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Part Number:

0534401270

Status:

Active

Description:

1.60mm (.063") Pitch Board-to-Board Plug, Right Angle, Detachable, Lead-free

Documents:

3D Model

Product Specification PS-52712-003 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Headers

Series

53440

Application

Board-to-Board

Product Name

N/A

Physical

Breakaway

No

Circuits (Loaded)

12

Color - Resin

Black

Durability (mating cycles max)

10,000

Glow-Wire Compliant

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

None

PCB Thickness Recommended (in)

0.047 In

PCB Thickness Recommended (mm)

1.20 mm

Packaging Type

Tube

Pitch - Mating Interface (in)

0.063 In

Pitch - Mating Interface (mm)

1.60 mm

Polarized to Mating Part

No

Polarized to PCB

No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

125V

Material Info

Reference - Drawing Numbers

Product Specification

PS-52712-003

Sales Drawing

SD-53440-001

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

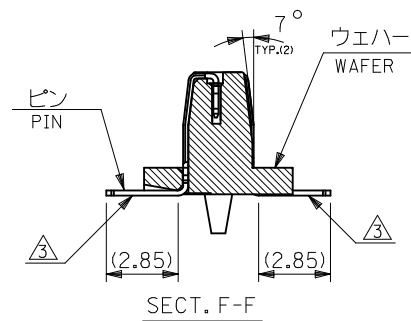
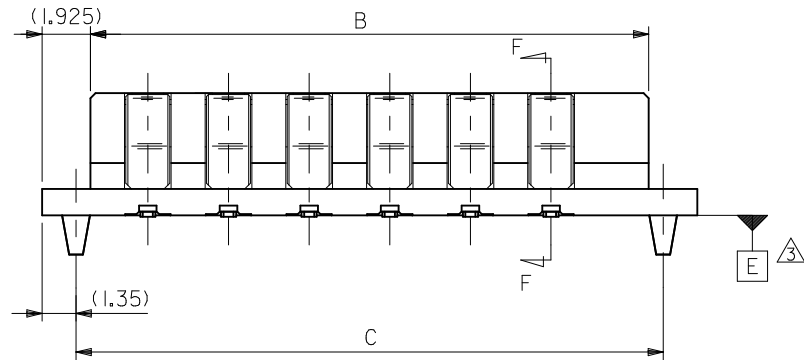
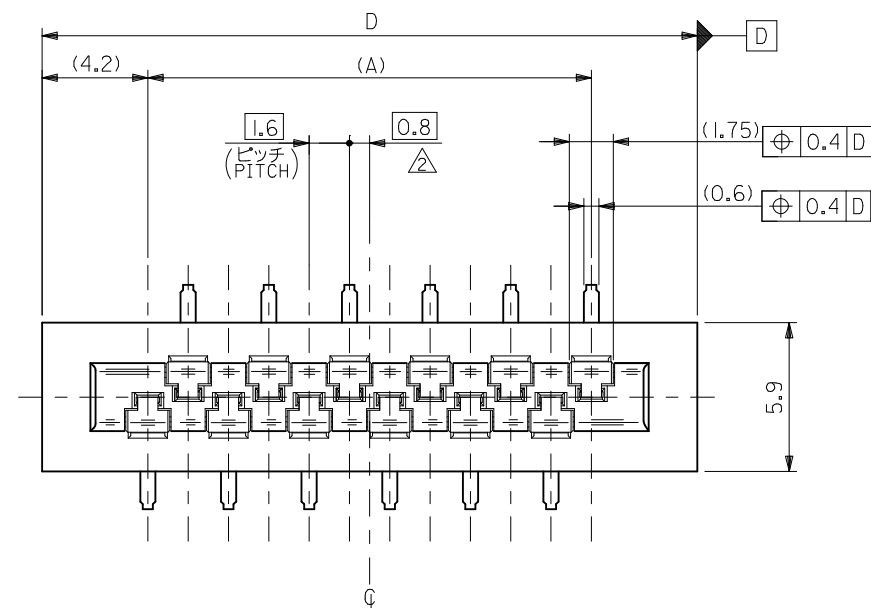
53440Series

