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Part Number: 5024264030
Status: Active
Overview: slimstack_mm016_pitch
Description: 0.40mm (.016") Pitch SlimStack™ Board-to-Board Receptacle, SMT, Dual Row, Vertical, 1.00mm (.039") Stacking Height, With Solder Tabs, with Vacuum Tape, 40 Circuits

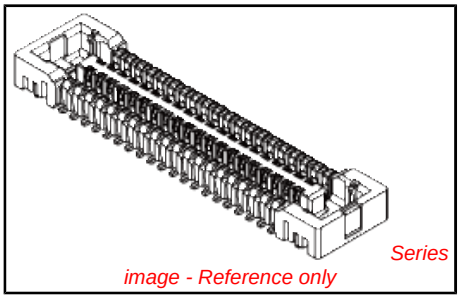

image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-502426-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	502426
Application	Board-to-Board
Overview	slimstack_mm016_pitch
Product Name	SlimStack™

Physical

Circuits (Loaded)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height (in)	0.039 In
Mated Height (mm)	1.00 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	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-502426-001
Product Specification	PS-502426-001, RPS-502426-002, RPS-502426-004, RPS-502426-010, RPS-502426-011, RPS-502426-013, RPS-502426-014, RPS-502426-015, RPS-502426-017, RPS-502426-019
Sales Drawing	SD-502426-003, SD-502426-004

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
502426Series

Mates With
502430 PCB Header

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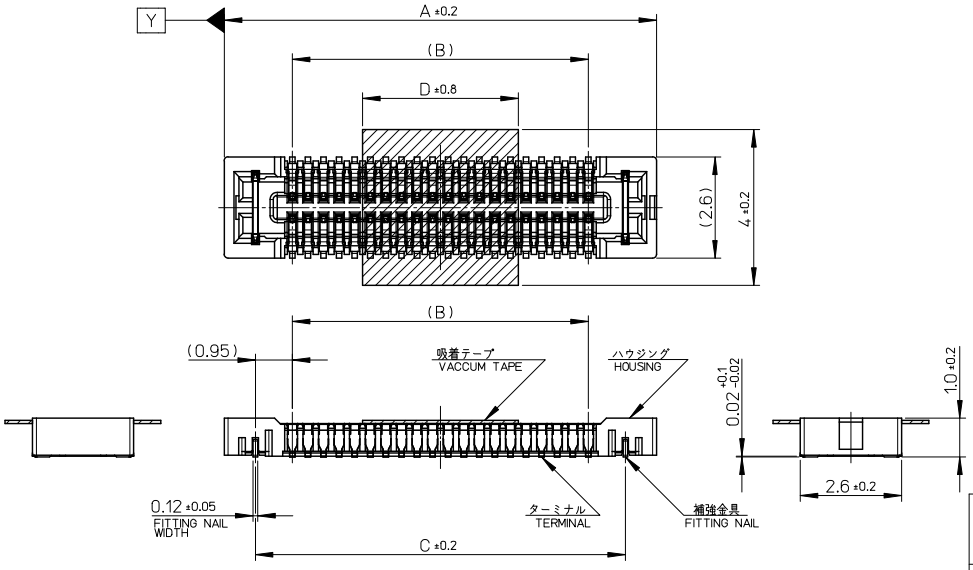

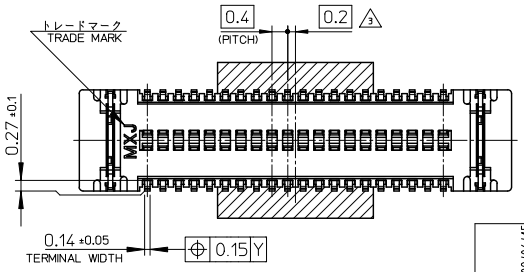

D	C	B	A	EMBOSSED TAPE PACKAGE ORDER No.	CKT.
10.0	19.5	17.6	21.1	502426-9030	90
	17.5	15.6	19.1	502426-8030	80
	15.5	13.6	17.1	502426-7030	70
7.0	13.5	11.6	15.1	502426-6030	60
	11.5	9.6	13.1	502426-5030	50
4.0	9.5	7.6	11.1	502426-4030	40
	7.9	6.0	9.5	502426-3230	32
3.4	6.7	4.8	8.3	502426-2630	26
	6.3	4.4	7.9	502426-2430	24
	5.9	4.0	7.5	502426-2230	22
	5.5	3.6	7.1	502426-2030	20
2.4	4.3	2.4	5.9	502426-1430	14

