

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5034608010

Status:

Active

Overview:

slimstack_mm016_pitch

Description:

0.40mm (.016") Pitch SlimStack™ Board-to-Board, Plug, SMT, Dual Row, Vertical Stacking, 1.50mm (.059") Stacking Height, With Solder Tabs, 80 Circuits

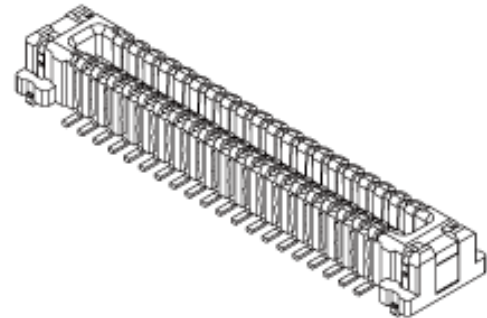


image - Reference only

Series

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-502426-004 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	503460
Application	Board-to-Board
Overview	slimstack_mm016_pitch
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	80
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height (in)	0.059 In
Mated Height (mm)	1.50 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-502426-002
Packaging Specification	SPK-503460-001
Product Specification	PS-502426-004, RPS-502426-018
Sales Drawing	SD-503460-001, SD-503460-002

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
503460Series

Mates With
502426 PCB Receptacle

10 9 8 7 6 5 4 3 2 1

注記 NOTES

1. 使用材料 MATERIAL

ウェハー : 液晶ポリマー (LCP)、ガラス充填、UL94V-0、黒
WAFER : LIQUID CRYSTAL POLYMER(LCP), GLASS FILLED, UL94V-0, BLACK

ピン : りん青銅 (t=0.08)
PIN : PHOSPHOR BRONZE (t=0.08)

金具 : りん青銅 (t=0.15)
FITTING NAIL : PHOSPHOR BRONZE (t=0.15)

2. メッキ仕様 PLATING

ピン PIN

金メッキ 0.1 マイクロメートル以上
GOLD 0.1MICROMETER MINIMUM

下地メッキ : ニッケルメッキ 1.0 マイクロメートル以上
UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM

※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.

※封孔処理品
SEALING DISPOSITION

金具 FITTING NAIL

フラッシュ金メッキ
FLASH Au PLATING

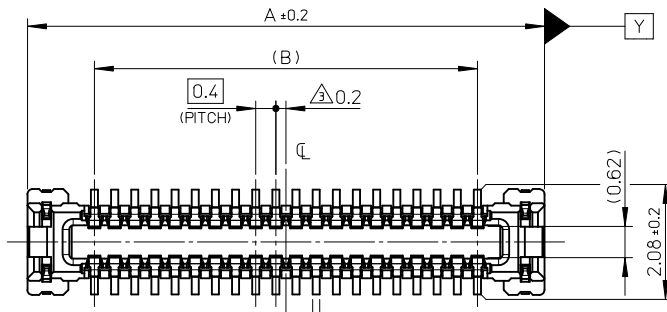
下地メッキ : ニッケルメッキ 1.0 マイクロメートル以上
UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM

△ (全極数 / 2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

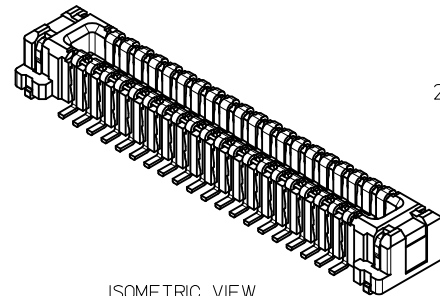
4. 嵌合相手 : 502426 シリーズ
MATE WITH : 502426 SERIES.

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 0.08MAXIMUM.
TAIL AND FITTING NAIL COPLANARITY TO BE 0.1MAXIMUM..

