

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0534080579

Status:

Active

Description:

1.00mm (.039") Pitch Plug, Surface Mount, Dual Row, Vertical Stacking, 18.00mm (.709") Stack Height, Lead-free, 50 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-52584-003 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Headers

53408

Board-to-Board

N/A

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

No

50

50

Natural

50

No

No

No

None

None

0.709 In, 0.785 In

18.00 mm, 19.94 mm

Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

2

Vertical

Yes

Yes

0.040 In

1.00 mm

Tube

0.039 In

1.00 mm

10

0.25

40

1

No

Fully

No

-55°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

100V

Material Info

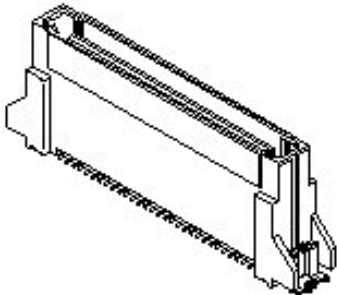


image - Reference only

Series

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

53408Series

Mates With

PCB Receptacle [52584](#) , [52602](#)

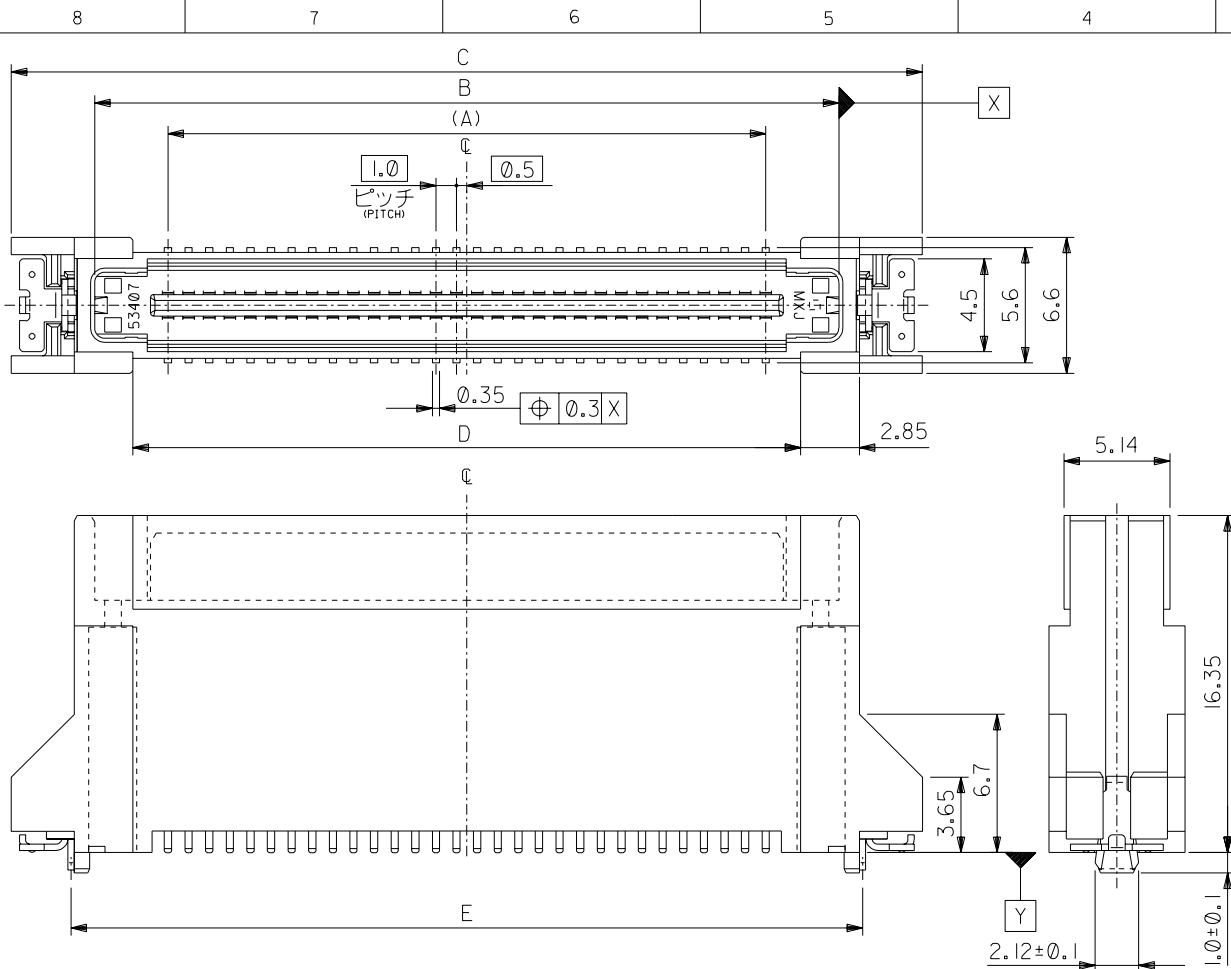
Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-52584-003, RPS-500017-002, RPS-52584-010
SD-53408-007, SD-53408-008

