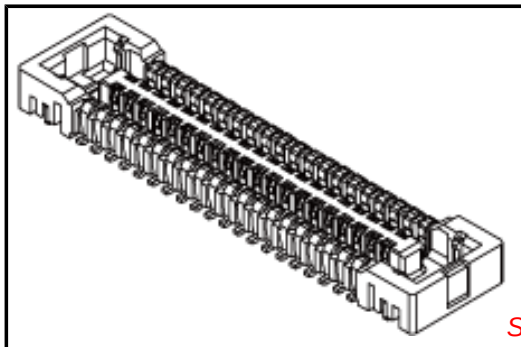
This document was generated on 05/24/2010

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Part Number: 5024261410
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, 14 Circuits



Series 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)	14
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

Application Specification	AS-502426-001
Packaging Specification	SPK-502426-001
Product Specification	PS-502426-001, RPS-502426-001, RPS-502426-009, RPS-502426-011, RPS-502426-013, RPS-502426-014, RPS-502426-017, RPS-502426-019, RPS-502426-024
Sales Drawing	SD-502426-001, SD-502426-002

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

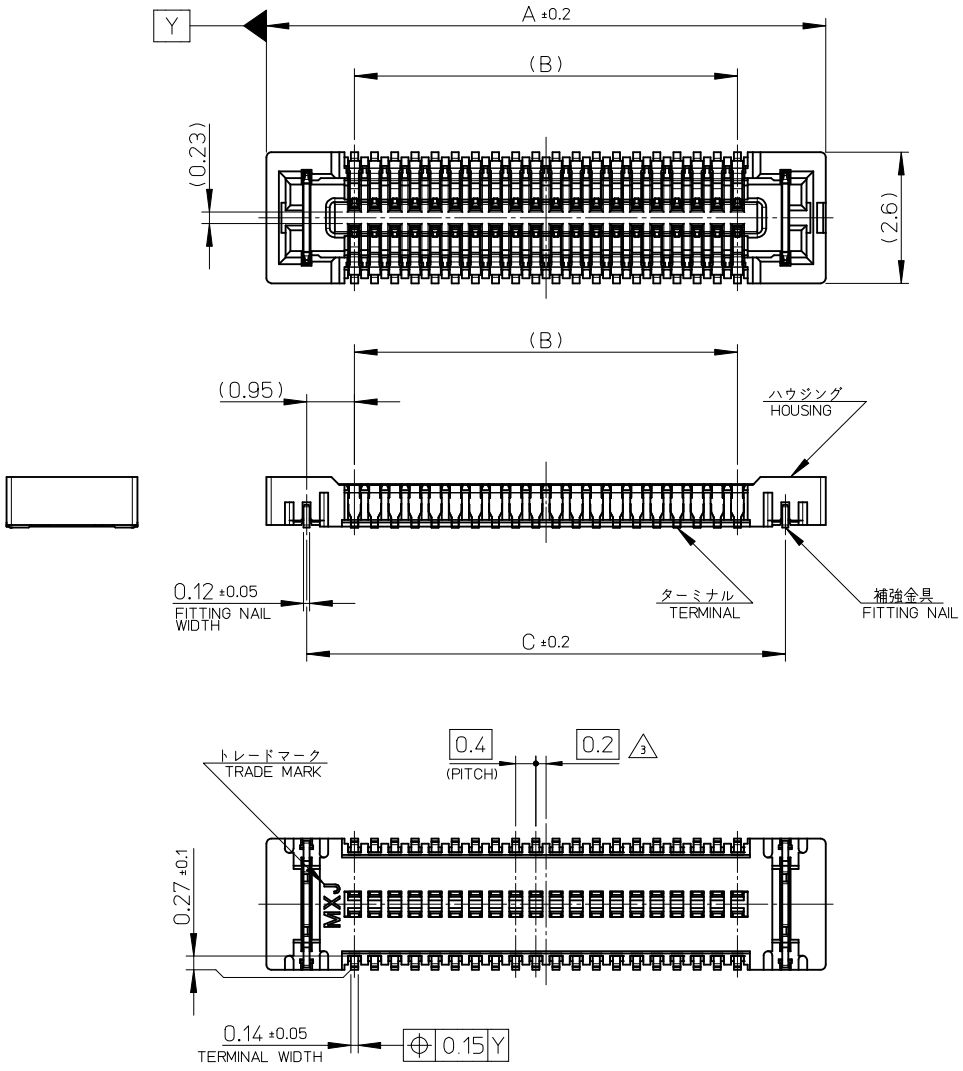
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
502426Series

