

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0543630289

Status:

Active

Description:

0.50mm (.020") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 2.00 and 3.00mm (.079 and .118") Stacking Heights, with Solder Tabs, 20 Circuits, Lead-free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54363-046 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Receptacles

54363

Board-to-Board

SlimStack™

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Glow-Wire Compliant

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

20

20

Black

30

No

0.079 In

2.00 mm

Phosphor Bronze

Gold

Gold

High Temperature Thermoplastic

2

Vertical

0.000 In

0.00 mm

No

Yes

0.000 In

0.00 mm

Embossed Tape on Reel

0.020 In

0.50 mm

0.020 In

0.50 mm

10

0.25

2

0.05

No

No

No

Yes

-25°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V AC (RMS)/DC

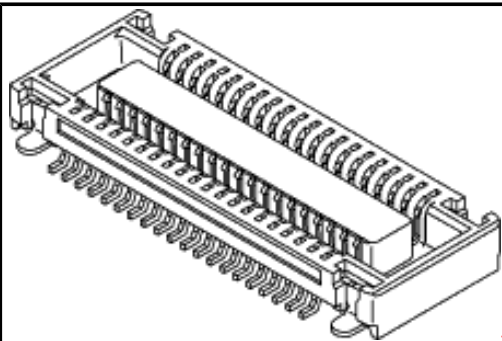


image - Reference only

Series

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](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

54363Series

Mates With

55201 PCB Header, 55650 PCB Header

**Material Info**

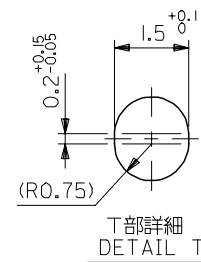
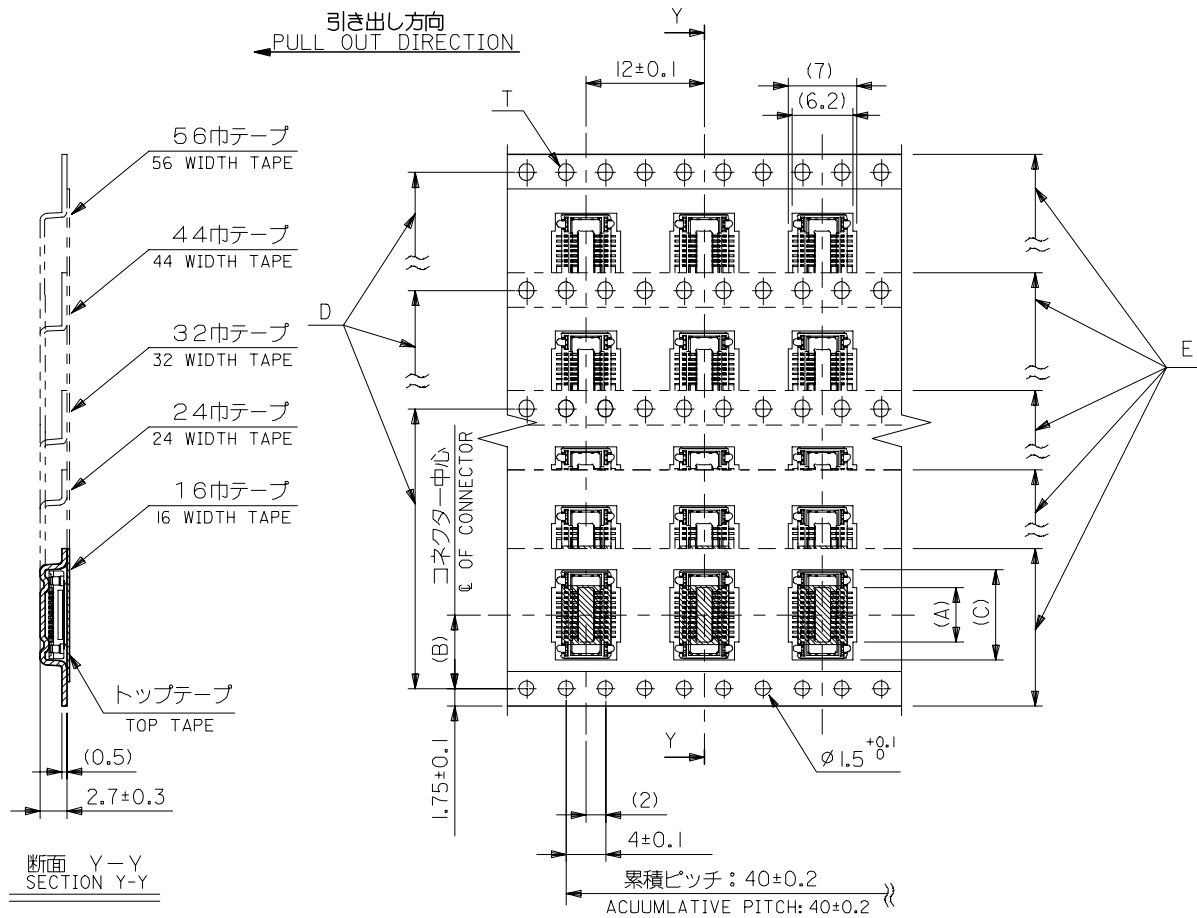
**Reference - Drawing Numbers**

|                       |                            |
|-----------------------|----------------------------|
| Product Specification | PS-54363-046               |
| Sales Drawing         | SD-54363-049, SD-54363-050 |

