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Part Number:

5003340160

Status:

Active

Overview:

slimstack_050mm_020_pitch

Description:

0.50mm (.020") Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 2.50mm (.098") Stack Height, 16 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54102-010 (PDF)

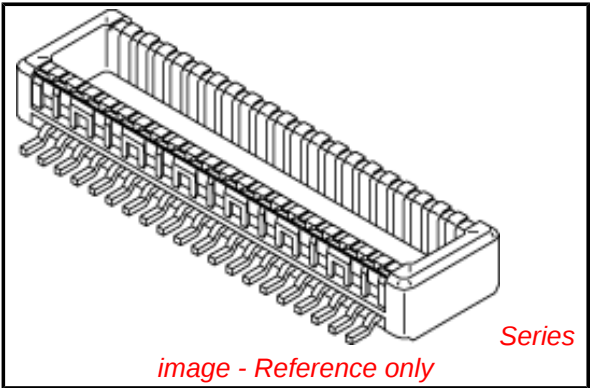
RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	500334
Application	Board-to-Board
Overview	slimstack_050mm_020_pitch
Product Name	SlimStack™
Physical	
Breakaway	No
Circuits (Loaded)	16
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.098 In
Mated Height (mm)	2.50 mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers	
Packaging Specification	SPK-500334-001
Product Specification	PS-54102-010, RPS-54102-008, RPS-54102-012, RPS-54102-014, RPS-54102-017
Sales Drawing	SD-500334-001, SD-500334-002



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

500334Series

Mates With

54102 SlimStack™ Receptacle

This document was generated on 05/26/2010

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DWG. NO.
SD-500334-001

F

D

A

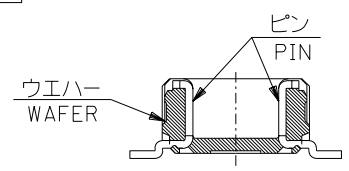
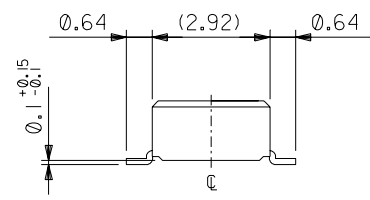
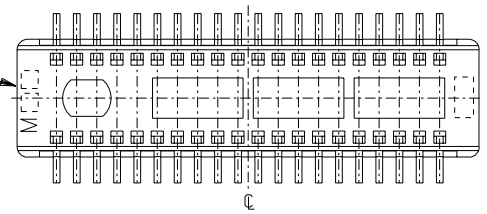
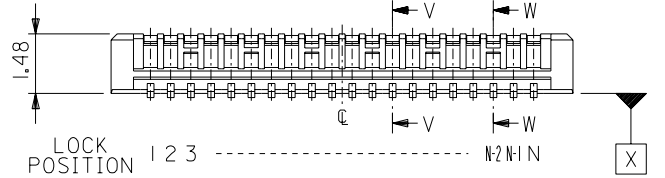
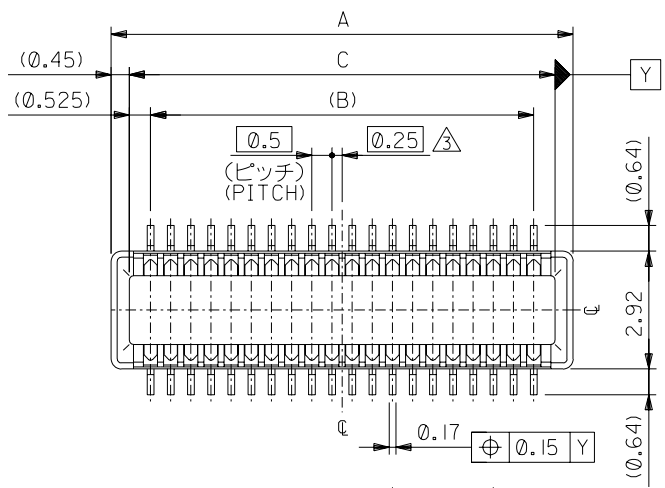
C

