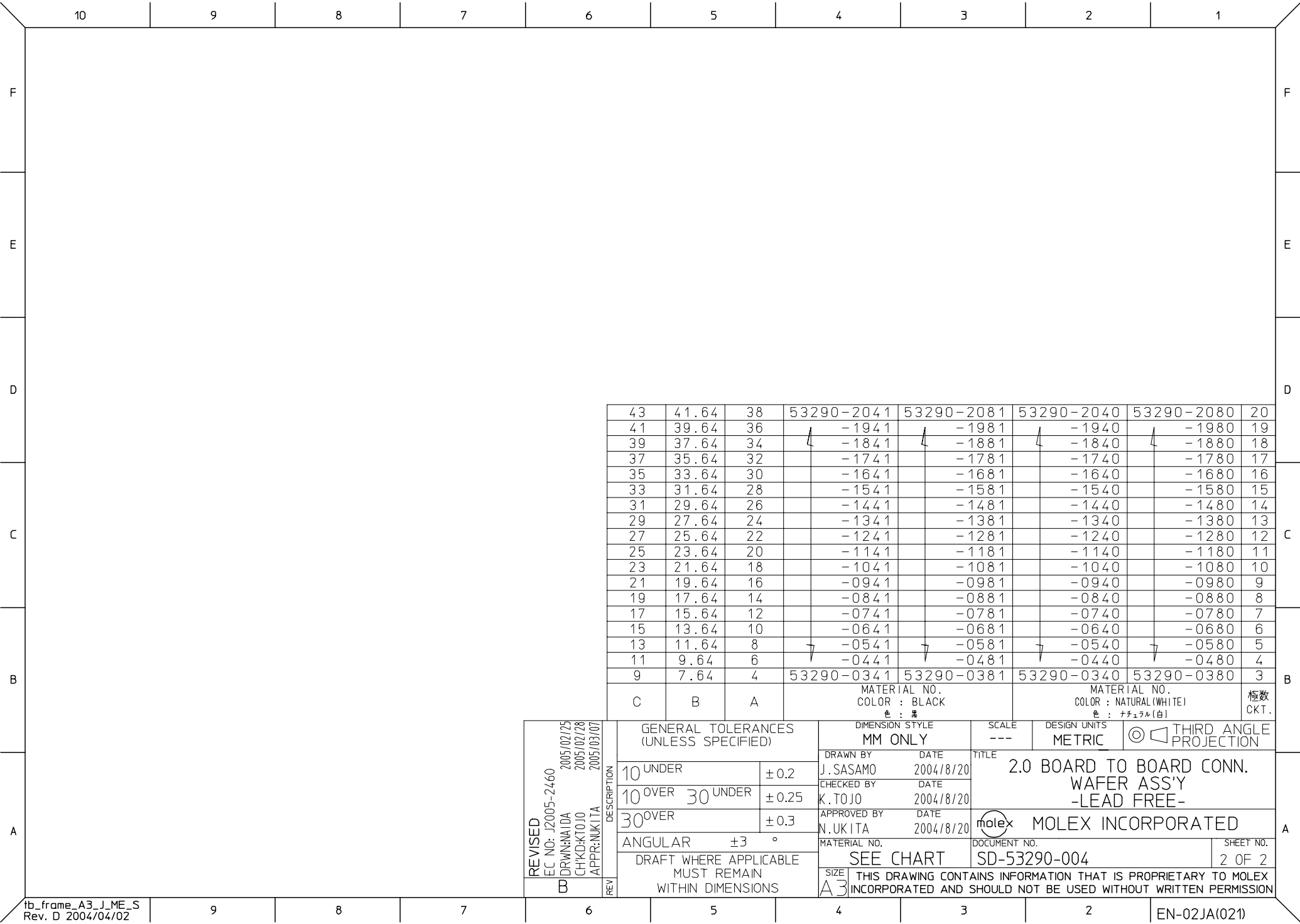
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1. 材料 MATERIAL
ウエハー : PBT (ガラス 15% 入り)
WAFER G.F. 15%
UL94V-0
ピン : 黄銅, 錫メッキ
PIN : BRASS, TIN
2. 嵌合相手 : 52418 シリーズ
MATE WITH : 52418 SERIES
- ③ キンクは全ピンに交互に付加。
SET KINK ALTERNATELY TO ALL PIN.
4. 各部のソリは 0.2MAX.
CAMBER : 0.2MAX.
5. 本製品は、53290-※*10 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53290-※*10.

6. 梱包仕様 PACKAGING
53290-**8* トレー TRAY
53290-**4* ポリ袋 POLYBAG

REVISED	EC NO: J2005-2460	2005/02/25	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
	DRWN:NAIDA	2005/02/28		10 UNDER	± 0.2	DRAWN BY J. SASAMO	DATE 2004/8/20	TITLE 2.0 BOARD TO BOARD CONN. WAFER ASS'Y -LEAD FREE-			
	CHKD:KTOJO			10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/8/20				
	APPR:NUKITA	2005/03/07		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 2004/8/20	 MOLEX INCORPORATED			
				ANGULAR ±3 °	MATERIAL NO.		DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART		SD-53290-004		1 OF 2		
	B		REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



43	41.64	38	53290-2041	53290-2081	53290-2040	53290-2080	20	
41	39.64	36	┆ -1941	┆ -1981	┆ -1940	┆ -1980	19	
39	37.64	34	┆ -1841	┆ -1881	┆ -1840	┆ -1880	18	
37	35.64	32	┆ -1741	┆ -1781	┆ -1740	┆ -1780	17	
35	33.64	30	┆ -1641	┆ -1681	┆ -1640	┆ -1680	16	
33	31.64	28	┆ -1541	┆ -1581	┆ -1540	┆ -1580	15	
31	29.64	26	┆ -1441	┆ -1481	┆ -1440	┆ -1480	14	
29	27.64	24	┆ -1341	┆ -1381	┆ -1340	┆ -1380	13	
27	25.64	22	┆ -1241	┆ -1281	┆ -1240	┆ -1280	12	
25	23.64	20	┆ -1141	┆ -1181	┆ -1140	┆ -1180	11	
23	21.64	18	┆ -1041	┆ -1081	┆ -1040	┆ -1080	10	
21	19.64	16	┆ -0941	┆ -0981	┆ -0940	┆ -0980	9	
19	17.64	14	┆ -0841	┆ -0881	┆ -0840	┆ -0880	8	
17	15.64	12	┆ -0741	┆ -0781	┆ -0740	┆ -0780	7	
15	13.64	10	┆ -0641	┆ -0681	┆ -0640	┆ -0680	6	
13	11.64	8	┆ -0541	┆ -0581	┆ -0540	┆ -0580	5	
11	9.64	6	┆ -0441	┆ -0481	┆ -0440	┆ -0480	4	
9	7.64	4	53290-0341	53290-0381	53290-0340	53290-0380	3	
C	B	A	MATERIAL NO. COLOR : BLACK 色 : 黒			MATERIAL NO. COLOR : NATURAL (WHITE) 色 : ナチュラル(白)		極数 CKT.

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		ANGULAR ±3 °		MATERIAL NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-53290-004		
	REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					