

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039351109](#)  
**Status:** **Active**  
**Description:** 2.00mm (.079") Pitch Board-to-Board Header, Vertical, Dual Row, Lead-free, 10 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-5533-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [5532](#)  
 Application Board-to-Board  
 Product Name N/A

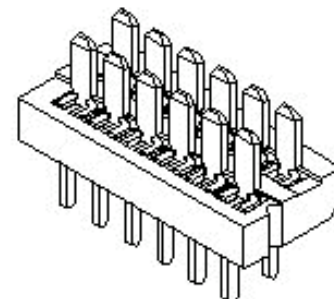
**Physical**

Breakaway No  
 Circuits (Loaded) 10  
 Circuits (maximum) 10  
 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 - Plating Mating Tin  
 Material - Plating Termination Tin  
 Number of Rows 2  
 Orientation Vertical  
 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) 80  
 Plating min: Mating (µm) 2  
 Plating min: Termination (µin) 80  
 Plating min: Termination (µm) 2  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

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

**Material Info**



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](mailto: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**

[5532Series](#)

**Mates With**

[5533 Board-to-Board Receptacle](#)

Old Part Number

5532-10A7F

**Reference - Drawing Numbers**

Packaging Specification

SPK-5532-NA

Product Specification

PS-5533-003, RPS-5533-005

Sales Drawing

SD-5532-001

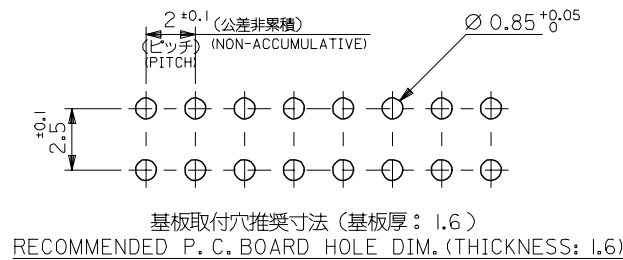
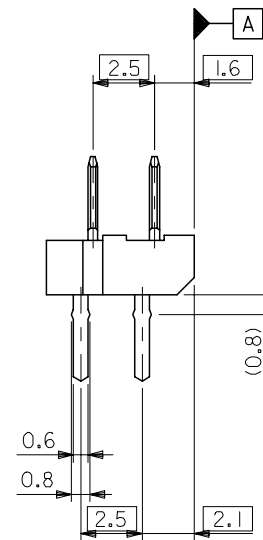
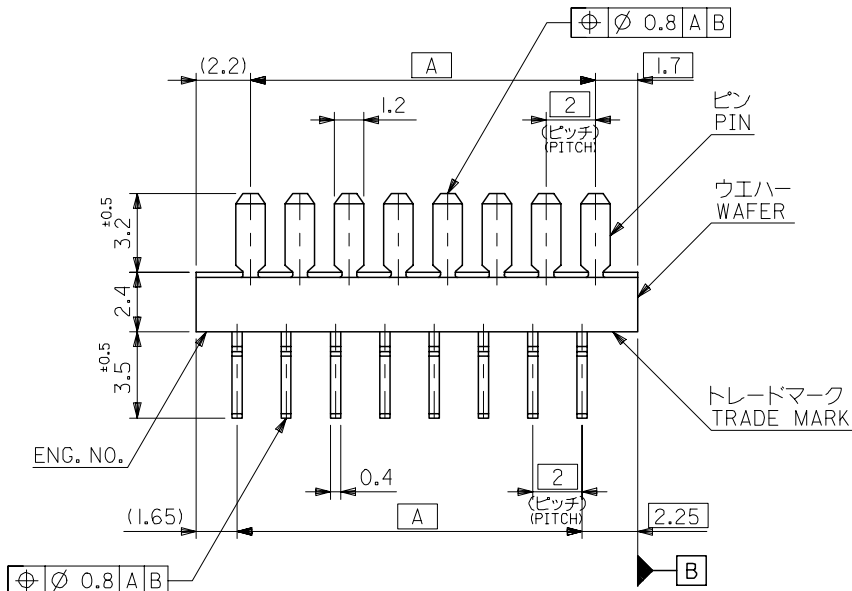
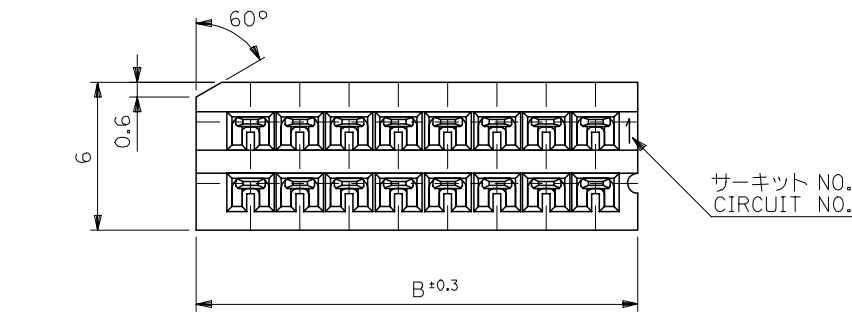
This document was generated on 05/27/2010

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注記 NOTES

1. 嵌合相手：5533シリーズ。  
MATES WITH : 5533 SERIES.
2. メス側との基板取付穴のズレについては  
図面 SD-5533-NCPB を参照のこと。  
REFER TO SD-5533-NCPB DRAWING  
FOR P. C. BOARDS POSITIONING DIMENSIONS.
3. 材質 MATERIAL  
ピン：黄銅 (+0.4) ニッケル下地 錫メッキ  
ウエハー：ナイロン66、UL94V-0  
PIN : BRASS(+0.4), TIN OVER NICKEL PLATED  
WAFER : NYLON66, UL94V-0
4. 本製品は 5532-NA の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 5532-NA.

41.9	38	39-35-1409	5532-40A7F	40
39.9	36	↑ -1389	↑ -38A7F	38
37.9	34	-1369	-36A7F	36
35.9	32	-1349	-34A7F	34
33.9	30	-1329	-32A7F	32
31.9	28	-1309	-30A7F	30
29.9	26	-1289	-28A7F	28
27.9	24	-1269	-26A7F	26
25.9	22	-1249	-24A7F	24
23.9	20	-1229	-22A7F	22
21.9	18	-1209	-20A7F	20
19.9	16	-1189	-18A7F	18
17.9	14	-1169	-16A7F	16
15.9	12	-1149	-14A7F	14
13.9	10	-1129	-12A7F	12
11.9	8	-1109	-10A7F	10
9.9	6	-1089	-08A7F	8
7.9	4	↓ -1069	↓ -06A7F	6
5.9	2	39-35-1049	5532-04A7F	4
B	A	EDP. NO.	ENG. NO.	種数 NO. OF CKT.



REVISED EC NO: J2005-2412 2005/02/23 DRAWN: NABEI 2005/02/24 CHKD: KTOJO 2005/03/01 APPR: NUKITA	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY M. NINOMIYA	DATE '04/03/16	TITLE 2.0 BOARD TO BOARD CONN WAFER ASSY -LEAD FREE-		
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE '04/03/16	MOLEX INCORPORATED		
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/03/16	DOCUMENT NO. SD-5532-001	SHEET NO. 1 OF 1	
A	ANGULAR ±3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	