CONNECTOR SERIES No. : 502426-**39

REVISED
EC NO: J2009-0889
DRWN:YAOYAGI 2009/06/15
CHKD:THARUYAMA 2009/06/15
APPR:NUKITA 2009/06/15
DESCRIPTION
REV C

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 10:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RTAKEUCHI DATE: 2007/12/26
CHECKED BY: MSASAO DATE: 2007/12/26
APPROVED BY: MSASAO DATE: 2007/12/26

TITLE: 0.4 B-TO-B CONN. HGT=1.0 W=2.6 REC ASSY WITH TAPE

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502426-003
SHEET NO.: 1 OF 2

SIZE A3

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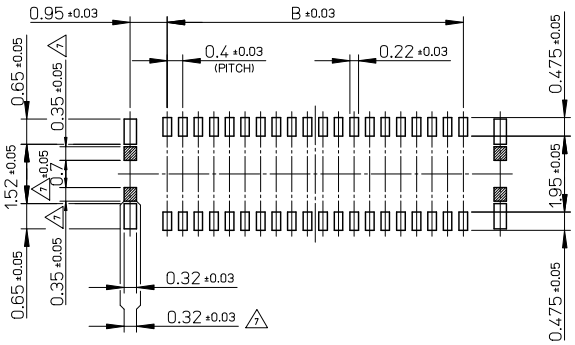

P.C.BOARD PATTERN LAYOUT
(REFERENCE)

注記 NOTES

1. 使用材料 MATERIAL
   ハウジング：液晶ポリマー（ LCP ） ガラス充填 UL94V-0（黒）
   HOUSING:LIQUID CRYSTAL POLYMER(GLASS FILLED) UL94V-0 (COLOR:BLACK)
   ターミナル：りん青銅 (t=0.1)
   TERMINAL : PHOSPHOR BRONZE (t=0.1)
   金具：りん青銅 (t=0.12)
   FITTING NAIL : PHOSPHOR BRONZE (t=0.12)
   吸着テープ：ポリイミド
   VACUUM TAPE : POLYIMIDE
2. メッキ仕様 PLATING
   ターミナル TERMINAL
   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
   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

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

4. 嵌合相手： 502430 シリーズ
   MATE WITH : 502430 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.

△7 斜線部はパターン書込み禁止範囲と半田禁止範囲を示す。
ただし、斜線部に補強金具と同一配線を配置する場合はレジストを施し、この部分に半田は無きこと。
NO PATTERN CIRCUIT AND NO SOLDER ALLOWED IN THE SHADED AREA.
HOWEVER, IF NEEDED TO ADD A TRACE OF THE SAME CIRCUIT, PUT THE SOLDER-RESIST. YET NO SOLDER ALLOWED IN THE AREA.

REV	DESCRIPTION	
C	REVISED EC NO: J2009-0889	2009/06/15
	DRWN:YAOYAGI	2009/06/15
	CHKD:THARUYAMA	2009/06/15
	APPR:NUKITA	2009/06/15

GENERAL TOLERANCES (UNLESS SPECIFIED)
10 UNDER ±---
10 OVER 30 UNDER ±---
30 OVER ±---
ANGULAR ±--- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 10:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: RTAKEUCHI	DATE: 2007/12/26	TITLE: 0.4 B-TO-B CONN. HGT=1.0 W=2.6 REC ASSY WITH TAPE	
CHECKED BY: MSASAO	DATE: 2007/12/26		
APPROVED BY: MSASAO	DATE: 2007/12/26	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE SHEET 1		DOCUMENT NO.: SD-502426-003	SHEET NO.: 2 OF 2