Mates With
502430 PCB Header

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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



C	B	A	EMBOSSED PACKAGE / オーダー番号 ORDER No.	極数 CIRCUITS
17.5	15.6	19.1	502426-8010	80
14.3	12.4	15.9	502426-6410	64
13.5	11.6	15.1	502426-6010	60
11.5	9.6	13.1	502426-5010	50
10.3	8.4	11.9	502426-4410	44
9.5	7.6	11.1	502426-4010	40
8.3	6.4	9.9	502426-3410	34
7.9	6.0	9.5	502426-3210	32
7.5	5.6	9.1	502426-3010	30
6.7	4.8	8.3	502426-2610	26
6.3	4.4	7.9	502426-2410	24
5.9	4.0	7.5	502426-2210	22
5.5	3.6	7.1	502426-2010	20
4.3	2.4	5.9	502426-1410	14

CONNECTOR SERIES No. 502426-**19

REVISED
EC NO: J2010-0990 2009/11/09
DRWN:TSUZUKI01 2009/11/09
CH'KD:THIRATA 2009/11/10
APPR:MSASAO
DESCRIPTION
REV
H

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: 2007/10/03
CHECKED BY: MSASAO DATE: 2007/10/03
APPROVED BY: MSASAO DATE: 2007/10/03
MATERIAL NO.: SEE TABLE

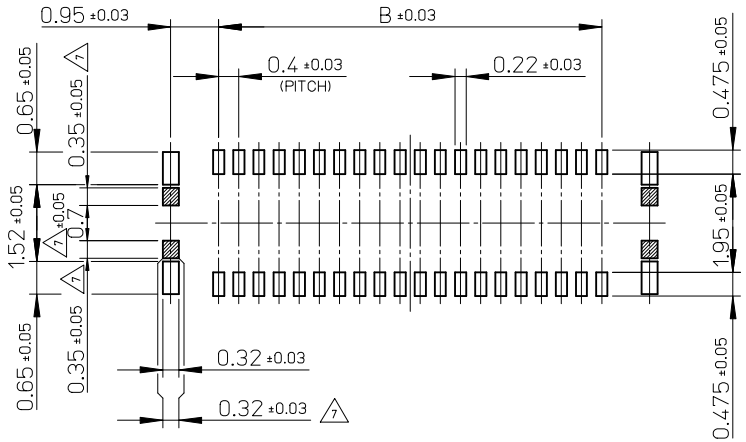
TITLE: 0.4 B-TO-B CONN. HGT=1.0 W=2.6 REC ASSY

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-502426-001
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)

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	
H	REVISED EC NO: J2010-0990	2009/11/09
	DRWN:TSUZUKI01	2009/11/09
	CH'KD:THIRATA	2009/11/10
	APPR:MSASA0	

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

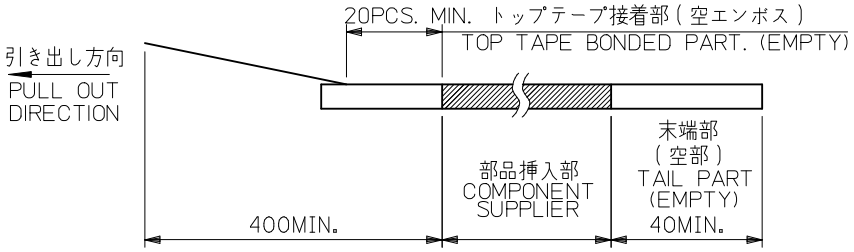
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	10:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	RTAKEUCHI
DATE	2007/10/03
CHECKED BY	MSASA0
DATE	2007/10/03
APPROVED BY	MSASA0
DATE	2007/10/03
MATERIAL NO.	SEE SHEET 1
TITLE	0.4 B-TO-B CONN. HGT=1.0 W=2.6 REC ASSY
	MOLEX INCORPORATED
DOCUMENT NO.	SD-502426-001
SHEET NO.	2 OF 2
SIZE	A3