Mates With

52712 PCB Receptacle

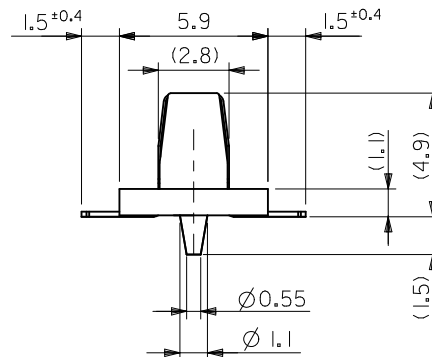
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注記
NOTE

1. 嵌合相手 : 52712 シリーズ
MATE WITH : 52712 SERIES
2. ウェハの ϕ から隣接するピンの ϕ 迄の位置を示す。
SHOW POSITION FROM ϕ OF WAFER TO ϕ OF ADJACENT PIN.
3. ソルダータールのズレ量は、基準面 E に対し上方向 0.1 MAX., 下方向 0.2 MAX. とし、相互のパラツキは 0.25 MAX. とする。
MISALIGNMENT OF SOLDER TAILS FROM E
UPPER DIRECTION : 0.1 MAX.
LOWER DIRECTION : 0.2 MAX.
OFFSET BETWEEN UPPER AND LOWER : 0.25 MAX.
4. 使用材料
ウェハ : PA,UL94V-0(BLACK)
WAFFER : リン青銅 (t=0.2)
PIN : PHOSPHOR BROBZE
5. メッキ仕様
ピン : 金メッキ (コンタクト部)
PIN : GOLD PLATED (CONTACT AREA)
ピン : 錫メッキ (ソルダータール部)
TIN PLATED (SOLDER TAIL AREA)
6. 本製品は 53440-**-11 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53440-**-11.



26.0	23.3	22.15	17.6	53440-1219	12
D	C	B	(A)	TUBE PACKAGE	極数
				オーダー番号 ORDER No.	CKT.

CONNECTOR No. 53440-1219

SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION

1.6 B/B CONN.WAFER ASS'Y
(PANEL DETACHABLE TYPE)

MOLEX INCORPORATED

SD-53440-001

SHEET NO.

1 OF 4

SEE TABLE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REVISED	EC NO: J2009-2997	2009/07/02	DRW: NESATO	2010/02/09	CHKD: MATSUMOTO	2010/02/09	APPR: NUKITA	2010/02/09
REV	DESCRIPTION	REV	DESCRIPTION	REV	DESCRIPTION	REV	DESCRIPTION	REV
10	UNDER	±0.2	10	OVER	30	UNDER	±0.25	30
30	OVER	±0.3	30	OVER	±0.3	30	OVER	±0.3
ANGULAR	±3	°	ANGULAR	±3	°	ANGULAR	±3	°
DRAFT WHERE APPLICABLE	MUST REMAIN	WITHIN DIMENSIONS	DRAFT WHERE APPLICABLE	MUST REMAIN	WITHIN DIMENSIONS	DRAFT WHERE APPLICABLE	MUST REMAIN	WITHIN DIMENSIONS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

DIMENSION STYLE
MM ONLY

DRAWN BY J. SASAMO DATE '04/8/6

CHECKED BY K. TOJO DATE '04/8/6

APPROVED BY NUKITA DATE 2010/02/09

MATERIAL NO.