SIZE A3

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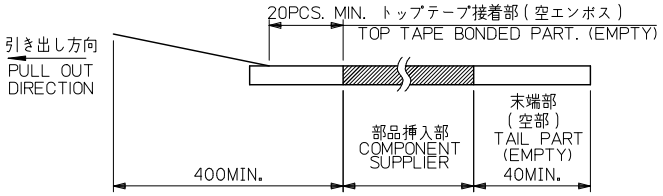
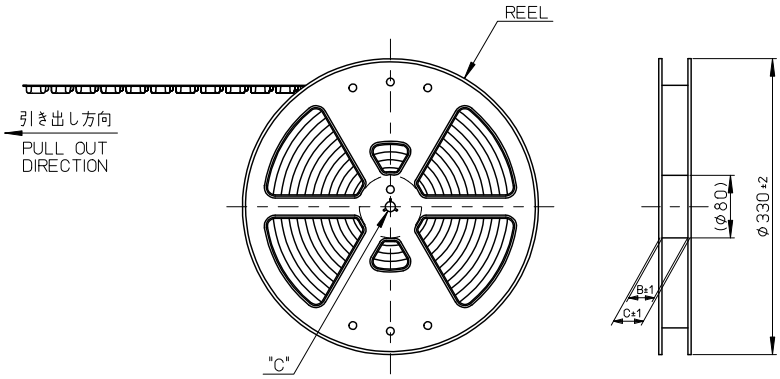
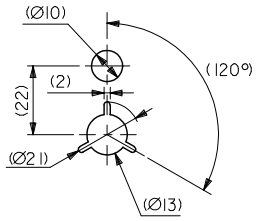
注記 NOTES

1. 製品詳細寸法については製品単体図面を参照下さい。
   RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2. 梱包数量：3000 個／リール
   NUMBER OF CONNECTORS : 3000PCS/REEL
3. 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 , 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>
5. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT





DETAIL "C"

REVISED				REV	DESCRIPTION
EC NO: J2009-0889	DRWN:YAOYAGI	CHKD:THARUYAMA	APPR:NUKITA	C	2009/06/15 2009/06/15 2009/06/15

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: RTAKEUCHI DATE: 2007/12/26			
CHECKED BY: MSASAO DATE: 2007/12/26			
APPROVED BY: MSASAO DATE: 2007/12/26			
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-502426-004		SHEET NO.: 1 OF 4

MODEL NO. 502426-**30

TITLE: 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG

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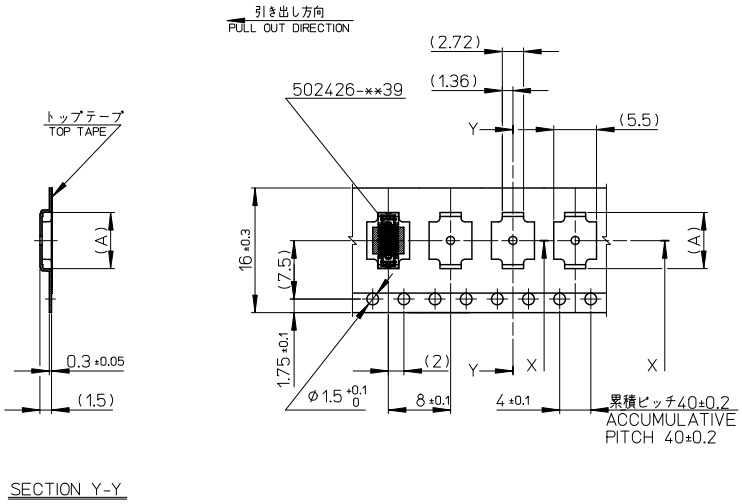

16mm 幅キャリアテープ

16mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.	CKT.
				MODEL No.	502426-**30
16	21.4	17.4	8.42	502426-2630	26
			8.02	502426-2430	24
			7.62	502426-2230	22
			7.22	502426-2030	20
			6.02	502426-1430	14