B

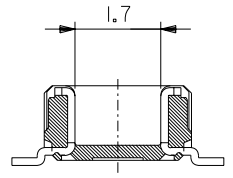
DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			REVISED '04/03/22 EC NO. J2004-2899 DRWN: K.TOYODA CHK: K.ASAKAWA APPR: S.ICHIKAWA			RELEASED '03/04/04 EC NO. J2003-2536 DRWN: T.YASUI CHK: T.IITO APPR: T.YAMAGUCHI			DESCRIPTION MATERIAL 材料 注記参照 SEE NOTES FINISH 仕上り WIRE RANGE 適用配線範囲 INS. RANGE 被覆外径			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —//— DRAWN BY & DATE T.YASUI '03/ 4/ 4			MODEL No. DESIGN UNITS THIRD ANGLE PROJECTION			DIMENSIONS: mm INCH mm INCH mm ONLY			SHT REVISION CAD ONLY			REV																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
A			Q			REV												10 UNDER 未満 ±0.2			10 OVER 以上 30 UNDER 未満 ±0.25			30 OVER 以上 ±0.3			ANGLE 角度 ±3°			TITLE: 0.5 BOARD TO BOARD Conn PLUG Assy (Hgt=2.5) -LEAD FREE-			MOLEX INCORPORATED			MATERIAL NO. SEE CHART			DRAWING NO. SD-500334-001			SHEET NO. 1 OF 2			SIZE B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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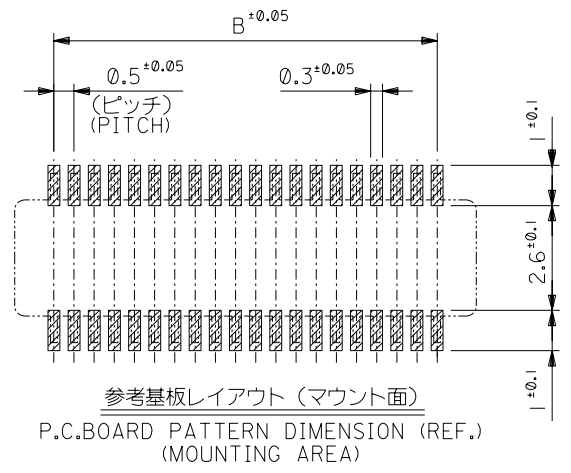
トレードマーク
TRADE MARK



SECT.W-W(LOCK PART)



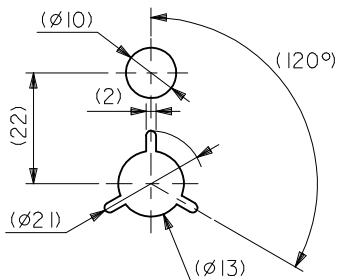
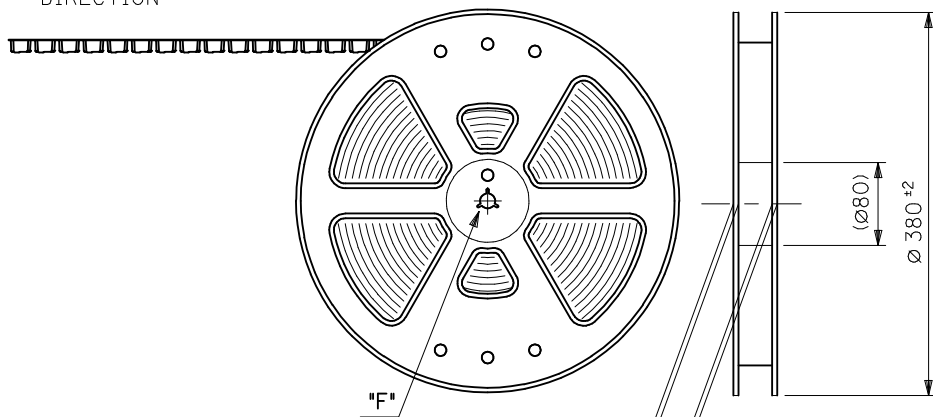
SECT.V-V(W/O LOCK PART)



ALL	8.05	7	8.95	500334-0308	30
	5.55	4.5	6.45	500334-0208	20
	4.55	3.5	5.45	500334-0168	16
LOCK POSITION	C	B	A	MATERIAL No. CIRCUIT	

50-500334-001.S02

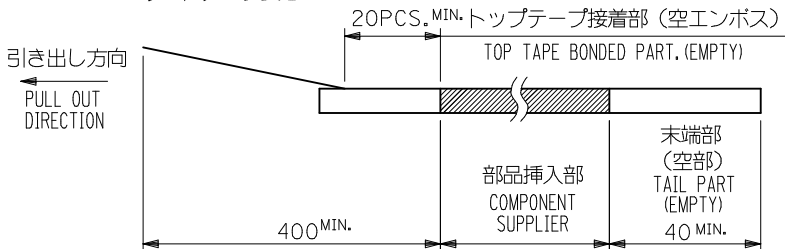
引き出し方向
PULL OUT
DIRECTION



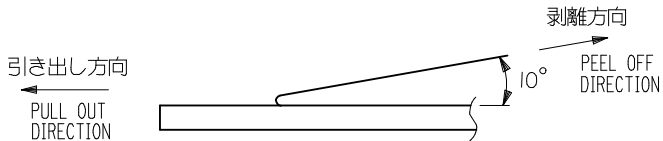
DETAIL "F"