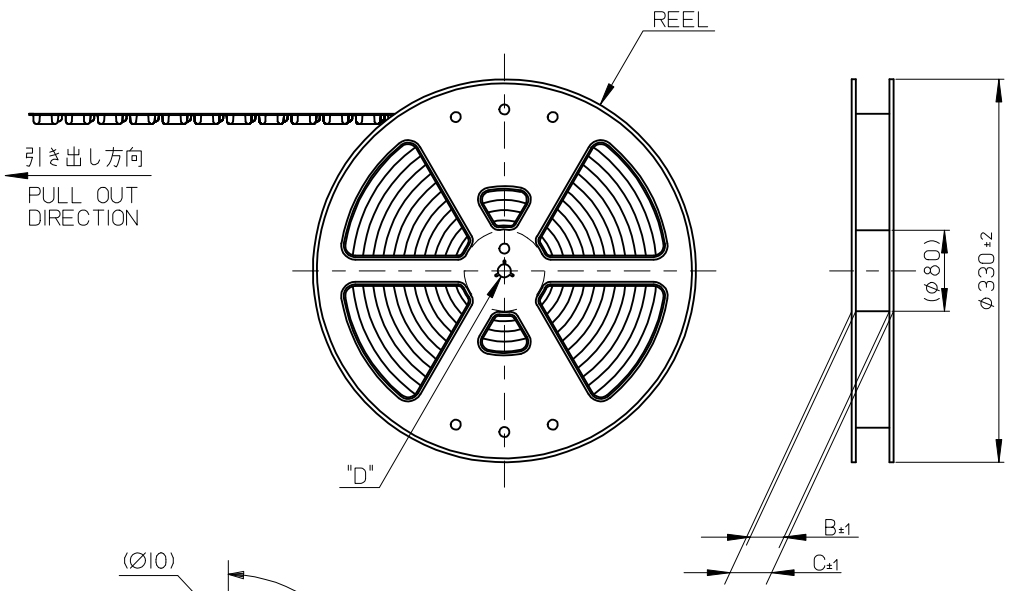
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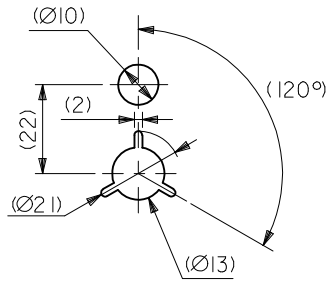
注記 NOTES

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 , 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





DETAIL "D"

