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Part Number: [5033763410](#)
Status: **Active**
Overview: [slimstack_mm016_pitch](#)
Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, SMT, Dual Row, Right Angle, with Solder Tabs and Plastic Pegs, 34 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-54552-023 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	503376
Application	Board-to-Board
Overview	slimstack_mm016_pitch
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	34
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

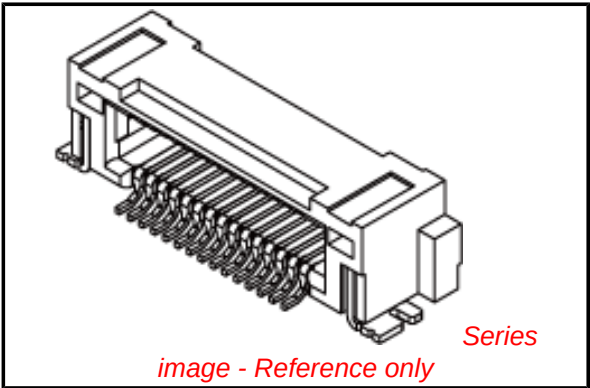
Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-503376-001
Product Specification	PS-54552-023, RPS-54552-011
Sales Drawing	SD-503376-001, SD-503376-002



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

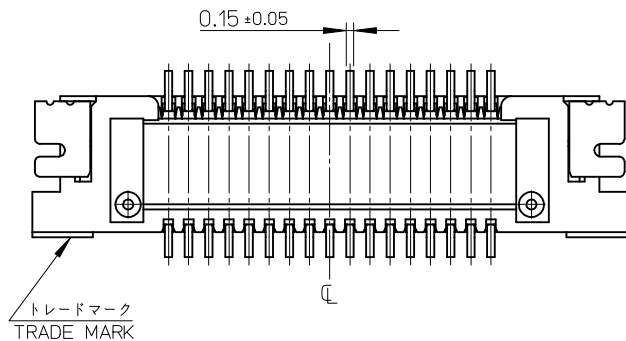
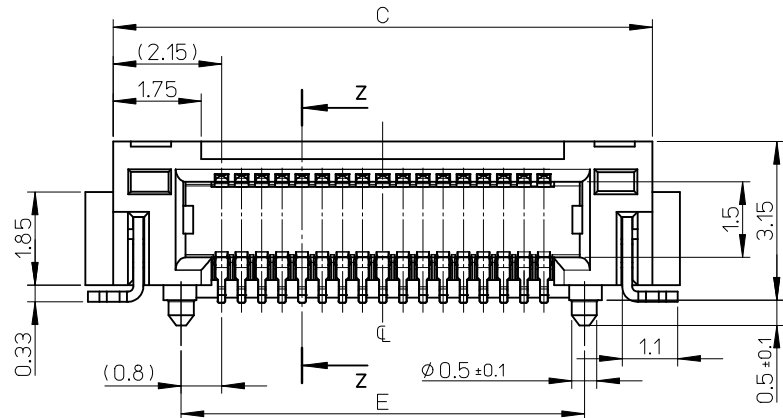
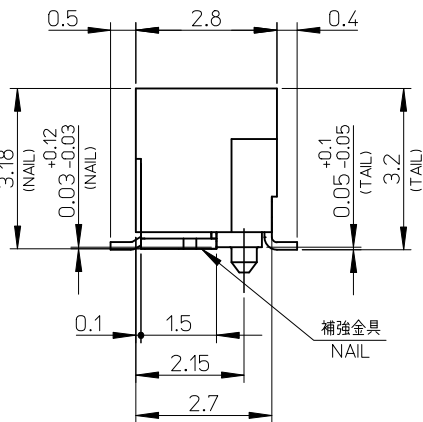
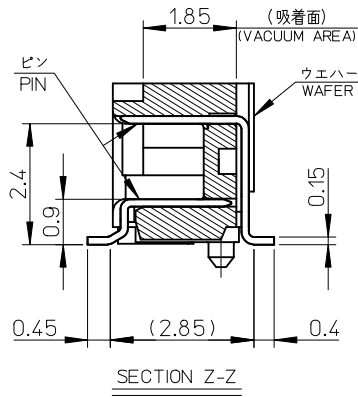
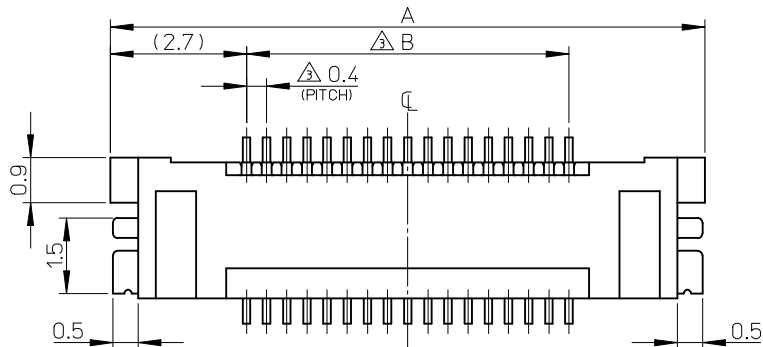
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[503376Series](#)