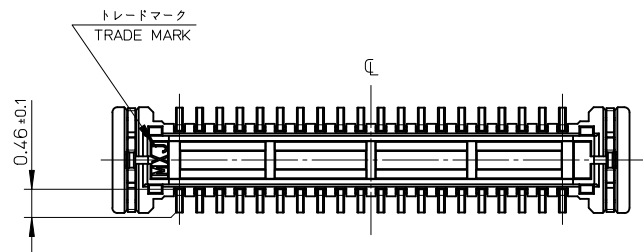
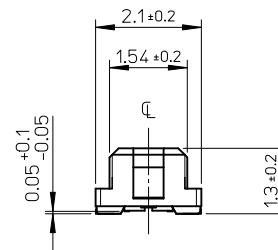
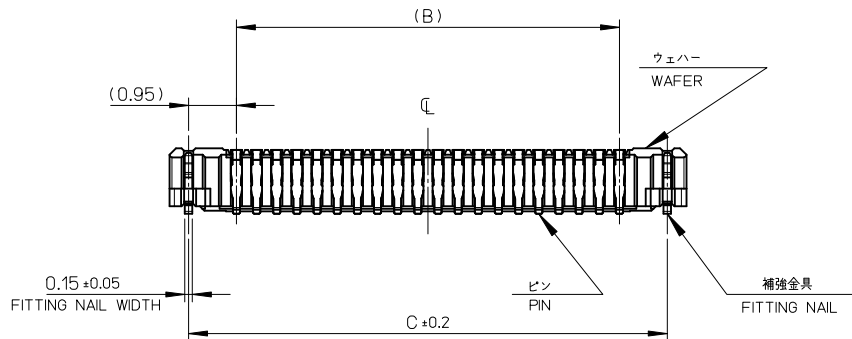
6. ELV 及び RoHS適合品
ELV AND RoHS COMPLIANT.



0.14 ±0.05
PIN WIDTH
0.15 Y



ISOMETRIC VIEW



17.5	15.6	18.26	503460-8010	80
C	B	A	EMBOSSED TAPE	CKT.
			ORDER No. オーダー番号	
			CONNECTOR SERIES No. : 503460-***19	

REVISED EC NO: J2010-2429 DRWN:TKA IHO CHKD:S. MARUYAMA APPR:MSASAO	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER ± ---		DRAWN BY DATE K. TOYODA 2009/12/02		TITLE 0.4 B-TO-B CONN. HGT=1.5 W=2.6 PLUG ASSY			
		10 OVER 30 UNDER ± ---		CHECKED BY DATE S. MARUYAMA 2009/12/02					
		30 OVER ± ---		APPROVED BY DATE M. SASAO 2009/12/02					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503460-001		1 OF 2	
		A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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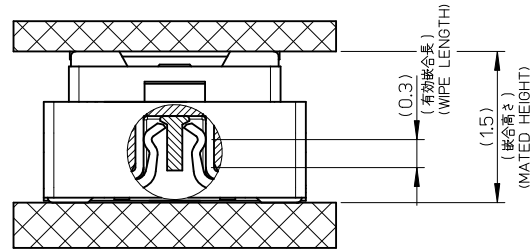
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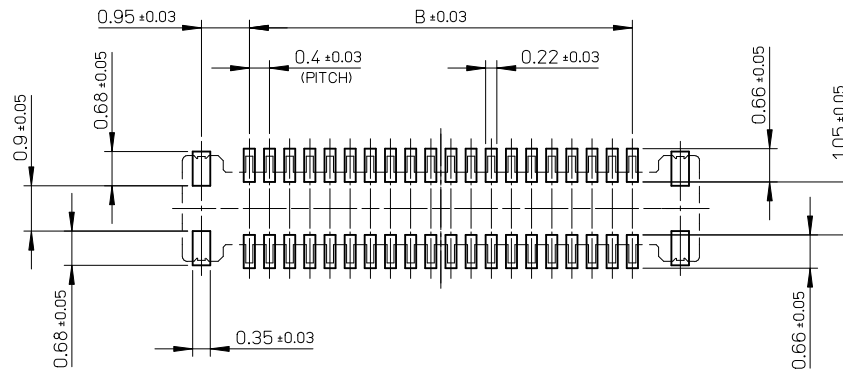
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嵌合断面図 (参考)
MATED DRAWING (REFERENCE)
(SCALE 20:1)



推奨基板寸法 (参考)
P.W. BOARD PATTERN LAYOUT (REFERENCE)