NOTES

- 製品詳細寸法については図面 SD-500334-001 を参照下さい。
RE DETAILED DIMENSION, SEE SD-500334-001
- 梱包数量：3000個／リール
NUMBER OF CONNECTORS：3000PCS/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 ～ 0.7N(10.2gf ～ 71.4gf)
(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こと。)
PEELING OFF FORCE OF TOP TAPE：0.1N ～ 0.7N(10.2gf ～ 71.4gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.

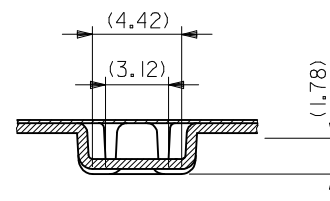
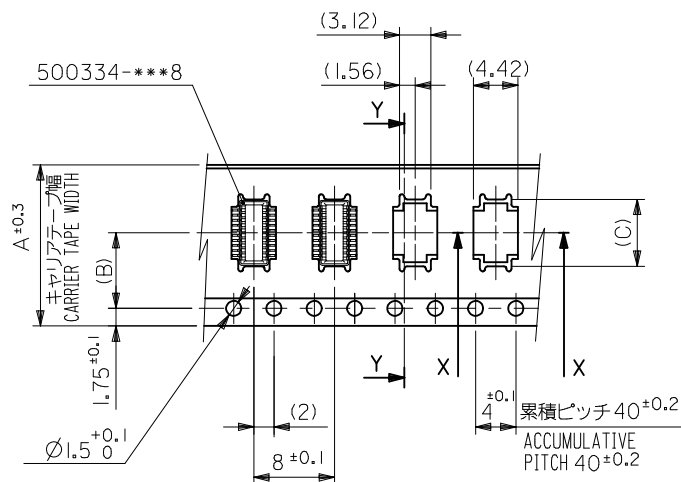
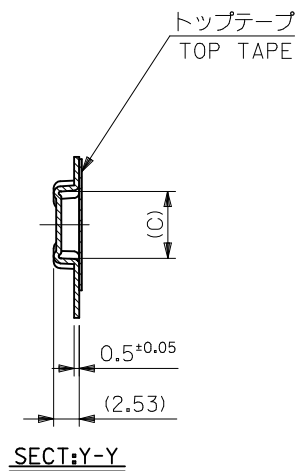


5. 材料 MATERIAL
キャリアテープ：ポリプロピレン (PP)
CARRIER TAPE：POLYPROPYLENE (PP)
トップテープ：ポリエステル (PET)、ポリエチレン (PE)、ポリエチレンフォーム (PEF)
TOP TAPE：POLYESTER (PET)、POLYETHYLENE (PE)、POLYETHYLENEFOAM (PEF)
リール：ポリスチレン (PS) <リサイクル材を含む>
REEL：POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

REVISED EC NO.: J2009-2132 DRWN: N.YOSHIKAWA 2009/03/19 CHKD: M. HAYASHI 2009/03/23 APPR: NUKITA 2009/03/24	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY N.YOSHIKAWA	DATE 2009/03/18	TITLE EMBSTP PKG FOR 0.5 B/B PLUG ASSY (HGT=2.5) -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M.HAYASHI	DATE 2009/03/18					
		30 OVER	± 0.3	APPROVED BY N.UKITA	DATE 2009/03/18	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-500334-002		1 OF 2			
B	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

引き出し方向
PULL OUT DIRECTION



16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

500334-***0	29.4	25.4	9.15	11.5	24	500334-0300	30
	21.4	17.4	6.65	7.5	16	500334-0200	20 ⑥
	21.4	17.4	5.65	7.5	16	500334-0160	16
MODEL NO.	⑥ E	⑥ D	(C)	(B)	A	MATERIAL No.	極致 CKT.

REVISED EC NO: J2009-2132 DRWN:YOSHIKAWA 2009/03/19 CHK'D:M. HAYASHI 2009/03/23 APPR:NUKITA 2009/03/24	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
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		10 OVER 30 UNDER	± 0.25	M. HAYASHI	2009/03/19					
		30 OVER	± 0.3	N. UKITA	2009/03/19	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-500334-002		2 OF 2			
	B	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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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.

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