

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0550910974

Status:

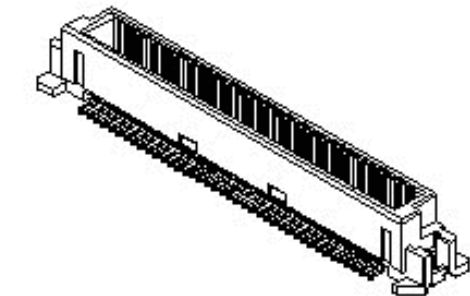
Active

Overview:

slimstack_0635mm_025_pitch

Description:

0.635mm (.025") Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 6.00 and 12.00mm (.236 and .472") Stacking Heights, Black, Lead-free, 90 Circuits, Robotic Placement Metal Cap, with Embossed Tape on Reel Packaging



Series

image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-52760-015 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

PCB Headers

55091

Board-to-Board

Stacking-Type

slimstack_0635mm_025_pitch

SlimStack™

Physical

Breakaway

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

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

90

Black

50

94V-0

No

0.236 In, 0.472 In

12.00 mm, 6.00 mm

Copper Alloy

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-55091-001

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

55091Series

Mates With

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

Product Specification

Sales Drawing

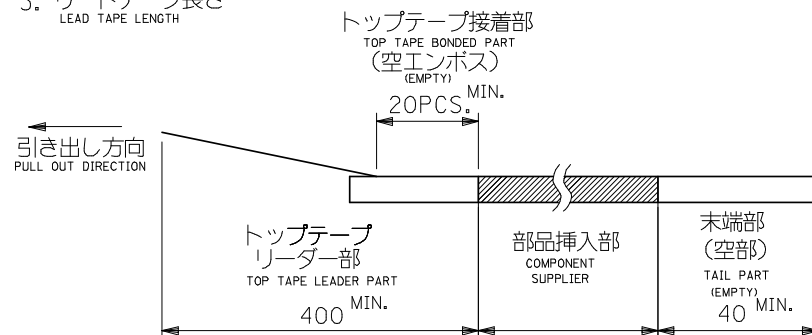
PS-52760-015, RPS-52760-017, RPS-52760-018,
RPS-52760-020, RPS-52760-021, RPS-52760-022,
RPS-52760-026, RPS-52760-029, RPS-52901-012
SD-55091-006, SD-55091-007

This document was generated on 05/27/2010

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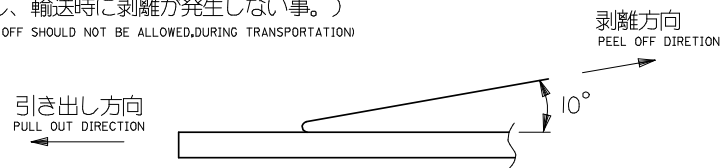
注)
NOTES

- 製品番号 55091-***72 の詳細寸法については、SD-55091-006 を参照下さい。
IN THE PACKAGE ,PART NO.55901-***72 DETAILED DIMENSIONS ,SEE SD-55091-006.
- 梱包数量 : 1000 個/リール
NUMBER OF CONNECTORS : 1000 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH



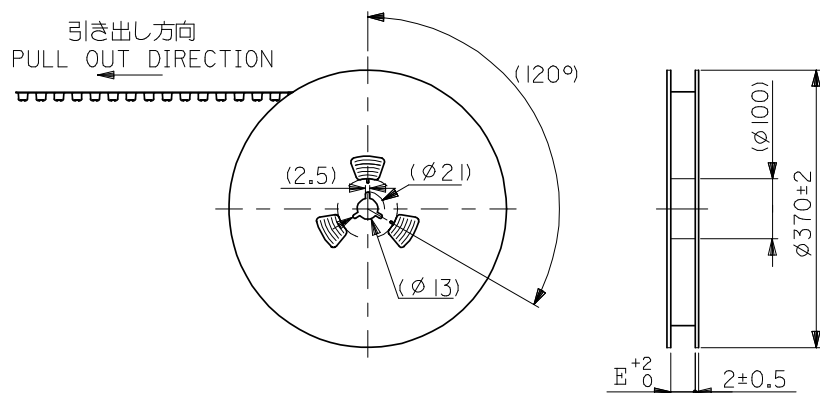
- トップテープの剥離強度: (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
0.1~1.3N {10~130gf}

尚、本規格値は、出荷時に適用。
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
(但し、輸送時に剥離が発生しない事。)
(PEEL OFF SHOULD NOT BE ALLOWED,DURING TRANSPORTATION)



- 材料
MATERIAL
キャリアテープ : ポリプロピレン (PP)
CARRIER TAPE : POLYPROPYLENE (PP)
トップテープ : PET, PE, PEF
TOP TAPE : PET , PE , PEF
リール : 紙
REEL : CARD BOARD

- 本製品は55091-***4の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55091-***4.



