

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0536470474

Status:

Active

Overview:

slimstack_0635mm_025_pitch

Description:

0.635mm (.025") Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 8.00 and 14.00mm (.315 and .551") Stacking Heights, Lead-free, 40 Circuits, with Embossed Tape with Cover Packaging

Documents:

3D Model

Drawing (PDF)

Product Specification PS-52760-015 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

MolexKits

Overview

Product Name

PCB Headers

53647

Board-to-Board

Stacking-Type

Yes

slimstack_0635mm_025_pitch

SlimStack™

Physical

Breakaway

Circuits (Loaded)

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

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to PCB

Robotic Placement

Stackable

Temperature Range - Operating

Termination Interface: Style

No

40

Brown

50

No

No

No

None

Yes

0.315 In, 0.551 In

14.00 mm, 8.00 mm

Brass, Phosphor Bronze, Stainless Steel

Gold

Tin

2

Vertical

Yes

Yes

Embossed Tape on Reel

0.025 In

0.64 mm

Yes

Metal Cap

No

-55°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

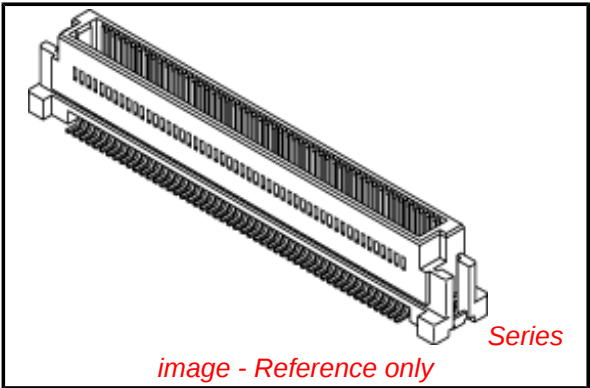
100V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-53647-001



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

53647Series

Mates With

SlimStack™ Receptacle [52760](#) , [52837](#) , [52885](#) , [52901](#)

Product Specification

PS-52760-015, RPS-52760-017, RPS-52760-018,
RPS-52760-020, RPS-52760-021, RPS-52760-029,
RPS-52885-010
SD-53647-002, SD-53647-003

Sales Drawing

This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

F

E

D

C

B

A

F

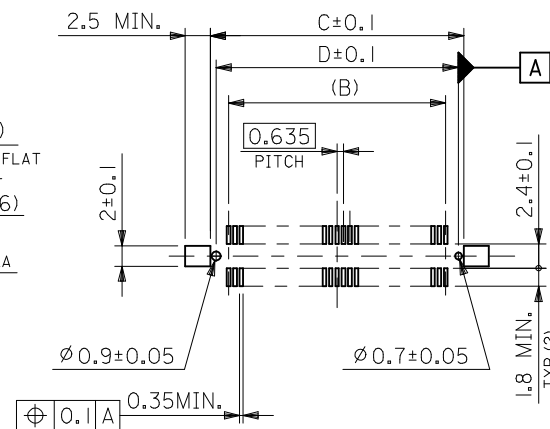
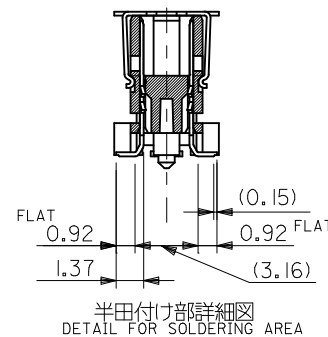
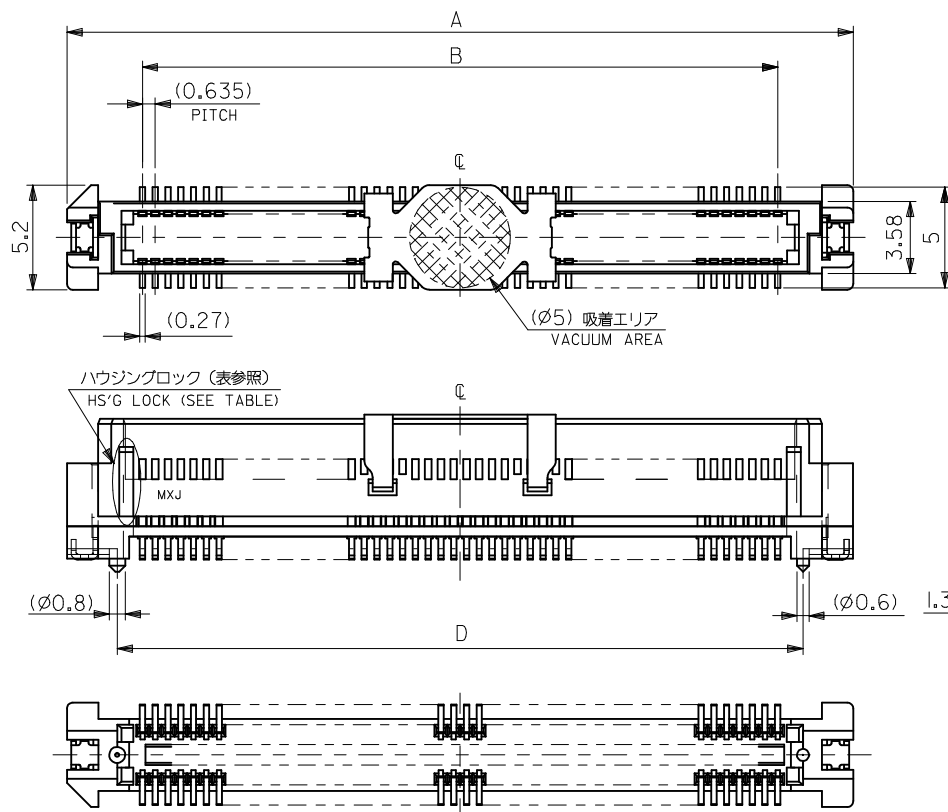
E