Mates With
[54552 PCB Receptacle](#)

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注記 NOTES

1. 使用材料 MATERIAL
ウエハー: 液晶ポリマー ガラス充填 UL94V-0 黒色
WAFER: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR BLACK
ピン: リン青銅
PIN: PHOSPHOR BRONZE
補強金具: リン青銅
FITTING NAIL: PHOSPHOR BRONZE
2. メッキ仕様 PLATING
ピン PIN
コンタクト部: 部分金めっき (0.25 μm 以上)
テール部: 部分金めっき
下地: ニッケルめっき (1.5 μm 以上)
CONTACT AREA: SEPARATED GOLD PLATING (0.25 MICROMETER MINIMUM)
SOLDER TAIL AREA: SEPARATED GOLD PLATING
UNDERPLATE: NICKEL OVERALL (1.5 MICROMETER MINIMUM)
補強金具 FITTING NAIL
錫めっき (1.0 μm 以上)
下地: ニッケルめっき (1.0 μm 以上)
TIN PLATING (1.0 MICROMETER MINIMUM)
UNDERPLATE: NICKEL OVERALL (1.0 MICROMETER MINIMUM)
- △ テール部に適用。
APPLY TO THE TAIL AREA.
4. 嵌合相手: 54552 シリーズ
MATE WITH: 54552 SERIES.
5. テール平坦度は、0.08 以下
テール及び金具の平坦度は、0.1 以下
TAIL COPLANARITY TO BE 0.08 MAXIMUM
TAIL AND FITTING NAIL COPLANARITY TO BE 0.1 MAXIMUM
6. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

9.2	10.5	11.9	7.6	13.0	503376-4010	40
8.0	9.3	10.7	6.4	11.8	503376-3410	34
7.2	8.5	9.9	5.6	11.0	503376-3010	30
E	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER No.	極数 CIRCUITS

CONNECTOR SERIES No. : 503376-**19

REVISED EC NO: J2010-0351 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
		10 UNDER	± 0.2	M. TAKASAKI	2009/06/03	TITLE 0.4 B-TO-B CONN. RA PLUG NAIL ASSY (WITH BOSS)								
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. HAYASHI	2009/06/03									
		30 OVER	± 0.3	APPROVED BY N. UKITA	2009/06/03	MOLEX INCORPORATED								
		ANGULAR ±3 °		MATERIAL NO. SEE CHART							DOCUMENT NO. SD-503376-001			SHEET NO. 1 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	REV													

