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Part Number:

0527461271

Status:

Active

Overview:

Description:

0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 12 Circuits, Lead-free, Gold Contact Plating, High Barrier Packaging

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

FFC/FPC Connectors

Series

52746

Overview

ffc_fpc_smt

Product Name

N/A

Physical

Circuits (Loaded)

12

Contact Position

Bottom

Durability (mating cycles max)

20

Entry Angle

90° Angle

Flammability

94V-0

Mated Height (in)

0.079 In

Mated Height (mm)

2.00 mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Gold

Number of Rows

1

Orientation

Right Angle

PCB Locator

No

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface (in)

0.020 In

Pitch - Mating Interface (mm)

0.50 mm

Polarized to PCB

Yes

Stackable

No

Temperature Range - Operating

-20°C to +85°C

Termination Interface: Style

Surface Mount

Wire/Cable Type

FFC/FPC

Electrical

Current - Maximum per Contact

0.5A

Voltage - Maximum

50V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52746-001, SPK-52746-002

Product Specification

PS-52746-015, RPS-52746-017, RPS-52746-038, RPS-52746-041, RPS-52746-044, RPS-52746-045, RPS-52746-050, RPS-52746-051, RPS-52746-053, RPS-52746-054, RPS-52746-056, RPS-52746-057, RPS-52746-060, RPS-52746-062

Sales Drawing

SD-52746-024, SD-52746-025

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

China RoHS



Not Reviewed

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

52746Series

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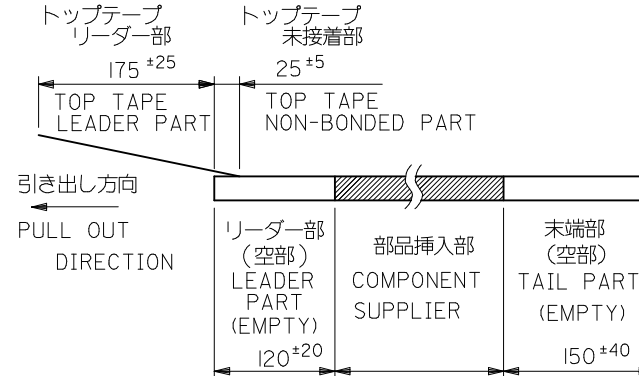
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

注記 NOTES

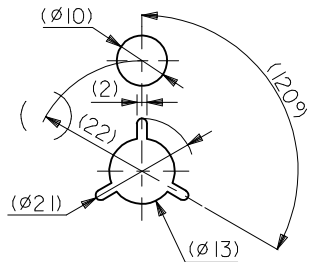
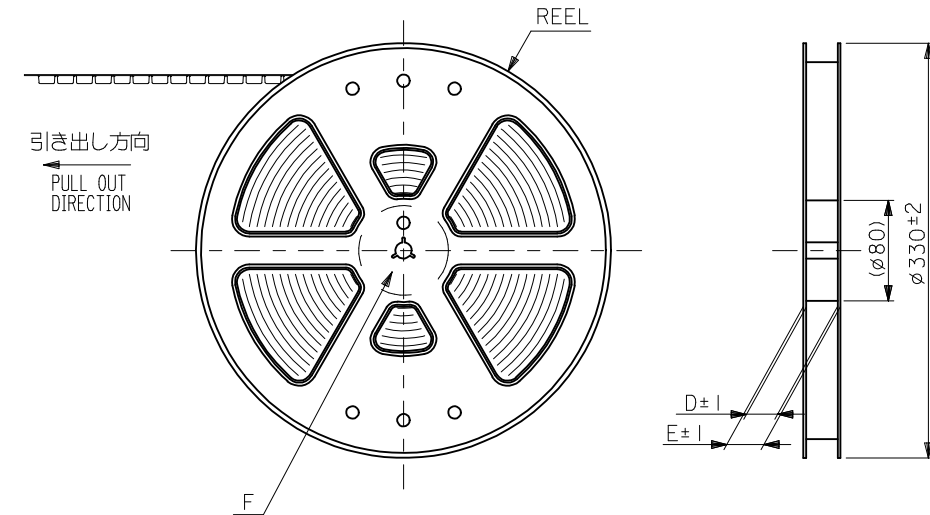
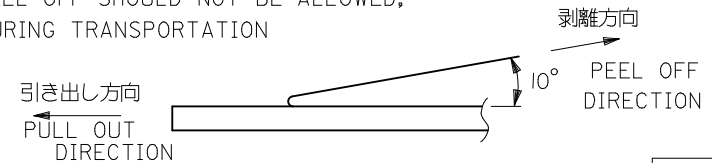
1. 製品番号 52746-***39 の梱包状態はアクチュエータがロックした状態とする。
 詳細寸法については図面 SD-52746-025 を参照下さい。
 IN THE PACKAGE,ACTUATOR OF PART NO.52746-***39 SHOULD BE LOCKED
 RE DETAILED DIMENSIONS,SEE SD-52746-025

