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Part Number: [0532902071](#)
Status: **Planned for Obsolescence**
Description: 2.00mm (.079") Pitch Board-to-Board Header, Vertical, Single Row, 0.50mm (.020") Square Pin, with Friction Lock, Lead-free, 20 Circuits, without Kinked PC Tails, Tube Package

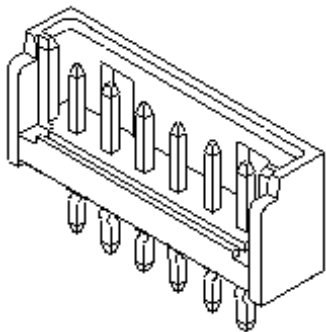
Documents:
[3D Model](#) [Product Specification PS-52418-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	53290
Application	Board-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
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



Series
image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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

Electrical

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

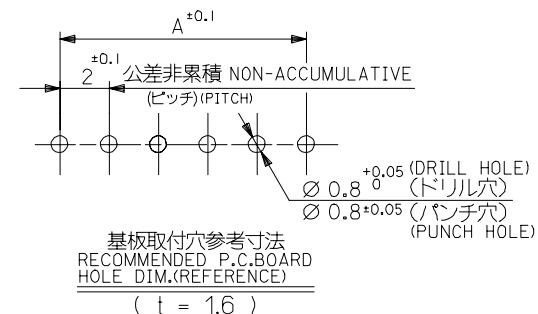
Material Info

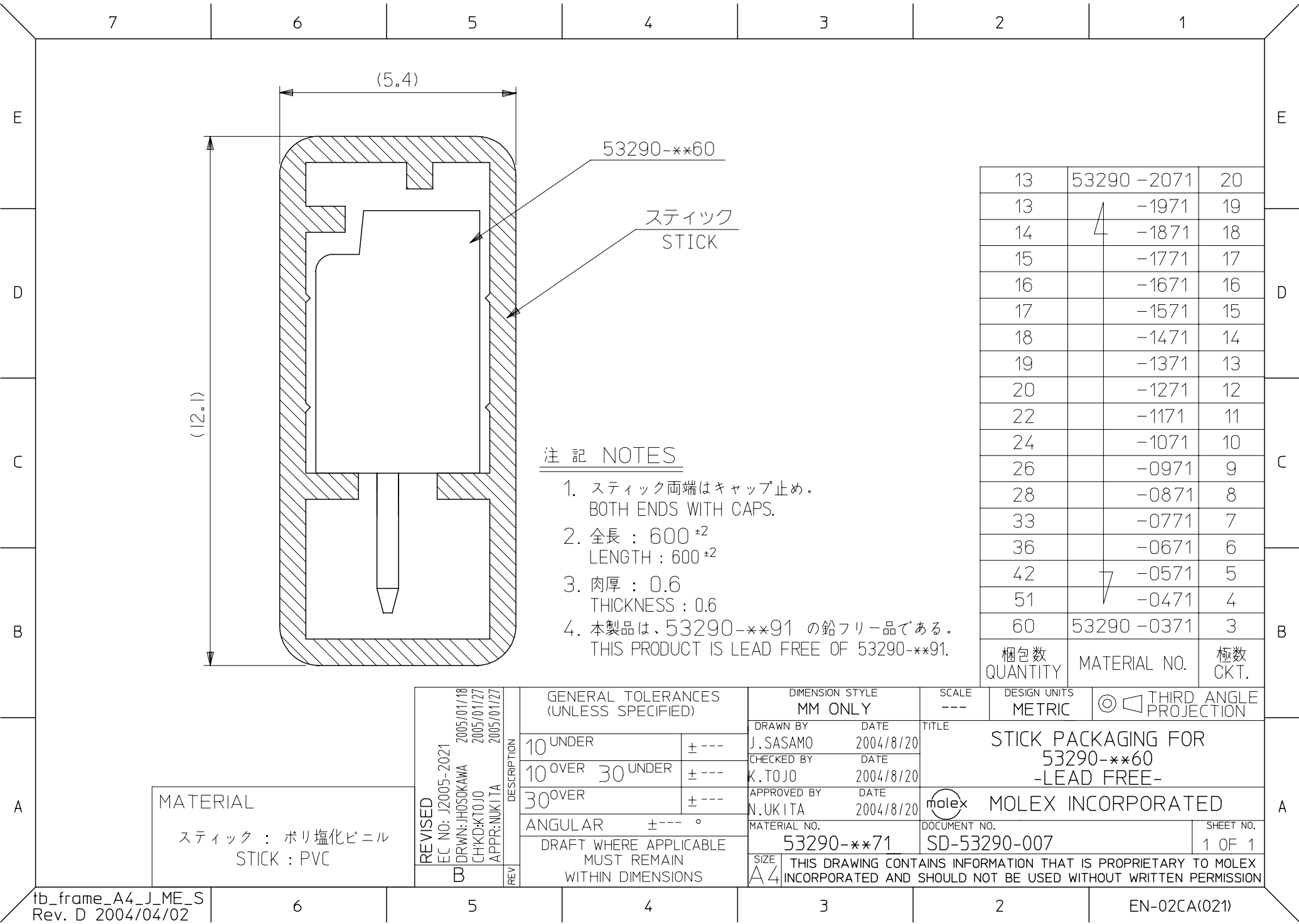
Reference - Drawing Numbers

Product Specification	PS-52418-003, RPS-52418-004
Sales Drawing	SD-53290-006, SD-53290-007

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MATERIAL
スティック : ポリ塩化ビニル
STICK : PVC

REVISED	EC NO: J2005-2021	2005/01/18
	DRWN: JHOSOKAWA	2005/01/27
	CHKD: KTOJO	2005/01/27
	APPR: NUKITA	2005/01/27
B	REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± ---
10 OVER 30 UNDER	± ---
30 OVER	± ---
ANGULAR	± --- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
J. SASAMO	2004/8/20
CHECKED BY	DATE
K. TOJO	2004/8/20
APPROVED BY	DATE
N. UKITA	2004/8/20
MATERIAL NO. 53290-**71	
SIZE	A4

SCALE	DESIGN UNITS	THIRD ANGLE
---	METRIC	PROJECTION
STICK PACKAGING FOR 53290-**60 -LEAD FREE-		
MOLEX INCORPORATED		
DOCUMENT NO. SD-53290-007		SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

13	53290 -2071	20
13	-1971	19
14	-1871	18
15	-1771	17
16	-1671	16
17	-1571	15
18	-1471	14
19	-1371	13
20	-1271	12
22	-1171	11
24	-1071	10
26	-0971	9
28	-0871	8
33	-0771	7
36	-0671	6
42	-0571	5
51	-0471	4
60	53290 -0371	3
梱包数 QUANTITY	MATERIAL NO.	極数 CKT.

注 記 NOTES

- スティック両端はキャップ止め。
BOTH ENDS WITH CAPS.
- 全長 : 600 ±2
LENGTH : 600 ±2
- 肉厚 : 0.6
THICKNESS : 0.6
- 本製品は、53290-**91 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53290-**91.