SEE SHEET 1 OF 2 EC NO.: J2010-2429 DRWN:TKA/HO 2010/05/31 CHKD:S.MARUYAMA 2010/06/01 APPR:MSASAO 2010/06/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER ± ---		DRAWN BY DATE K.TOYODA 2009/12/02		TITLE 0.4 B-TO-B CONN. HGT=1.5 W=2.6 PLUG ASSY			
		10 OVER 30 UNDER ± ---		CHECKED BY DATE S.MARUYAMA 2009/12/02					
		30 OVER ± ---		APPROVED BY DATE M.SASAO 2009/12/02		MOLEX INCORPORATED			
		ANGULAR ± --- °		MATERIAL NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-503460-001		2 OF 2		
	A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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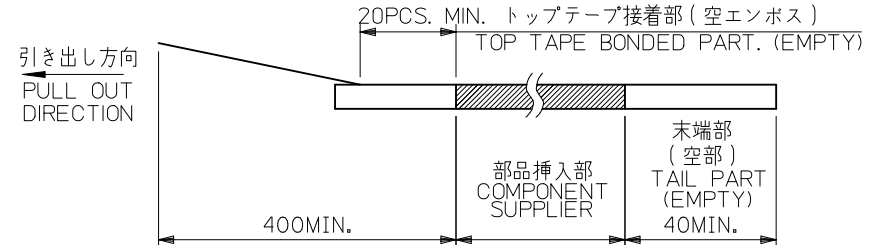
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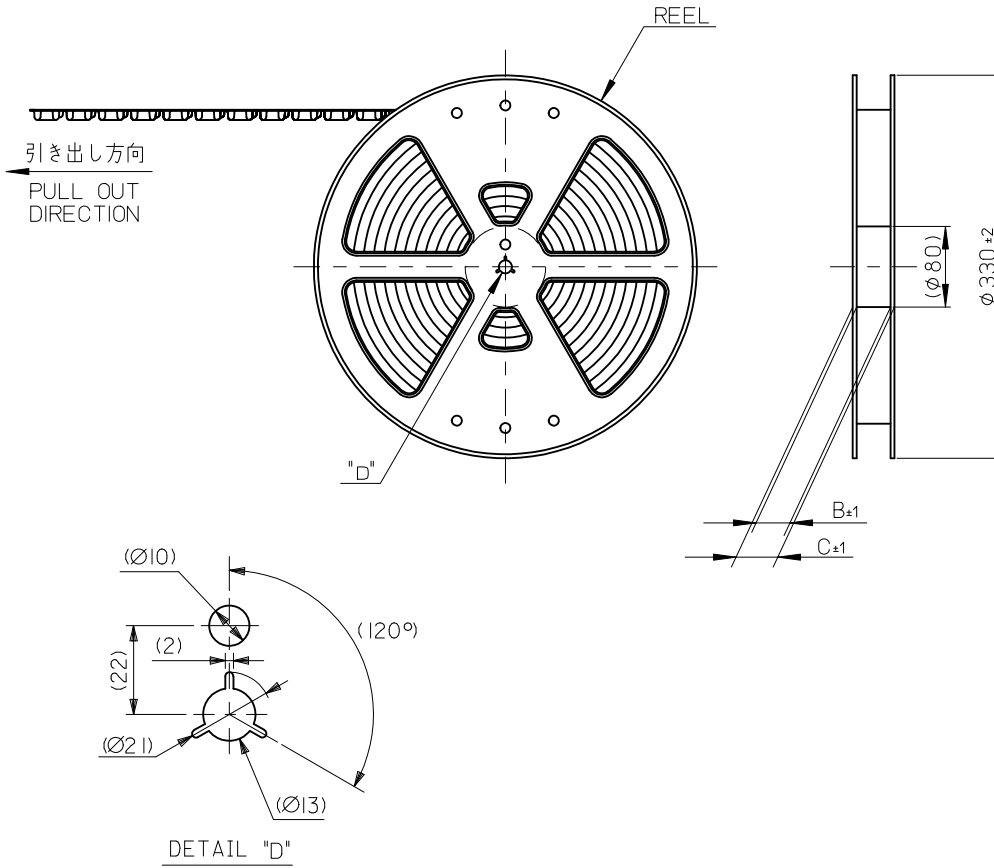
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注記 NOTES

- 製品詳細寸法については製品単体図面を参照下さい。
FOR DETAIL OF CONNECTOR DIMENSIONS,
PLEASE SEE THE DRAWING OF CONNECTOR ITSELF (NOT PACKAGED).
- 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



- 材料 MATERIAL
キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)
トップテープ (TOP TAPE) : PET, OTHER
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