D

C

B

A



注) NOTES

1. 材質 MATERIAL
ハウジング: ガラス入りPPS、茶色、UL 94V-0
HOUSING: G.F.PPS, BROWN, UL 94V-0
ターミナル: 銅合金 (t=0.2)
TERMINAL: COPPER ALLOY
吸着カバー: ステンレス (t=0.2)
VACUUM COVER: STAINLESS STEEL
2. メッキ仕様 PLATING
接点部: 金メッキ 0.25μm MIN.
CONTACT AREA: GOLD 0.25 MICROMETER MIN.
半田付け部: 錫メッキ 1.0μm MIN.
SOLDER TAIL AREA: TIN 1.0 MICROMETER MIN.
下地メッキ: ニッケルメッキ 1.5μm MIN.
UNDER-PLATING: NICKEL 1.5 MICROMETER MIN.
3. テールのバランク寸法 TAIL COPLANARITY
テール平坦度は、0.1 MAX. とする。
TAILS COPLANARITY TO BE 0.1 MAX.
4. 本製品は 53647-***2 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53647-***2.

材料 MATERIAL	注) 参照 SEE NOTES
仕上げ FINISH	注) 参照 SEE NOTES
適用電線範囲 WIRE RANGE	— # —
被覆外径 INS. RANGE	— # —

REVISED	EC NO: J2009-1336	2008/12/19
DRW: YOSHIDA	2008/12/19	
CHKD: HARUYAMA	2008/12/19	
APPR: NUKITA	2009/01/16	

DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °
DRAFT WHERE APPLICABLE	MUST REMAIN WITHIN DIMENSIONS

無し NO	52.67	53.77	50.165	57.67	53647-1674	53647-1675	53647-1609	160
	46.32	47.42	43.815	51.32	53647-1474	53647-1475	53647-1409	140
	39.97	41.07	37.465	44.97	53647-1274	53647-1275	53647-1209	120
	33.62	34.72	31.115	38.62	53647-1074	53647-1075	53647-1009	100
	27.27	28.37	24.765	32.27	53647-0874	53647-0875	53647-0809	80
有り YES	20.92	22.02	18.415	25.92	53647-0674	53647-0675	53647-0609	60
	14.57	15.67	12.065	19.57	53647-0474	53647-0475	53647-0409	40
	11.4	12.5	8.89	16.4	53647-0374	53647-0375	53647-0309	30
	8.22	9.32	5.715	13.22	53647-0274	53647-0275	53647-0209	20
ハウジング HS'G LOCK	D	C	B	A	エンボス梱包 EMBOSSED PACKAGING	スティック梱包 STICK PACKAGING	製品番号 MATERIAL NO.	極数 CKT. NO.
DIMENSION STYLE MM ONLY				SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
DRAWN BY Y. WADA		DATE '04/02/27		TITLE 0.635 PITCH B-TO-B PLUG HS'G COVER ASS'Y -LEAD FREE-				
CHECKED BY M. SASAO		DATE '04/02/27						
APPROVED BY M. SASAO		DATE '04/02/27		MOLEX INCORPORATED				
MATERIAL NO.				DOCUMENT NO.				SHEET NO.
SEE CHART				SD-53647-002				1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



-
- Diagram illustrating the structure of the top tape (トップテープ) and its components:
- LEAD TAPE LENGTH**: Indicated by a dimension line on the left.
 - 引き出し方向** (PULL OUT DIRECTION): Indicated by an arrow pointing left.
 - トップテープ接着部** (TOP TAPE BONDED PART) / **(空エンボス)** (EMPTY): The section where the tape is bonded, with a length of **20PCS. MIN.**
 - 部品挿入部** (COMPONENT SUPPLIER): The section where components are inserted.
 - 末端部 (空部)** (TAIL PART (EMPTY)): The tail part of the tape, with a length of **40 MIN.**
 - トップテープリーダー部** (TOP TAPE LEADER PART): The leader part of the tape, with a length of **400 MIN.**

- 引き出し方向
PULL OUT DIRECTION
- OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION
- 剥離方向
PEEL OFF DIRECTION
- 10°

- | | | | | | | | | | | | | |
|---|------------|-------------|--|---------|----------------------------|-------------------|--|------------------------|---|-----------|------------|--|
| REVISED
EC NO: J2006-1852
DRAWN:MABEL
CHKD:K TOYODA
APPR:NUKI TA | 2005/12/02 | DESCRIPTION | GENERAL TOLERANCES
(UNLESS SPECIFIED) | | DIMENSION STYLE
MM ONLY | | SCALE
--- | DESIGN UNITS
METRIC |  THIRD ANGLE
PROJECTION | MODEL NO. | 53647-***4 | |
| | 2005/12/05 | | 10 UNDER | ± --- | DRAWN BY
Y.WADA | DATE
'04/03/01 | TITLE
53647-***9
TAPING PACKAGE
-LEAD FREE-
 MOLEX INCORPORATED | | | | | |
| | 2005/12/14 | | 10 OVER 30 UNDER | ± --- | CHECKED BY
M.SASAO | DATE
'04/03/01 | | | | | | |
| | | | 30 OVER | ± --- | APPROVED BY
M.SASAO | DATE
'04/03/01 | | | | | | |
| | | | ANGULAR | ± --- ° | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. | | | |
| | REV | | DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS | | SEE CHART | | SD-53647-003 | | 1 OF 3 | | | |
| SIZE
A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | |

