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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

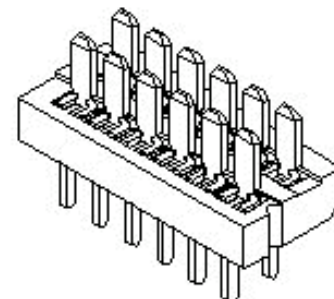
Physical

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
 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

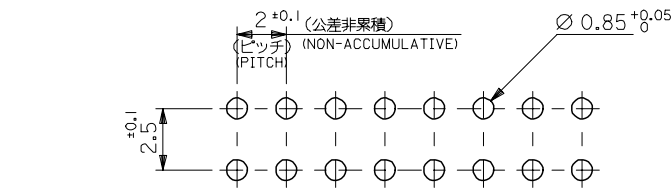
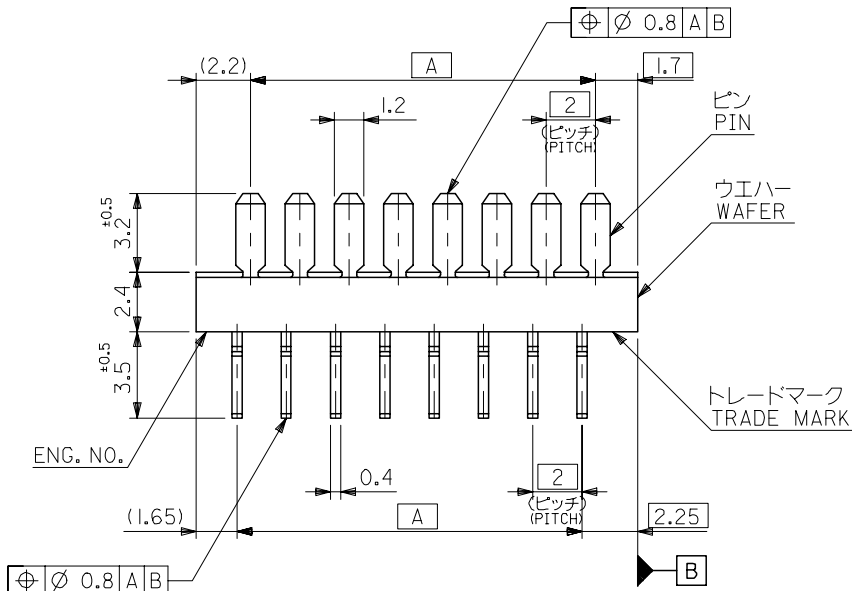
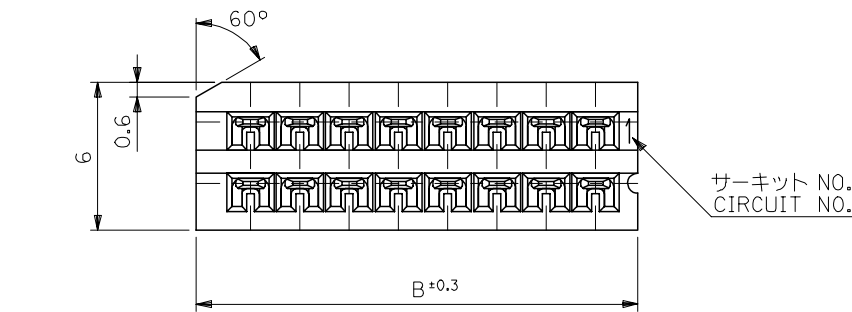
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注記 NOTES

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.



基板取付穴推奨寸法 (基板厚: 1.6)
RECOMMENDED P. C. BOARD HOLE DIM. (THICKNESS: 1.6)

REVISED EC NO.: J2005-2412 2005/02/23 DRAWN: MABEI 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	
	ANGULAR	$\pm 3^\circ$	MATERIAL NO. SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3					