MODEL NO. : 503460-**10

RELEASED EC NO.: J2010-1155 DRAWN: K. TOYODA CHK'D: S. MARUYAMA APPR: M. SASAO	2009/12/08 2009/12/08 2009/12/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER	± ---	DRAWN BY K. TOYODA	DATE 2009/12/02	TITLE 0.4 B-TO-B CONN. HGT=1.5 W=2.6 PLUG ASSY EMBSTP PKG				
			10 OVER 30 UNDER	± ---	CHECKED BY S. MARUYAMA	DATE 2009/12/02					
			30 OVER	± ---	APPROVED BY M. SASAO	DATE 2009/12/02					
			ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503460-002				
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
0	REV		SHEET NO. 1 OF 2								

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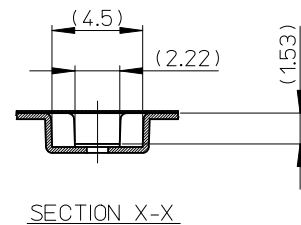
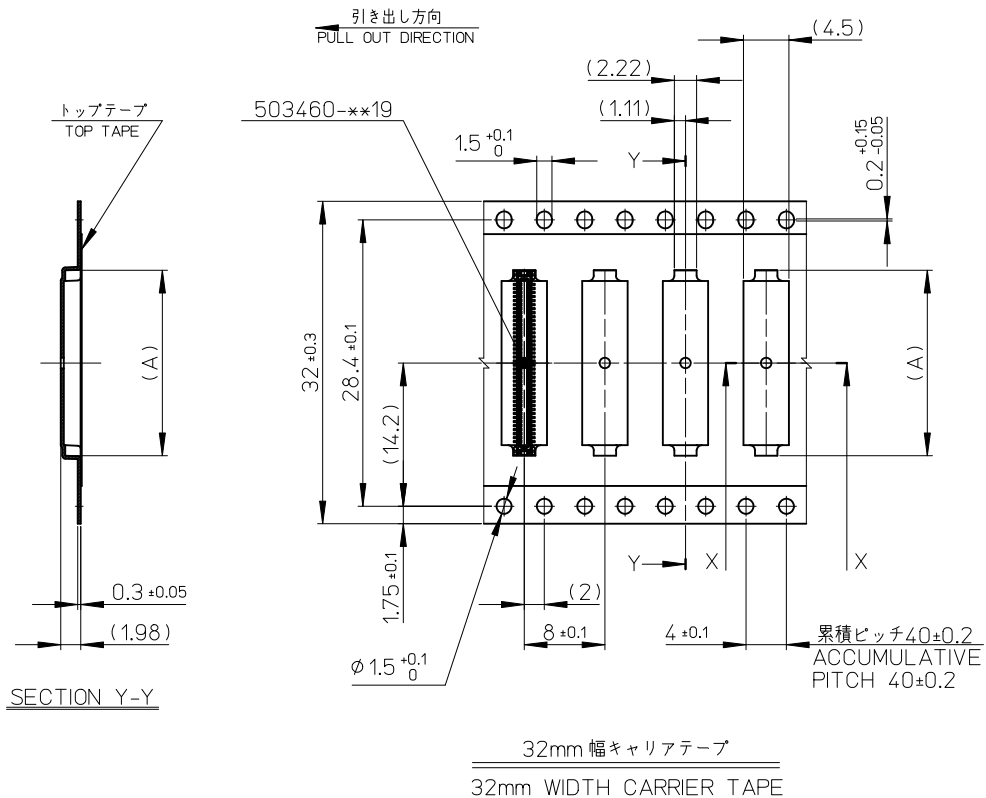
E

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C

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32	37.4	33.4	18.38	503460-8010	80
キャリアテープ幅 CARRIER TAPE WIDTH		C	B	(A)	MATERIAL No.
MODEL No. : 503460-**10					CKT.

SEE SHEET 1 OF 2 EC NO.: J2010-1155 DRWNG:KTOYODA 2009/12/08 CHK'D:S.MARUYAMA 2009/12/08 APPR:MSASAO 2009/12/08 REV 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY K. TOYODA	DATE 2009/12/02	TITLE 0.4 B-TO-B CONN. HGT=1.5 W=2.6 PLUG ASSY EMBSTP PKG				
		10 OVER 30 UNDER	± ---	CHECKED BY S. MARUYAMA	DATE 2009/12/02					
		30 OVER	± ---	APPROVED BY M. SASAO	DATE 2009/12/02	MOLEX INCORPORATED				
		ANGULAR	± --- °	MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503460-002		2 OF 2		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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Электрон
Связь**

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помещение 100-Н Офис 331