

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5019203001

Status:

Active

Overview:

slimstack_050mm_020_pitch

Description:

0.50mm (.020") Pitch SlimStack™ Board-to-Board Plug, SMT, Dual Row, Vertical Stacking, 4.00mm (.157") Stack Height, Without Solder Tabs, 30 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-52991-008 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

501920

Board-to-Board

slimstack_050mm_020_pitch

SlimStack™

Physical

Breakaway

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

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 Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

30

Black

30

No

No

None

None

0.157 In

4.00 mm

Copper Alloy

Gold

Tin

2

Vertical

No

None

Embossed Tape on Reel

0.020 In

0.50 mm

No

No

No

Yes

-40°C to +105°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V AC (RMS)/DC

Material Info

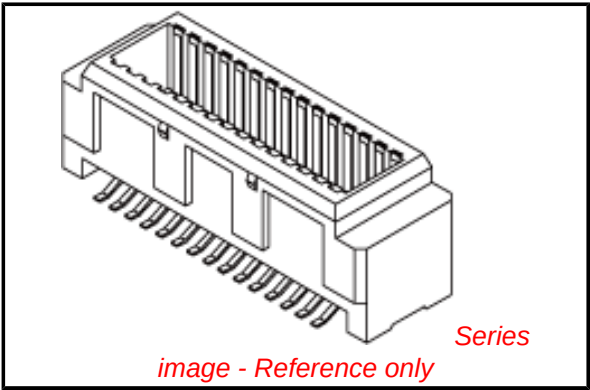
Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-52991-008, RPS-52991-015