REVISED EC NO: J2009-0365 DRWN:WABEI CHK'D:THARUYAMA APPR:NUKITA		DESCRIPTION REV	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		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY KAWABATA		DATE '04/03/05	TITLE 55091-**72 TAPING PACKAGE -LEAD FREE-			
					CHECKED BY KT0JO		DATE '04/03/05				
					APPROVED BY MSASAO		DATE '04/03/05	molex MOLEX INCORPORATED			
			MATERIAL NO.		DOCUMENT NO.				SHEET NO.		
			SEE SHEET 2,3		SD-55091-007				1 OF 3		
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

F

E

D

C

B

A

F

E

D

C

B

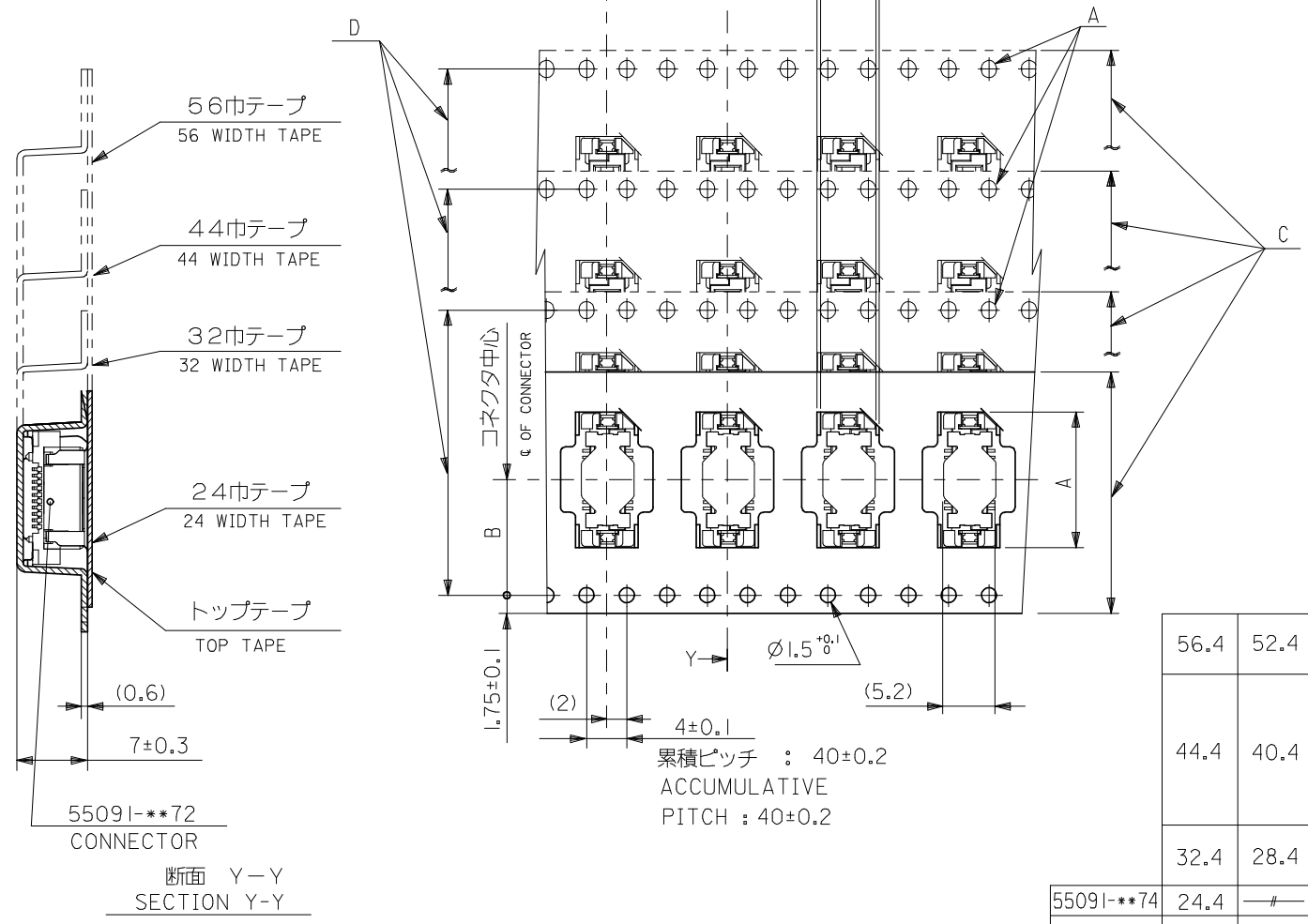
A

引き出し方向
PULL OUT DIRECTION

Y

12±0.1

(6.2)
(5.5)



56巾テープ
56 WIDTH TAPE

44巾テープ
44 WIDTH TAPE

32巾テープ
32 WIDTH TAPE

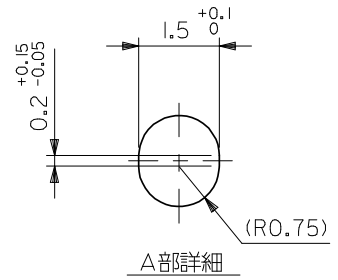
24巾テープ
24 WIDTH TAPE

トップテープ
TOP TAPE

55091-**72
CONNECTOR

断面 Y-Y
SECTION Y-Y

累積ピッチ : 40±0.2
ACCUMULATIVE
PITCH : 40±0.2



56.4	52.4	56 ^{+0.3}	26.2	38.9	55091-1074	100	○
				35.8	-0974	90	○
				32.6	-0874	80	○
				29.4	-0774	70	○
44.4	40.4	44 ^{+0.3}	20.2	28.8	-6874	68	—
				26.2	-0674	60	○
				23.1	-0574	50	○
32.4	28.4	32 ^{+0.3}	14.2	19.9	-0474	40	○
				16.7	-0374	30	○
55091-**74	24.4	24 ^{+0.3}	11.5	13.5	55091-0274	20	○
MODEL NO	E	D	C	キャリアテープ幅 CARRIER TAPE WIDTH	B	A	MATERIAL NO. 極数 NO. OF CKTS. AVAILABLE

REVISED
EC NO: J2009-0365
DRWN:WABEI
CHKD:THARUYAMA
APPR:NUKITA

DESCRIPTION
2008/08/06
2008/08/07
2008/08/07

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

DIMENSION STYLE
MM ONLY

DRAWN BY KAWABATA	DATE '04/03/05
CHECKED BY KTOJO	DATE '04/03/05
APPROVED BY MSASAO	DATE '04/03/05

MATERIAL NO.

SEE TABLE

SIZE
A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

55091-**72 TAPING
PACKAGE
-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.
SD-55091-007

SHEET NO.
2 OF 3

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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

