

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

Documents:
[3D Model](#) [Product Specification PS-502426-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [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

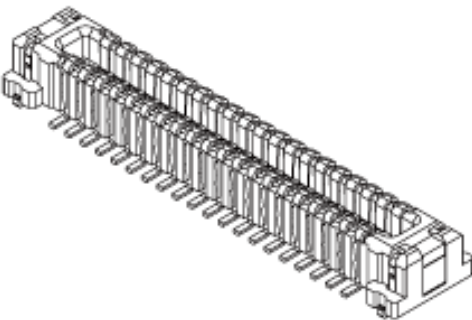


image - Reference only

Series

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

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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

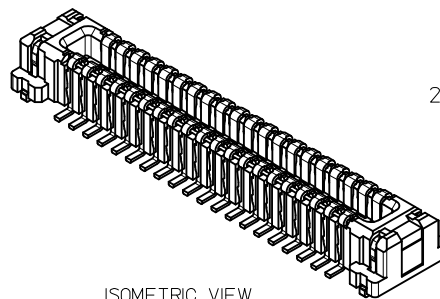
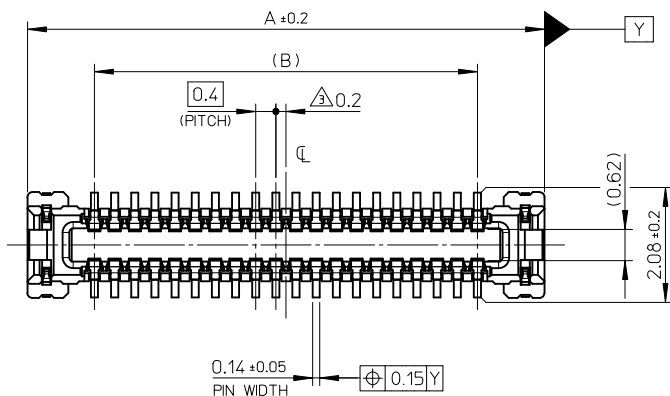
下地メッキ：ニッケルメッキ 1.0 マイクロメートル以上
 UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM

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

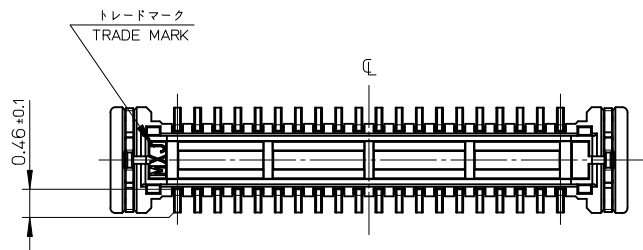
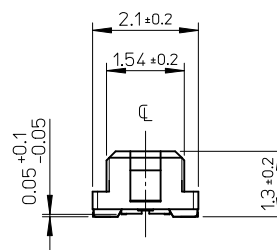
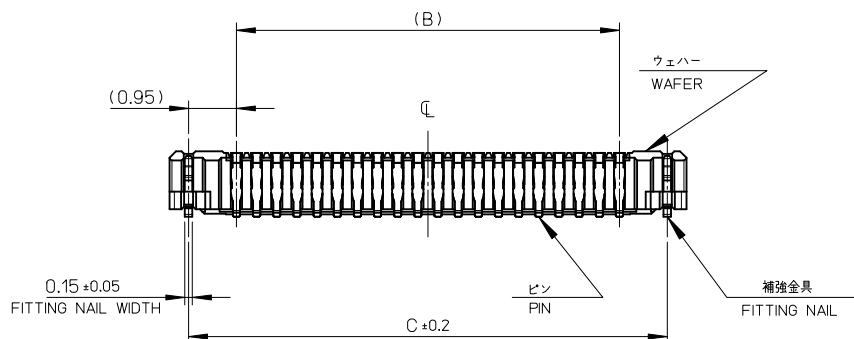
4. 嵌合相手： 502426 シリーズ
 MATE WITH : 502426 SERIES.

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.