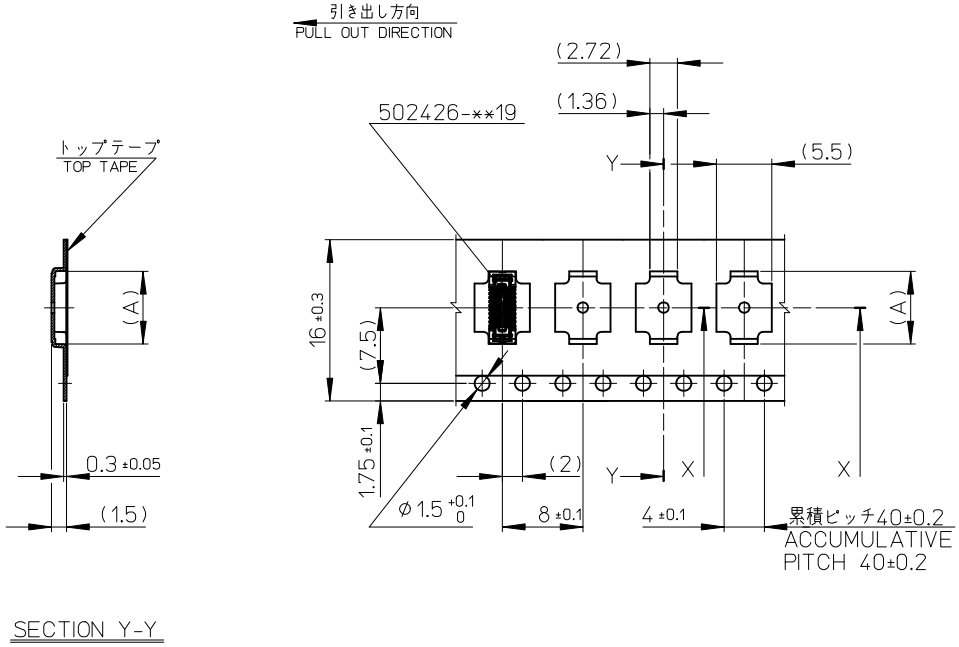
MODEL NO.	502426-**10		
DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: RTAKEUCHI DATE: 2007/10/03	TITLE: 0.4 B-TO-B CONN. HGT=1.0 REC ASSY EMBSTP PKG		
CHECKED BY: MSASAO DATE: 2007/10/03			
APPROVED BY: MSASAO DATE: 2007/10/03	MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-502426-002	SHEET NO.: 1 OF 4	
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV	DESCRIPTION	
H	REVISED EC NO: J2010-0990	2009/11/09
	DRWN:TSUZUKI01	2009/11/09
	CH'KD:THIRATA	2009/11/10
	APPR:MSASAO	



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-**10
16	21.4	17.4	8.42	502426-2610	26
			8.02	502426-2410	24
			7.62	502426-2210	22
			7.22	502426-2010	20
			6.02	502426-1410	14

REVISED
EC NO: J2010-0990 2009/11/09
DRWN:TSUZUKI01 2009/11/09
CH'KD:THIRATA 2009/11/10
APPR:MSASA0
DESCRIPTION
REV
H

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

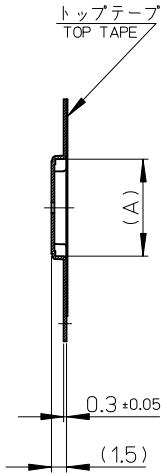
DRAWN BY: RTAKEUCHI DATE: 2007/10/03
CHECKED BY: MSASA0 DATE: 2007/10/03
APPROVED BY: MSASA0 DATE: 2007/10/03

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

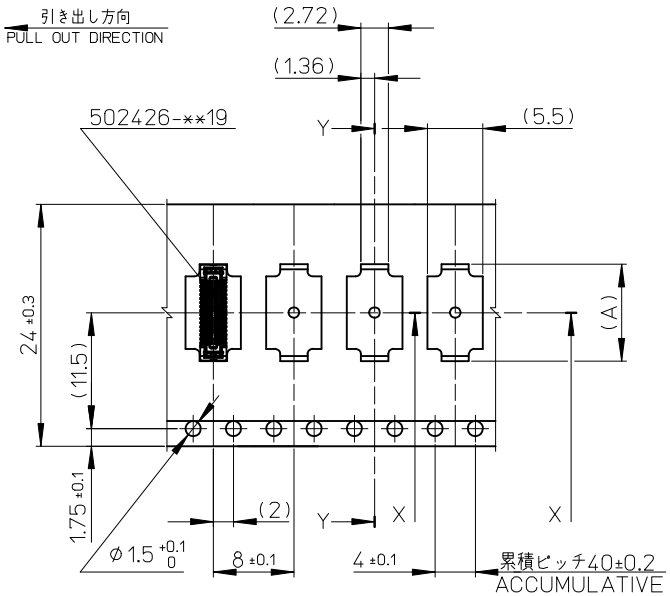
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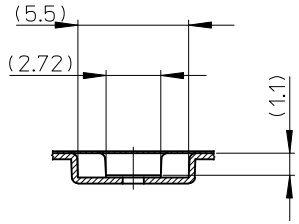
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502426-002
SHEET NO.: 2 OF 4
SIZE: A3