This document was generated on 04/19/2010

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推奨基板寸法 (20,24,60,80,100,120,140極)
RECOMMENDED PCB PATTERN LAYOUT (20,24,60,80,100,120,140CKTS.)推奨基板寸法 (50極)
RECOMMENDED PCB PATTERN LAYOUT (50 CKTS.)

8. 本製品は 53408-***0 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53408-***0

注)
NOTES1. 材質
MATERIAL

ハウジング: ガラス入りLCP、白色、UL94V-0
HOUSING: G.F.LCP, WHITE, UL94V-0
ターミナル: 燐青銅 (t=0.2)
TERMINAL: PHOSPHOR BRONZE
金属ペグ: 燐青銅
METAL PEG: PHOSPHOR BRONZE

2. メッキ仕様
PLATING

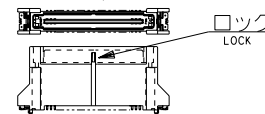
ターミナル 接点部: 金メッキ0.25 MICROMETER MIN.
TERMINAL CONTACT AREA: GOLD 0.25 MICROMETER MIN.
半田付け部: 錫メッキ 1.0 MICROMETER MIN.
SOLDER TAIL AREA: TIN 1.0 MICROMETER MIN.
下地メッキ: ニッケルメッキ 2.0 MICROMETER MIN.
UNDER-PLATING: NICKEL 2.0 MICROMETER MIN.
金属ペグ 半田付け部: 錫メッキ 1.0 MICROMETER MIN.
METAL PEG SOLDER TAIL AREA: TIN 1.0 MICROMETER MIN.
下地メッキ: ニッケルメッキ 1.0 MICROMETER MIN.
UNDER-PLATING: NICKEL 1.0 MICROMETER MIN.

3. 推奨基板厚
RECOMMENDED PCB THICKNESS

1.0±0.1mm

4. テールのバラツキ寸法
TAIL COPLANARITY

テールは、Y面を基準とし、上へ0.02 下へ0.15 の範囲に
めり、且つテール平坦度は0.15 とする。
TAILS TO BE WITHIN 0.02 UPWARD AND 0.15 DOWNWARD FROM Y-DATUM PLANE,
AND TAIL COPLANARITY TO BE 0.15.

5. ロックは、20、24、50極に設置する。
LOCK TO BE ADDED TO 20,24 AND 50 CKTS.6. 梱包
PACKAGING

本製品はスティック梱包とし梱包後のMATERIAL NO. は
53408-***79とする。

THIS PRODUCTS TO BE PACKED IN TUBE. MATERIAL NO.: 53408-***79

7. 同一基板内に複数個 (2個以上) の使用は避けてください。
MXJ DOES NOT RECOMMEND THE USAGE OF TWO OR MORE OF THESE CONNECTORS
BETWEEN A SINGLE PAIR OF P.C.BOARD.