E

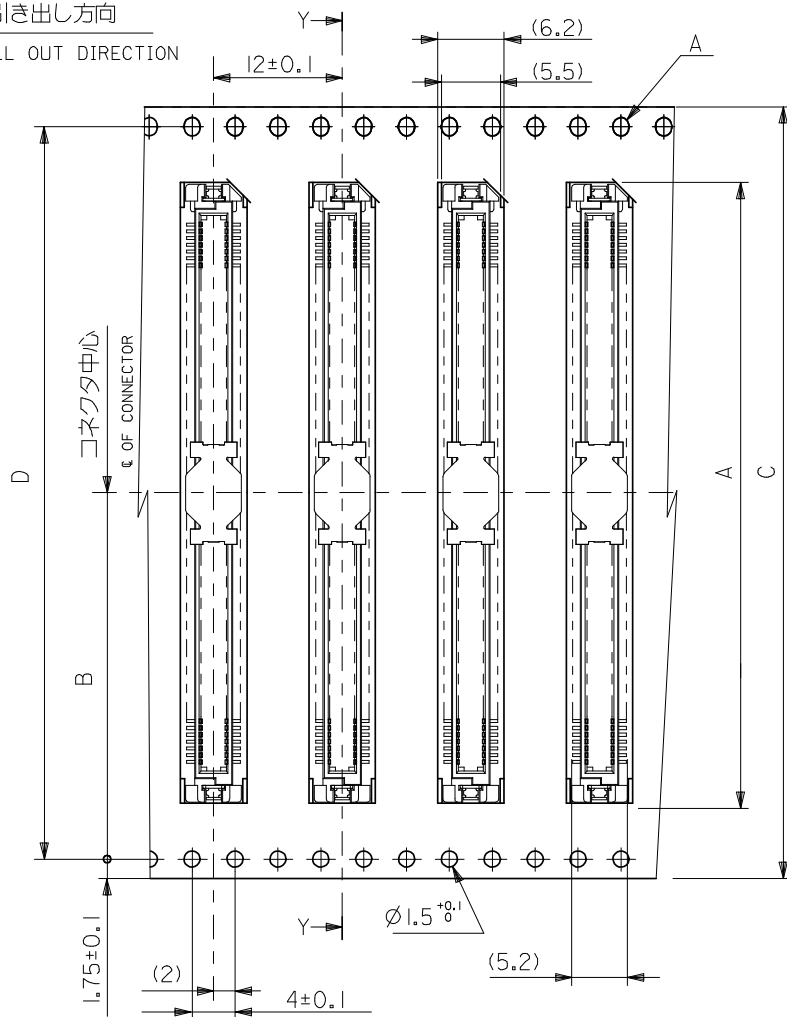
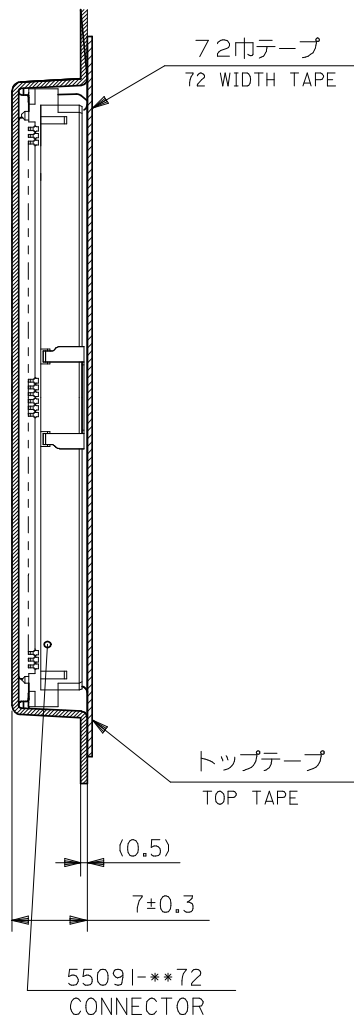
D

C

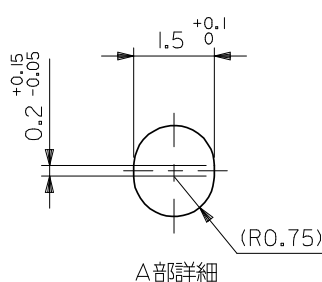
B

A

引き出し方向
PULL OUT DIRECTION



累積ピッチ : 40±0.2
ACCUMULATIVE
PITCH : 40±0.2



55091-**74
MODEL NO.

72.4	68.4	72 ^{±0.3}	34.2	58.0	55091-1674	160	○
				51.6	55091-1474	140	○
				45.3	55091-1274	120	○
C				(B)	(A)	MATERIAL NO.	極数 NO. OF CKTS. AVAILABLE

REVISED EC NO: J2009-0365 DRWN:WABEI CHKD:THARUYAMA APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		---	METRIC			
				DRAWN BY		DATE	55091-**72 TAPING PACKAGE -LEAD FREE-			
				KAWABATA		'04/03/05				
				CHECKED BY		DATE				
				KTOJO		'04/03/05				
				APPROVED BY		DATE	molex MOLEX INCORPORATED			
MSASAO		'04/03/05								
MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
SEE TABLE		SD-55091-007		3 OF 3						
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								