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SECTION Y-Y





SECTION X-X

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.
				MODEL No.	502426-**10
24	29.4	25.4	16.02	502426-6410	64
			15.22	502426-6010	60
			13.22	502426-5010	50
			12.02	502426-4410	44
			11.22	502426-4010	40
			10.02	502426-3410	34
			9.62	502426-3210	32
			9.22	502426-3010	30

REVISED
EC NO: J2010-0990 2009/11/09
DRWN:TSUZUKI01 2009/11/09
CH'KD:THIRATA 2009/11/10
APPR:MSASA0
DESCRIPTION
REV
H

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

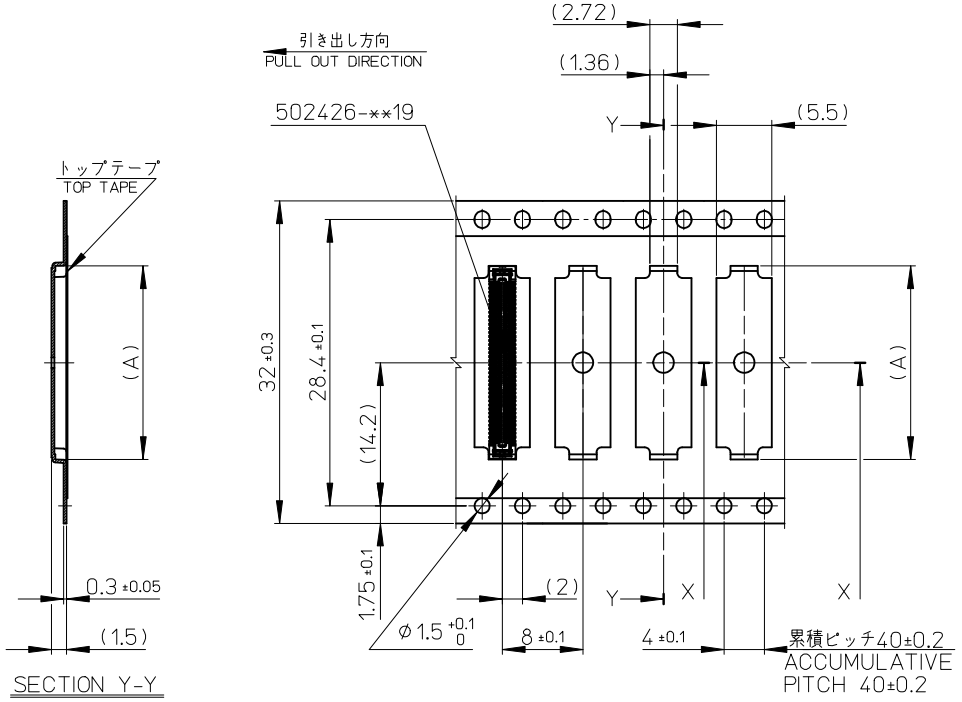
DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	RTAKEUCHI
DATE	2007/10/03
CHECKED BY	MSASA0
DATE	2007/10/03
APPROVED BY	MSASA0
DATE	2007/10/03
MATERIAL NO.	SEE TABLE
DOCUMENT NO.	SD-502426-002
SHEET NO.	3 OF 4
SIZE	A3

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

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32mm 幅キャリアテープ

32mm WIDTH CARRIER TAPE

32	37.4	33.4	19.22	502426-8010	80
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.	CKT.
				MODEL No.	502426-**10

REVISED
EC NO: J2010-0990 2009/11/09
DRWN:TSUZUKI01 2009/11/09
CH'KD:THIRATA 2009/11/10
APPR:MSASA0 2009/11/10
DESCRIPTION
REV
H

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: 2007/10/03
CHECKED BY: MSASA0 DATE: 2007/10/03
APPROVED BY: MSASA0 DATE: 2007/10/03

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

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502426-002
SHEET NO.: 4 OF 4

SIZE A3

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