SD-501920-001, SD-501920-002



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

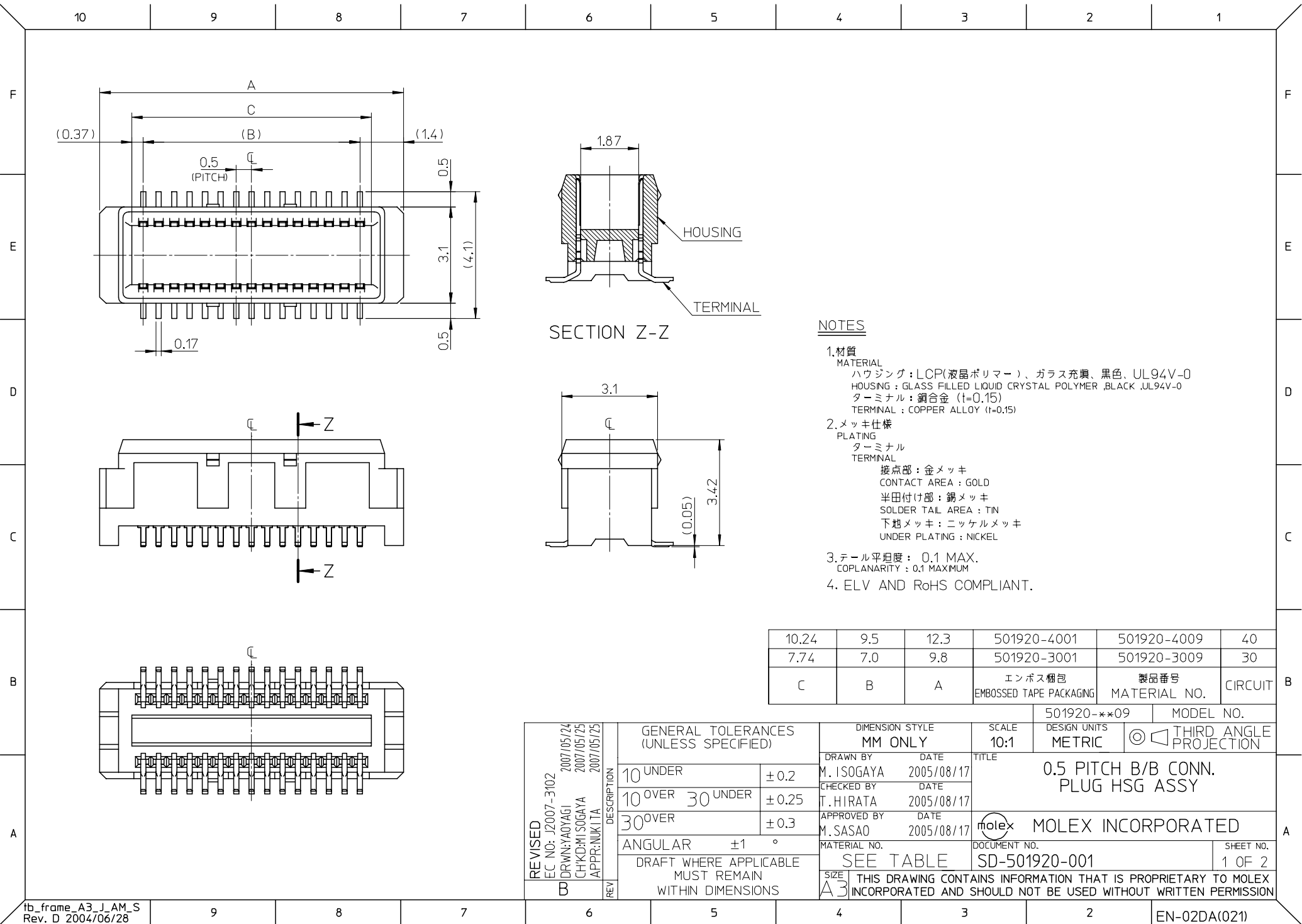
501920Series

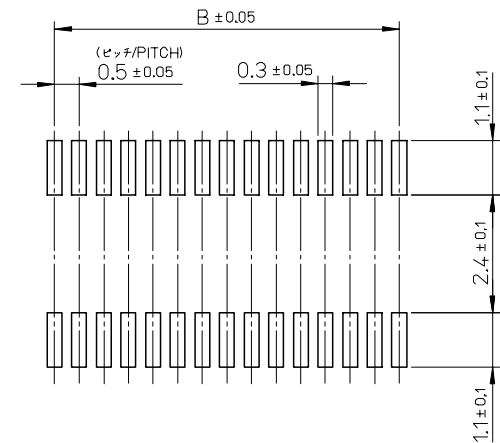
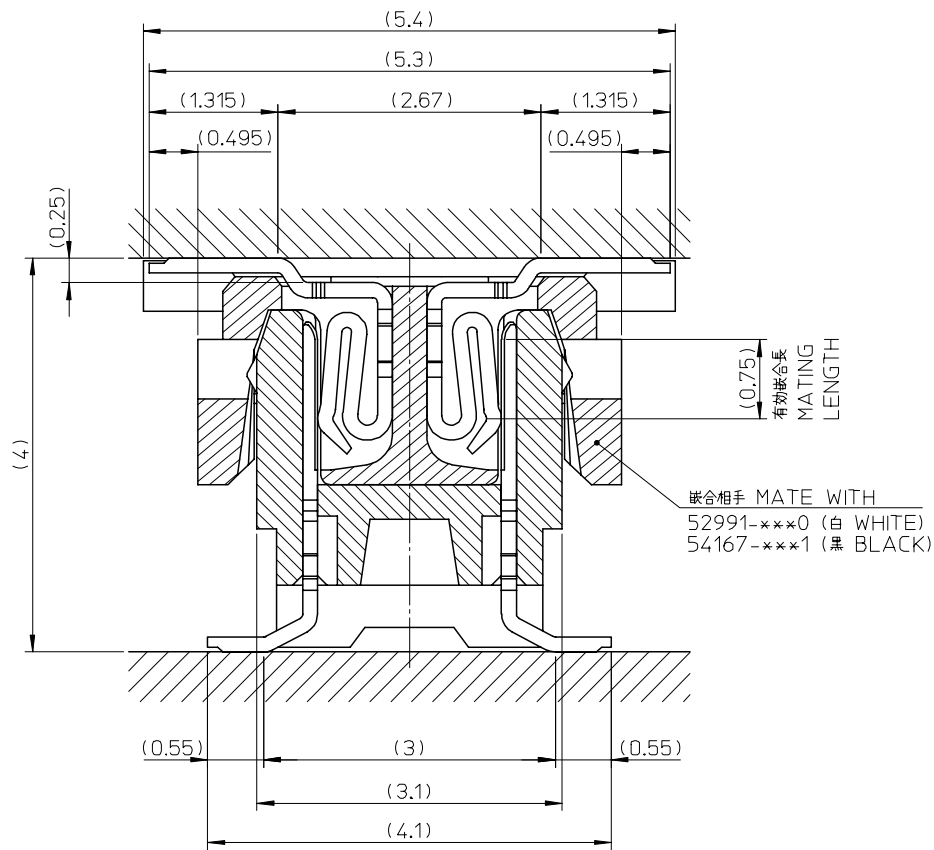
Mates With

SlimStack™ Receptacle 52991 , 54167

This document was generated on 05/26/2010

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参考基板レイアウト (マウント面)
RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)
(MOUNT AREA) (SCALE 10:1)

嵌合断面図(参考)
MATED DRAWING (REF.)