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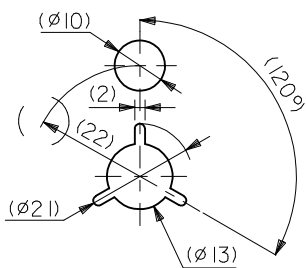
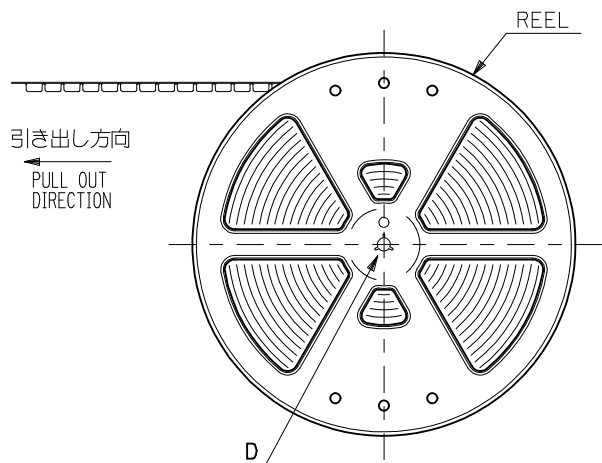
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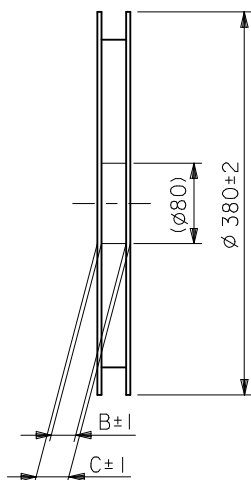
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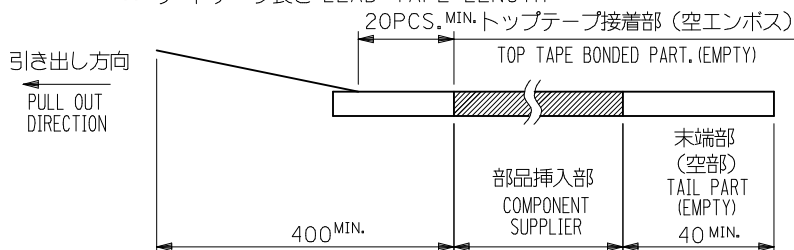


DETAIL D



NOTES

- 製品詳細寸法については SD-503376-001 を参照ください。
RE DETAILED DIMENSION, SEE SD-503376-001
- 梱包数量：1500個/リール
NUMBER OF CONNECTORS : 1500PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



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

503376-4010	40
503376-3410	34
503376-3010	30
MATERIAL NO.	極数 CIRCUITS

REVISED EC NO: J2010-0351 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	M. TAKASAKI	2009/06/03	TITLE EMBSTP PKG FOR 0.4 B/B CONN. RA PLUG NAIL ASSY				
		10 OVER 30 UNDER	± 0.25	M. HAYASHI	2009/06/03					
		30 OVER	± 0.3	N. UKITA	2009/06/03	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503376-002		1 OF 2			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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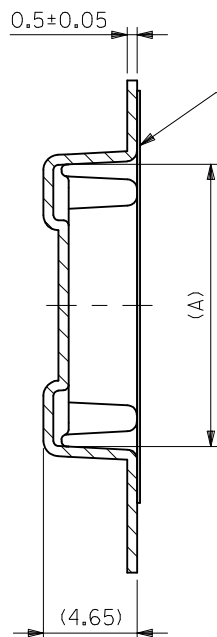
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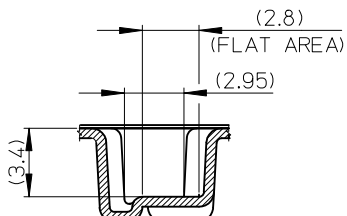
2

10 9 8 7 6 5 4 3 2 1



SECT X-X

トップテープ
TOP TAPE



SECT Y-Y

503376-**19

24±0.3

(11.5)

1.75±0.1

Ø 1.5^{+0.1}₀

(4.45)

(2.075)

(2.95)

(1.325)

(2)

12±0.1

PITCH

引き出し方向

PULL OUT DIRECTION

Y

Y

X

X

4±0.1

PITCH

累積ピッチ 40±0.2

ACCUMULATIVE

PITCH 40±0.2

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	13.2	503376-4010	40
			12.0	503376-3410	34
			11.2	503376-3010	30
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUITS

REVISED EC NO: J2010-0351 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	503376-002 THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	M. TAKASAKI	2009/06/03	TITLE EMBSTP PKG FOR 0.4 B/B CONN. RA PLUG NAIL ASSY				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	M. HAYASHI	2009/06/03					
		APPROVED BY		DATE	MOLEX MOLEX INCORPORATED					
	N. UKITA		2009/06/03							
	ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503376-002		2 OF 2				
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						