SIZE A3

10 9 8 7 6 5 4 3 2 1

F

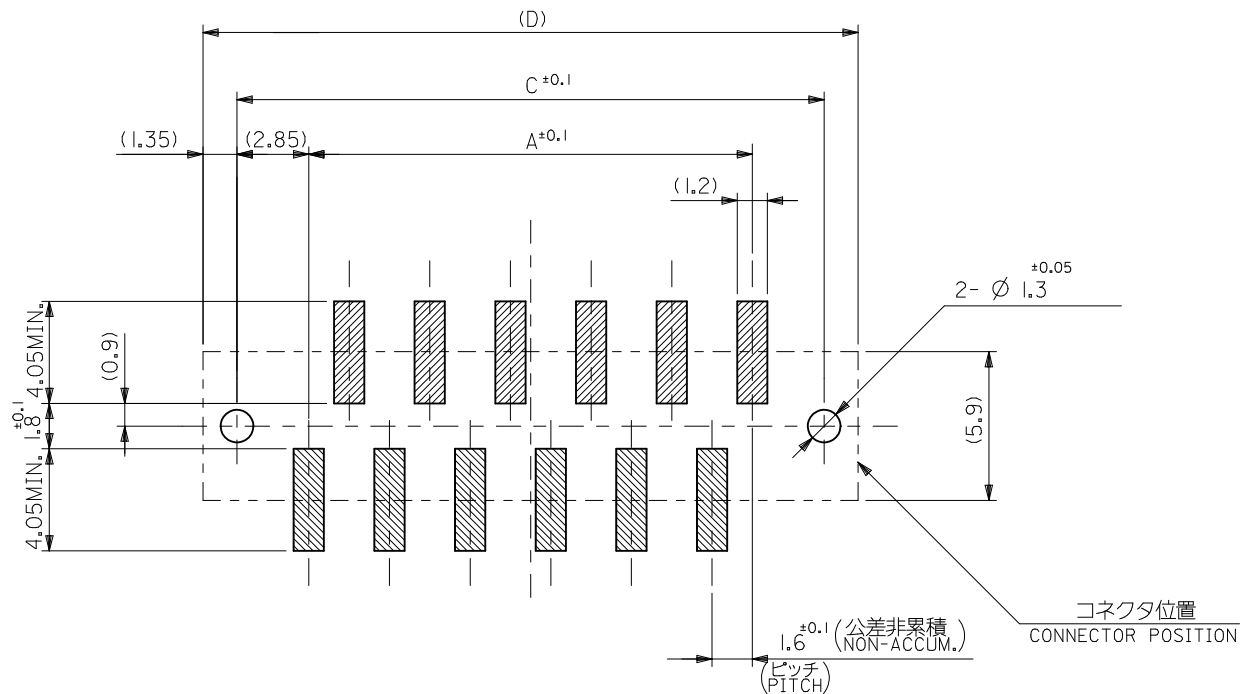
E

D

C

B

A

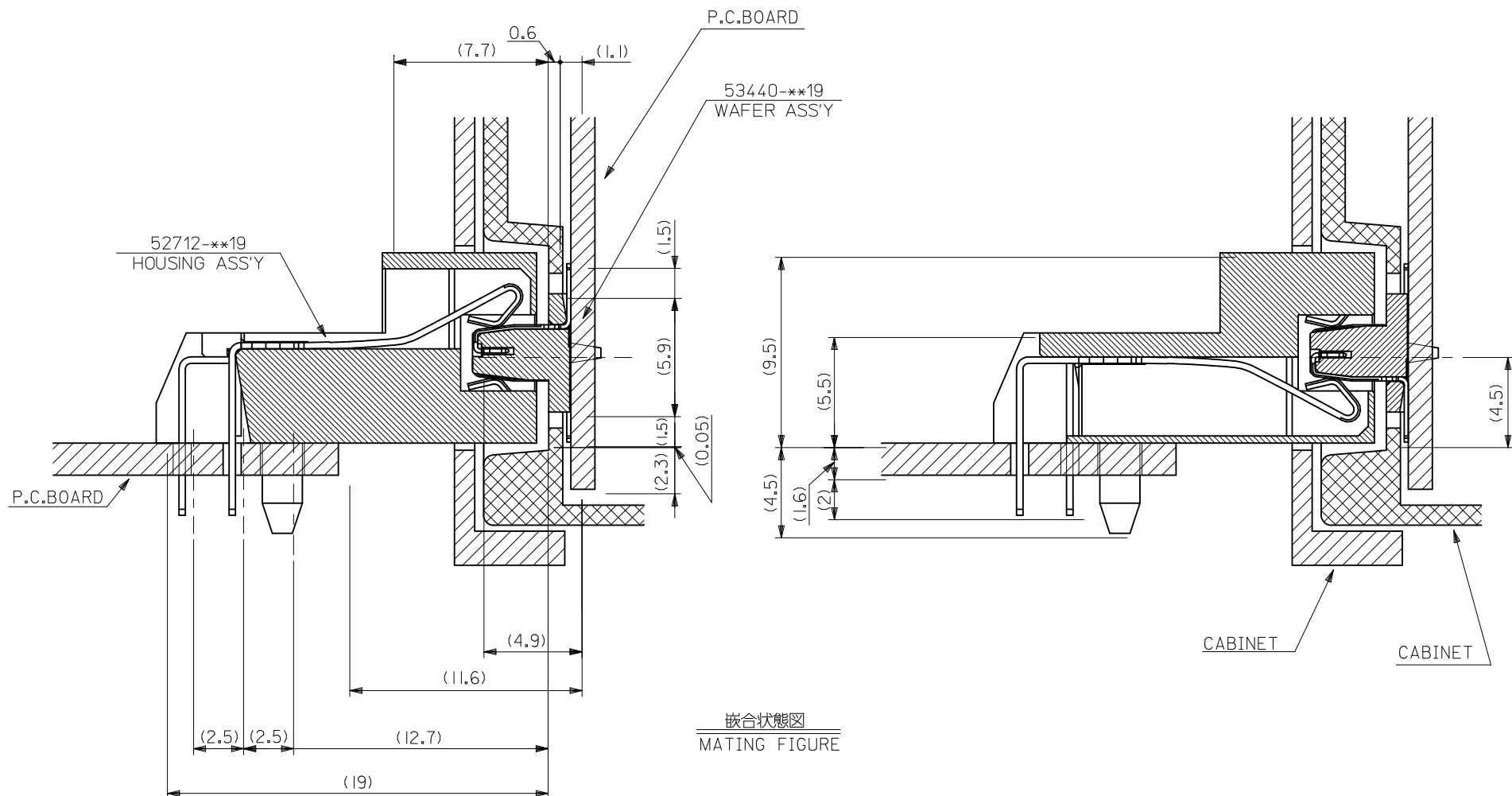


参考基板レイアウト (t=1.2)
P.C. BOARD PATTERN LAYOUT (REFERENCE)
(マウント面)
(MOUNTING SIDE)

26.0	23.3	17.6	53440-1219	12
(D)	C	(A)	MATERIAL NO.	極数 CKT.

REVISED EC NO: J2009-2997 DRAWN SATO CHKD: MATSUMOTO APPR: NUKITA C	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		---	METRIC		
		10 UNDER	±0.2	DRAWN BY	DATE	TITLE 1.6 B/B CONN.WAFER ASS'Y (PANEL DETACHABLE TYPE)			
		10 OVER 30 UNDER	±0.25	CHECKED BY	DATE				
		30 OVER	±0.3	APPROVED BY	DATE	MOLEX INCORPORATED			
		ANGULAR ±3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	SD-53440-001		2 OF 4				
REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1



REVISED EC NO: J2009-2997 2009/07/02 DRW:ESATO 2010/02/09 CHKD:MATSUMOTO 2010/02/09 APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± ---	DRAWN BY J.SASAMO	DATE '04/8/6	TITLE 1.6 B/B CONN.WAFER ASS'Y (PANEL DETACHABLE TYPE)			
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '04/8/6				
		30 OVER	± ---	APPROVED BY NUKITA	DATE 2010/02/09	 MOLEX INCORPORATED			
		ANGULAR ± --- °		MATERIAL NO. SEE SHEET1					DOCUMENT NO. SD-53440-001
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	REV								