This document was generated on 04/16/2010

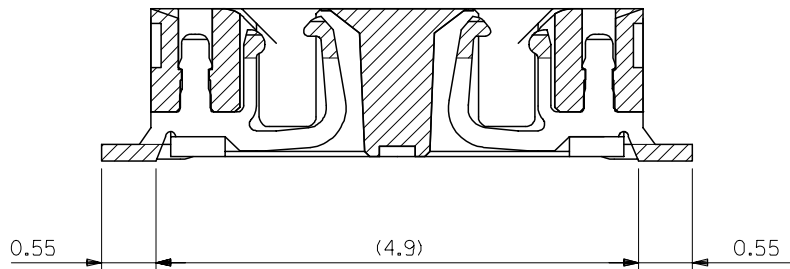
**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**



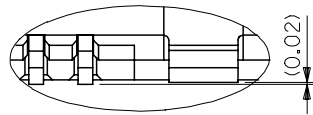


|                                                                            |                                                            |                                          |             |                            |                                                                                                                                  |                                                                                                          |                        |                                                                                                                 |  |
|----------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| REVISED<br>EC NO: J2007-4632<br>DRAWN:MABEL<br>CHKD:KTOYODA<br>APPR:NUKITA | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |             | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---                                                                                             | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |  |
|                                                                            |                                                            | 10 UNDER                                 | ± 0.2       | DRAWN BY<br>Y.AOYAGI       | DATE<br>2006/11/08                                                                                                               | TITLE<br>EMBOSSD TAPE PACKAGE<br>FOR 54363-**-81                                                         |                        |                                                                                                                 |  |
|                                                                            |                                                            | 10 OVER 30 UNDER                         | ± 0.25      | CHECKED BY<br>K.TOYODA     | DATE<br>2006/11/08                                                                                                               |                                                                                                          |                        |                                                                                                                 |  |
|                                                                            |                                                            | 30 OVER                                  | ± 0.3       | APPROVED BY<br>N.UKITA     | DATE<br>2006/11/08                                                                                                               |  MOLEX INCORPORATED |                        |                                                                                                                 |  |
|                                                                            |                                                            | ANGULAR ±3 °                             |             | MATERIAL NO.               |                                                                                                                                  |                                                                                                          |                        |                                                                                                                 |  |
|                                                                            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE SHEET 1 |                            | SD-54363-049                                                                                                                     |                                                                                                          | 2 OF 2                 |                                                                                                                 |  |
|                                                                            | REV<br>A                                                   |                                          |             | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                          |                        |                                                                                                                 |  |

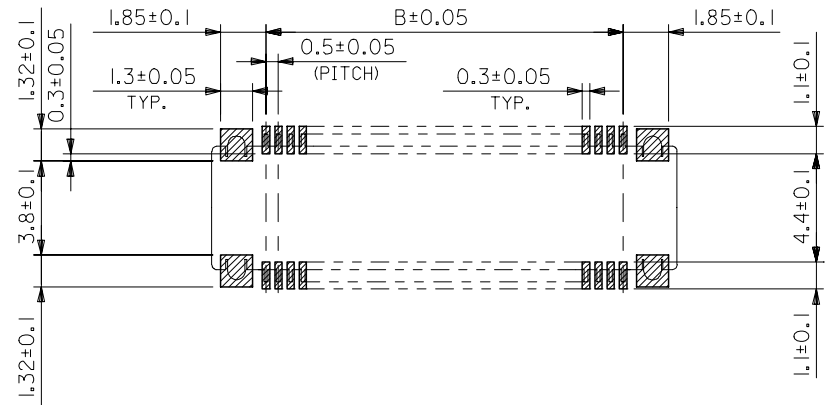




半田付け部詳細図  
DETAIL FOR SOLDERING AREA



T部詳細  
DETAIL T



推奨基板寸法  
RECOMMENDED PCB PATTERN LAYOUT  
(SCALE 5:1)

|                                                                              |                                        |             |                                                                                                                                  |       |                 |      |                                                                     |              |                           |  |
|------------------------------------------------------------------------------|----------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|------|---------------------------------------------------------------------|--------------|---------------------------|--|
| REVISED<br>EC NO: J2008-1106<br>DRWN:YAOYAGI<br>CHKD:K TOYODA<br>APPR:NUKITA | 2007/10/04<br>2007/10/05<br>2007/10/05 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                         |       | DIMENSION STYLE |      | SCALE                                                               | DESIGN UNITS | THIRD ANGLE<br>PROJECTION |  |
|                                                                              |                                        |             |                                                                                                                                  |       | MM ONLY         |      | 10:1                                                                | METRIC       |                           |  |
|                                                                              |                                        |             | 10 UNDER                                                                                                                         | ±0.2  | DRAWN BY        | DATE | TITLE<br>0.5 MM PITCH B/B CONN.<br>WITH FITTING NAIL<br>-LEAD FREE- |              |                           |  |
|                                                                              |                                        |             | 10 OVER 30 UNDER                                                                                                                 | ±0.25 | CHECKED BY      | DATE |                                                                     |              |                           |  |
|                                                                              |                                        |             | 30 OVER                                                                                                                          | ±0.3  | APPROVED BY     | DATE |                                                                     |              |                           |  |
|                                                                              |                                        |             | ANGULAR ±3 °                                                                                                                     |       | MATERIAL NO.    |      | DOCUMENT NO.                                                        |              | SHEET NO.                 |  |
|                                                                              |                                        |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |       | SEE SHEET 1     |      | SD-54363-050                                                        |              | 2 OF 2                    |  |
| REV                                                                          |                                        | SIZE<br>A3  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                 |      |                                                                     |              |                           |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9