80.9	78.4	72.4	84.2	76.02	69	53408-1470	140
70.9	68.4	62.4	74.2	66.02	59	53408-1270	120
60.9	58.4	52.4	64.2	56.02	49	53408-1070	100
50.9	48.4	42.4	54.2	46.02	39	53408-0870	80
40.9	38.4	32.4	44.2	36.02	29	53408-0670	60
35.9	33.4	27.4	39.2	31.02	24	53408-0570	50
22.9	20.4	14.4	26.2	18.02	11	53408-2470	24
20.9	18.4	12.4	24.2	16.02	9	53408-0270	20
53408-***70						極数	NO. OF CKTS.
MODEL NO.						(A)	MATERIAL NO.
						F	E
						D	C
						B	
						(A)	

材料
MATERIAL注参照
SEE NOTESMOLEX-JAPAN CO.,LTD.
日本モレックス株式会社仕上げ
FINISH注参照
SEE NOTES適用電線範囲
WIRE RANGE

#

被覆外径
INS. RANGE

#

DRAWN BY '04/03/11
M.NINOMIYACHK'D BY '04/03/11
K.TOJOAPP'D BY '04/03/11
M.SASAO尺度
SCALE

DWG. NO.

SD-53408-007

REV

0

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

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本図面は日本モレックス (株) の所有する情報を含むもので 当社の許可なく複製を禁止する。

EN-01C(032)MXJ-32

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

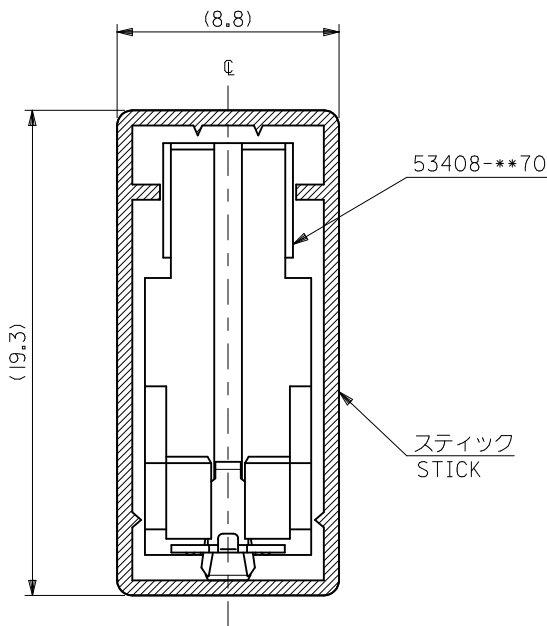
E

D

C

B

A



注記
NOTES

- スティック両端はキャップ止め。
BOTH ENDS WITH CAPS.
- 全 長: 6.00±2
TOTAL LENGTH
- 肉 厚: 0.6±0.2
THICKNESS
- 本製品は 53408-***9 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53408-***9.

6	53408-1479	140
7	53408-1279	120
8	53408-1079	100
10	53408-0879	80
13	53408-0679	60
14	53408-0579	50
21	53408-2479	24

MATERIAL

スティック: ポリ塩化ビニル
STICK : P.V.C.

REVISED
EC NO: J2010-1426
2010/01/25
DRWRTS: SUOKA
2010/01/27
CHKD: THARUYAMA
APPR: HIRATA
2010/01/27

DESCRIPTION	
10 UNDER	± ---
10 OVER 30 UNDER	± ---
30 OVER	± ---
ANGULAR	± --- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

A

REV

53408-***79		MODEL NO.		梱包数 QUANTITY	MATERIAL No.	極数 NO. OF CKTS
DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	◎ 第三角 THIRD ANGLE PROJECTION		
DRAWN BY MINOMIYA	DATE '04/03/11	53408-***70 STICK PACKAGING -LEAD FREE-				
CHECKED BY KTOJO	DATE '04/03/11					
APPROVED BY MSASAO	DATE '04/03/11					
MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
SEE TABLE		SD-53408-008		1 OF 1		
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