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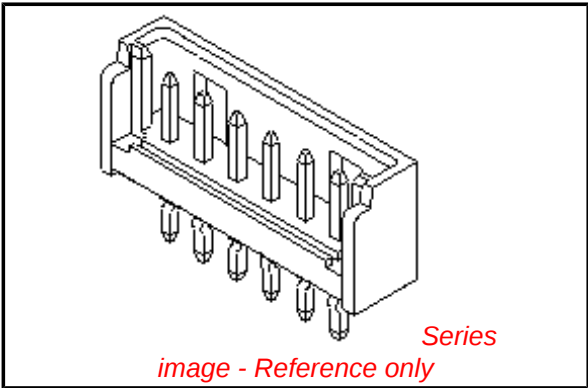
Part Number: [0532900380](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Board-to-Board Header, Vertical, Single Row, 0.50mm (.020") Square Pin, with Friction Lock, Lead-free, 3 Circuits, with Kinked PC Tails

Documents:
[3D Model](#) [Product Specification PS-52418-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [53290](#)
Application Board-to-Board
Product Name N/A

Physical
Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Mated Height (in) 0.236 In
Mated Height (mm) 6.00 mm
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.126 In
PC Tail Length (mm) 3.20 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 Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Halogen-Free



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

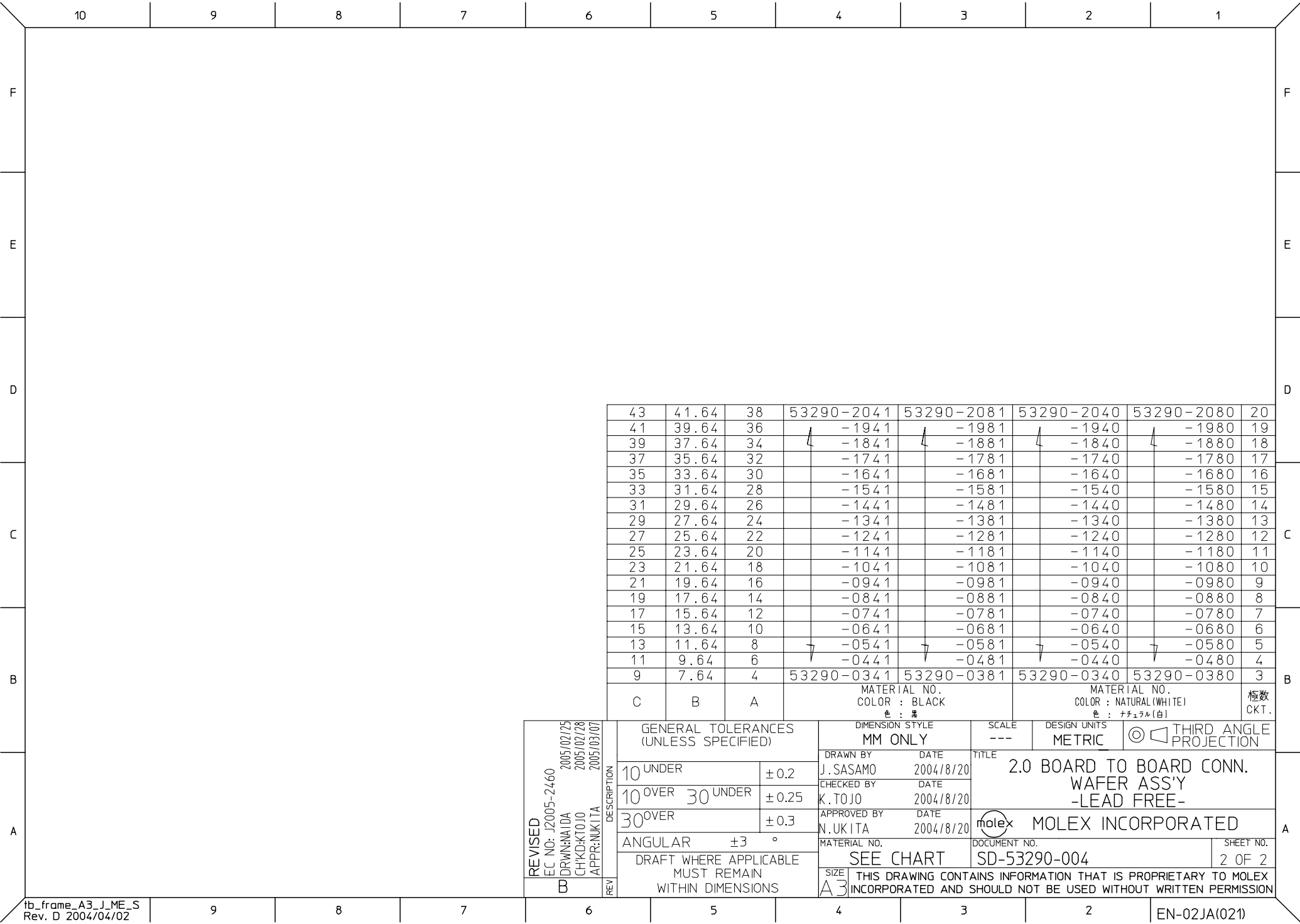
Material Info

Reference - Drawing Numbers

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

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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.

REVISED EC NO: J2005-2460 2005/02/25 DRAWN:NAIDA 2005/02/28 CHKD:KTOJO 2005/03/07 APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY J. SASAMO	DATE 2004/8/20	TITLE 2.0 BOARD TO BOARD CONN. WAFER ASS'Y -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/8/20				
		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			2 OF 2
	REV	B	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					