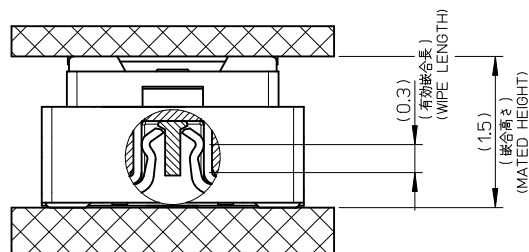
ISOMETRIC VIEW



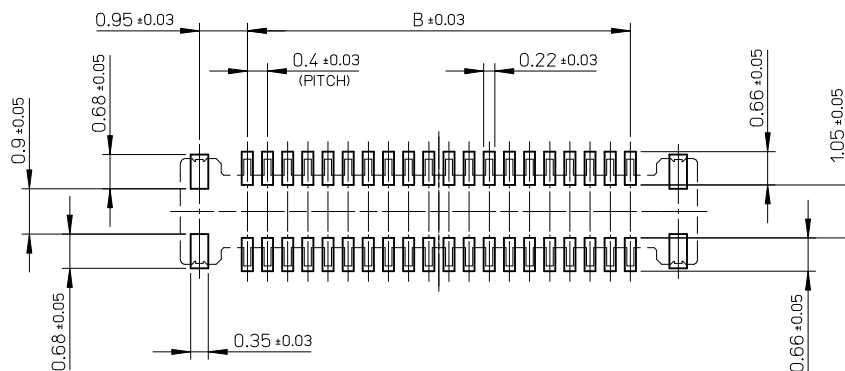
17.5	15.6	18.26	503460-8010	80
C	B	A	EMBOSSED TAPE	CKT.
ORDER No. オーダー番号				
CONNECTOR SERIES No. : 503460-***19				

REVISED EC NO: J2010-2429 DRWN:TKA IHO CHKD:S. MARUYAMA APPR:MSASAO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	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				
		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.						DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503460-001		1 OF 2			
A	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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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 A	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	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				
		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.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-503460-001		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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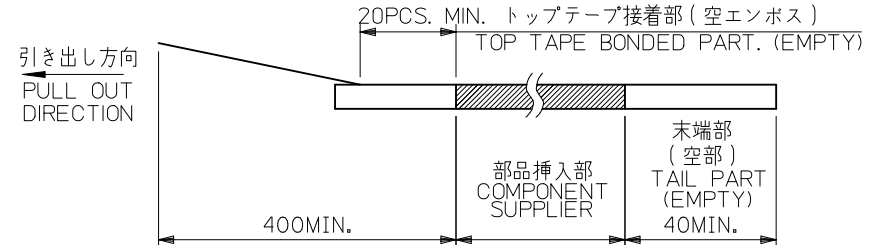
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注記 NOTES

- 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



4. 材料 MATERIAL

キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)