REVISED EC NO: J2007-3102 DRWN:YAOYAGI CHKD:M ISOYAYA APPR:NUKITA	DESCRIPTION 2007/05/24 2007/05/25 2007/05/25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 20:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY M. ISOGAYA	DATE 2005/08/17	TITLE 0.5 PITCH B/B CONN. PLUG HSG ASSY			
		10 OVER 30 UNDER	±0.25	CHECKED BY T. HIRATA	DATE 2005/08/17				
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2005/08/17	 MOLEX INCORPORATED			
		ANGULAR ±1 °	MATERIAL NO.	DOCUMENT NO.					SHEET NO. 2 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 1		SD-501920-001				
			REV	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

F

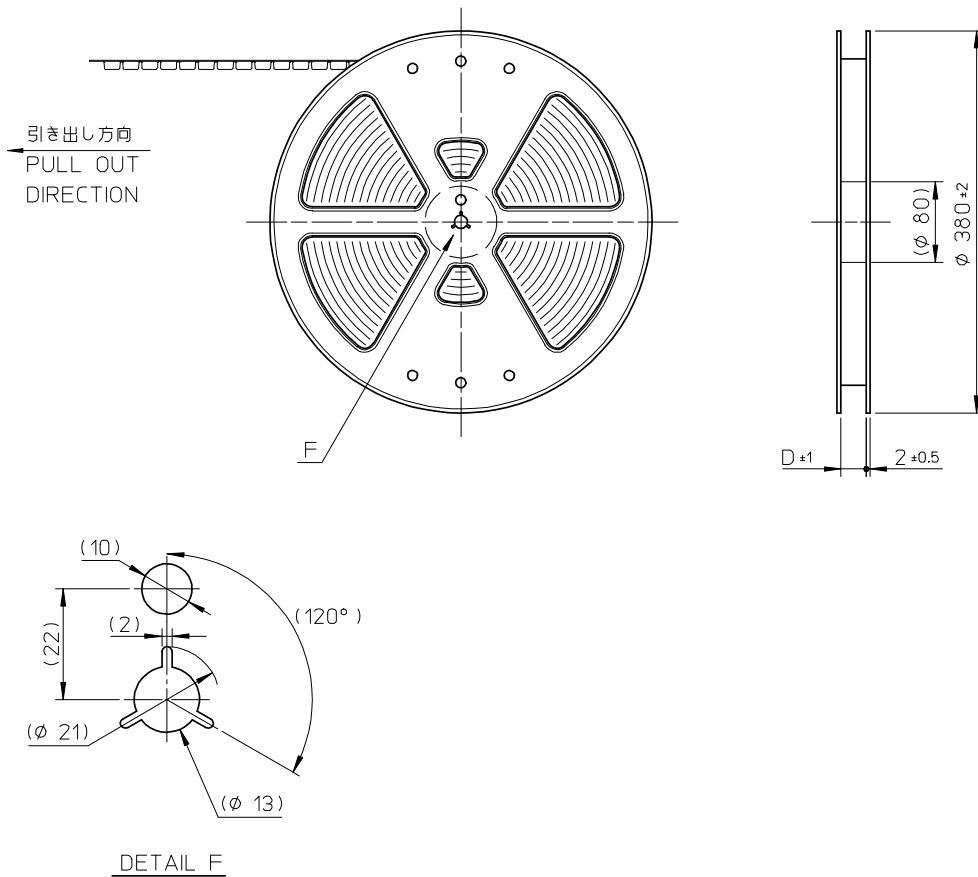
E

D

C

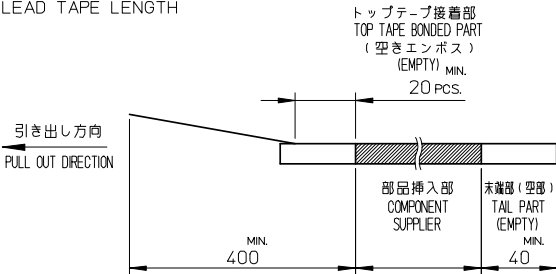
B

A

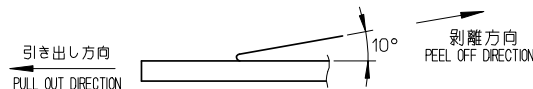


NOTES

- 製品詳細寸法については、製品単体図面を御参照下さい。
For detail of connector dimensions,
please see the drawing of connector itself (not packaged)
- 梱包数量 : 1500 個/リール
NUMBER OF CONNECTORS : 1500 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH



- トップテープの剥離強度 : 0.1N ~ 1.3N (10gf~130gf)
(剥離方向は下図参照)
尚、本規格値は、出荷時に適用。(但し、輸送時に剥離が発生しない事。)
PEELING OFF FORCE OF TOP TAPE 0.1N~1.3N (10gf~130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
(PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.)