REVISED
EC NO: J2009-0889
DRWN:YAOYAGI 2009/06/15
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DESCRIPTION
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C

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10 OVER 30 UNDER ±---
30 OVER ±---
ANGULAR ±--- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RTAKEUCHI DATE: 2007/12/26
CHECKED BY: MSASAO DATE: 2007/12/26
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TITLE: 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502426-004
SHEET NO.: 2 OF 4

SIZE: A3

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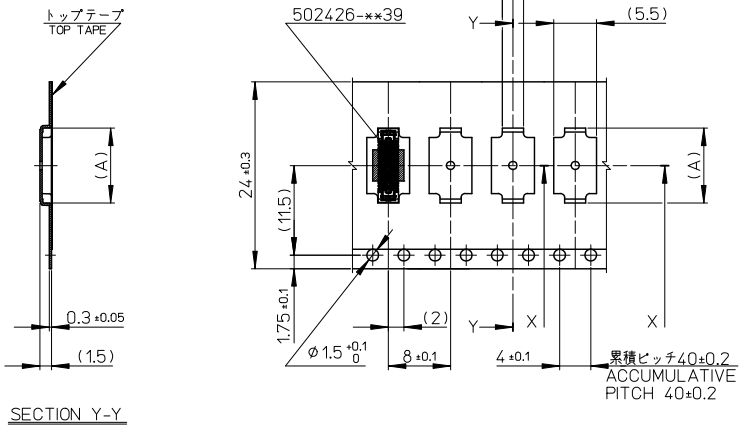

24mm 幅キャリアテープ

24mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.	CKT.
24	29.4	25.4	15.22	502426-6030	60
			13.22	502426-5030	50
			11.22	502426-4030	40
			9.62	502426-3230	32
				MODEL No.	502426-**30

REVISED
EC NO: J2009-0889 2009/06/15
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TITLE: 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502426-004
SHEET NO.: 3 OF 4

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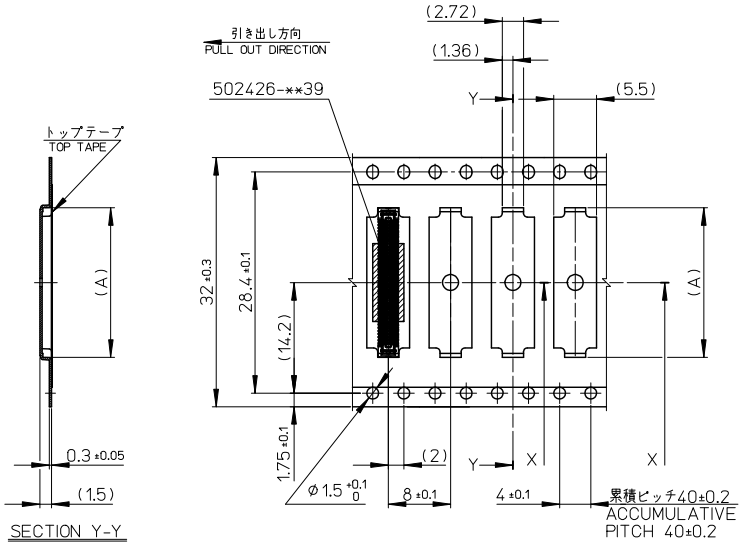

32mm 幅キャリアテープ

32mm WIDTH CARRIER TAPE

32	37.4	33.5	21.22	502426-9030	90
			19.22	502426-8030	80
			17.22	502426-7030	70
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.	CKT.
				MODEL No. 502426-**30	

REVISED
EC NO: J2009-0889 2009/06/15
DRWN:YAOYAGI 2009/06/15
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DESCRIPTION
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GENERAL TOLERANCES (UNLESS SPECIFIED)
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10 OVER 30 UNDER ±---
30 OVER ±---
ANGULAR ±--- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RTAKEUCHI DATE: 2007/12/26
CHECKED BY: MSASAO DATE: 2007/12/26
APPROVED BY: MSASAO DATE: 2007/12/26

TITLE: 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502426-004
SHEET NO.: 4 OF 4

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