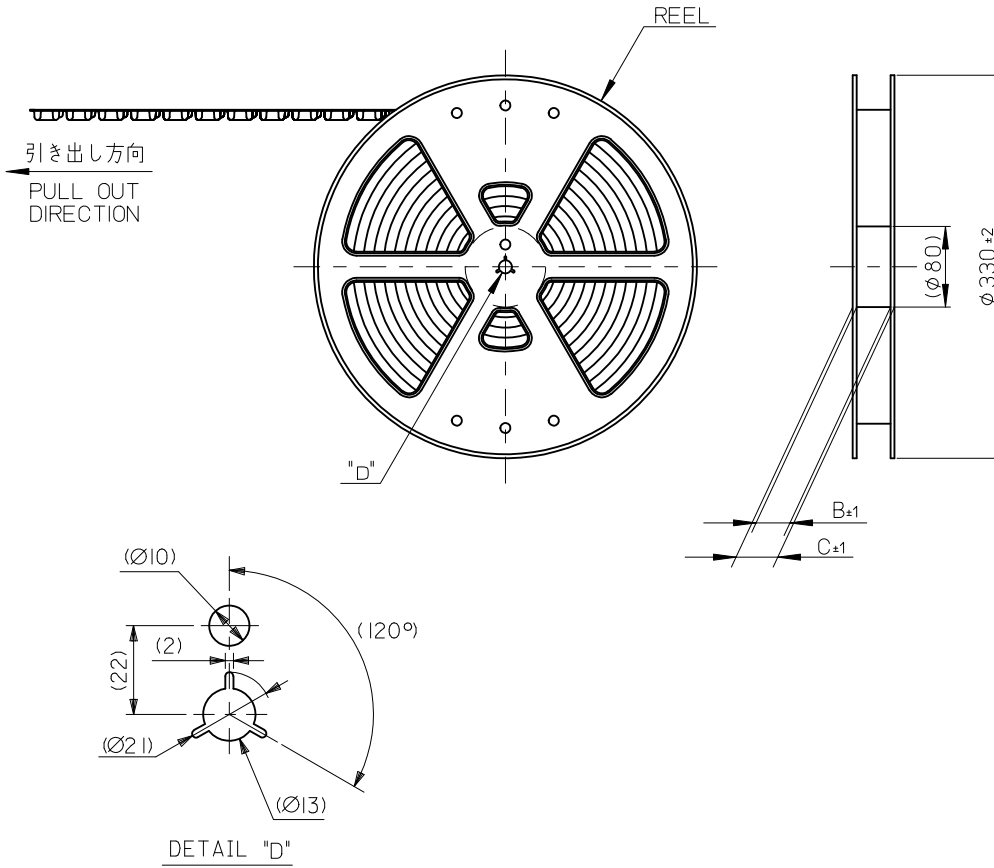
トップテープ (TOP TAPE) : PET, OTHER

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>

5. ELV 及び RoHS 適合品

ELV AND RoHS COMPLIANT



MODEL NO. : 503460-**10

RELEASED EC NO.: J2010-1155 DWG:K TOYODA CHK'D: MARUYAMA APPR: MSASAO	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  MOLEX INCORPORATED				
		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.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503460-002		1 OF 2			
	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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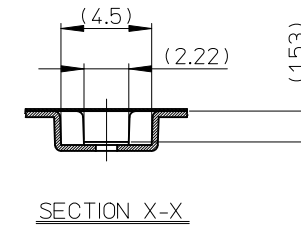
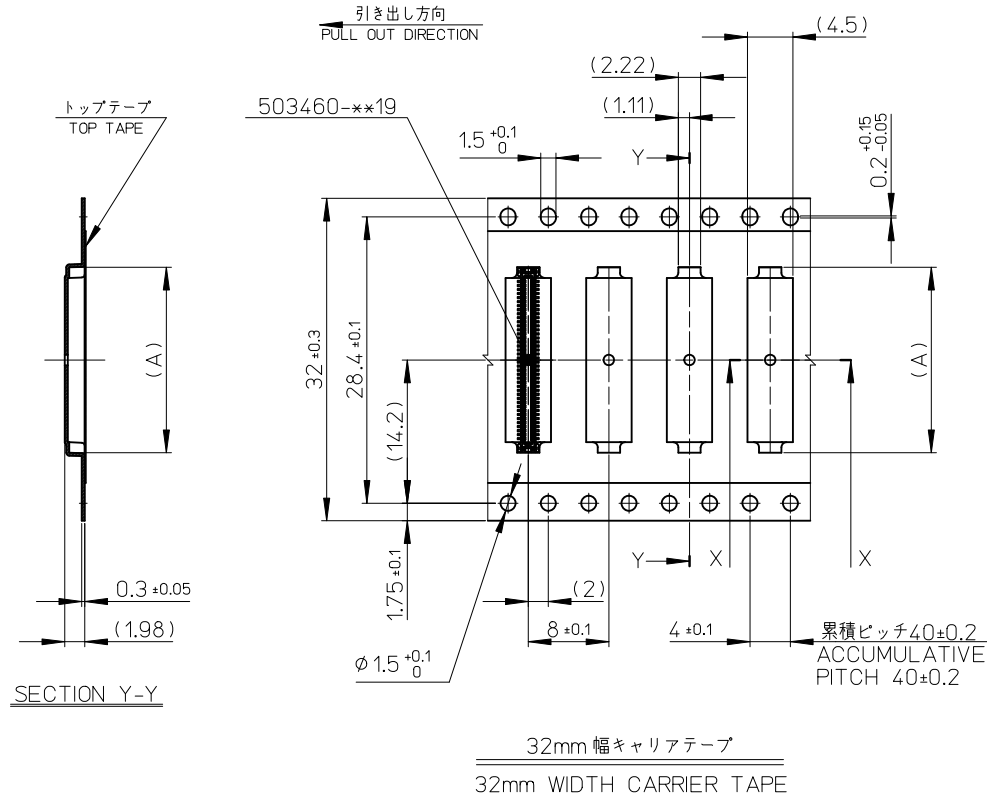
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**Стандарт
Электрон
Связь**

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Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331