- 材料
キャリアテープ : ポリプロピレン
トップテープ : PET ,PE ,PEF
リール : ポリスチレン(PS) <リサイクル材を含む>
MATERIAL
CARRIER TAPE : POLYPROPYLENE
TOP TAPE : PET ,PE ,PEF
REEL : POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>
- ELV AND RoHS COMPLIANT.

REVISED EC NO.: J2008-2863 DRAWN:TKA/HO CHKD:MSASAO APPR:MSASAO	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		501920--*01 SCALE --H		MODEL NO. THIRD ANGLE PROJECTION	
		10 UNDER ±0.2		DRAWN BY DATE M. ISOGAYA 2005/08/18		DESIGN UNITS METRIC		TITLE EMBSTP PKG FOR 0.5 PITCH B/B CONN. PLUG HSG ASSY	
		10 OVER 30 UNDER ±0.25		CHECKED BY DATE T. HIRATA 2005/08/18					
		30 OVER ±0.3		APPROVED BY DATE M. SASAO 2005/08/18					
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2 SIZE A3		SD-501920-002		1 OF 2	
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

F

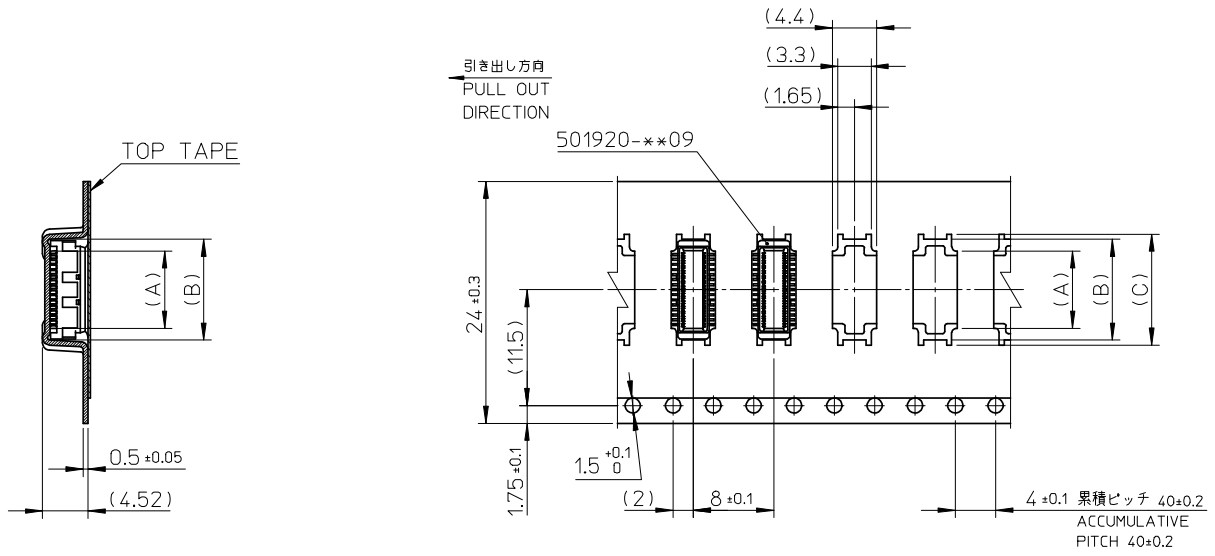
E

D

C

B

A



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	25.4	16.0	15.0	12.67	501920-5001	50
		13.5	12.5	10.17	501920-4001	40
		11.0	10.0	7.67	501920-3001	30
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	MATERIAL NO.	CIRCUIT

REVISED	EC NO: J2008-2863 DRWN:TKA HO CHKD:MSASAO APPR:MSASAO	2008/01/29 2008/01/29 2008/02/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ≠	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				10 UNDER	± 0.2	DRAWN BY M. ISOGAYA	DATE 2005/08/18	TITLE EMBSTP PKG FOR 0.5 PITCH B/B CONN. PLUG HSG ASSY				
				10 OVER 30 UNDER	± 0.25	CHECKED BY T. HIRATA	DATE 2005/08/18					
				30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2005/08/18	MOLEX MOLEX INCORPORATED				
				ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501920-002		2 OF 2		
	B		REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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

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