2. 梱包数量：1000個/リール
 NUMBER OF CONNECTORS:1000PCS/REEL

3. リードテープ長さ LEAD TAPE LENGTH



4. トップテープの剥離強度：(剥離方向は下図参照)
 0.1N~1.3N{10gf~130gf} 尚、本規格値は、出荷時に適用。
 (但し、輸送時に剥離が発生しない事。)
 PEELING OFF FORCE OF TOP TAPE
 0.1N~1.3N{10gf~130gf}(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
 THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
 PEEL OFF SHOULD NOT BE ALLOWED,
 DURING TRANSPORTATION



DETAIL F

5. 材料 キャリアテープ:ポリプロピレン (PP)
 トップテープ:PET, PE, PEF
 リール:ポリスチレン (PS) <リサイクル材を含む>

MATERIAL CARRIER TAPE:POLYPROPYLENE
 TOP TAPE:PET,PE,PEF
 REEL:POLYSTYRENE(PS)
 <RECYCLE MATERIAL CONTAINED>

6. 本製品は 52746-***81 の鉛フリー品です
 THIS PRODUCT IS LEAD FREE OF 52746-***81

7. 本製品は乾燥剤入り、ハイバリア梱包仕様である。
 THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

REVISED	EC NO: J2009-2061 2009/05/20 DRWN:TKON CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER	± 0.2	DRAWN BY HSHIMABUKURO	DATE '04/01/30	TITLE 0.5 FPC CONN ZIF SMT RA B/CONT EMBSTP PKG -LEAD FREE-				
			10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/01/30					
			30 OVER	± 0.3	APPROVED BY MSASAO	DATE '04/01/30	MOLEX INCORPORATED				
			ANGULAR ±3 °		MATERIAL NO. SEE SHEET 2,3		DOCUMENT NO. SD-52746-024				SHEET NO. 1 OF 3
H	REV		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					

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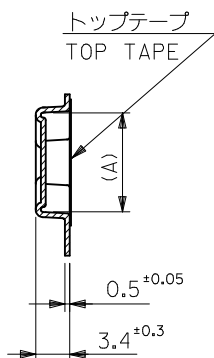
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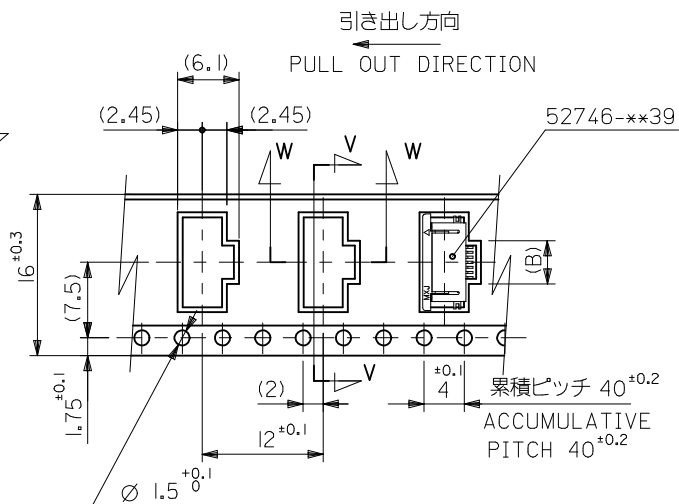
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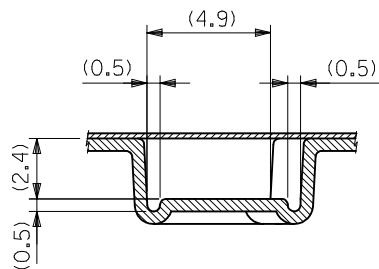
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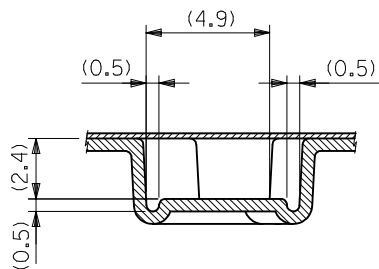
SECT.V-V



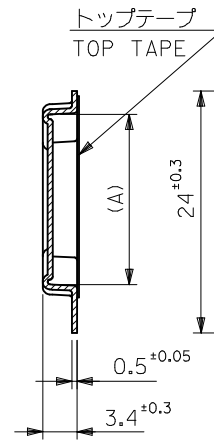
16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE



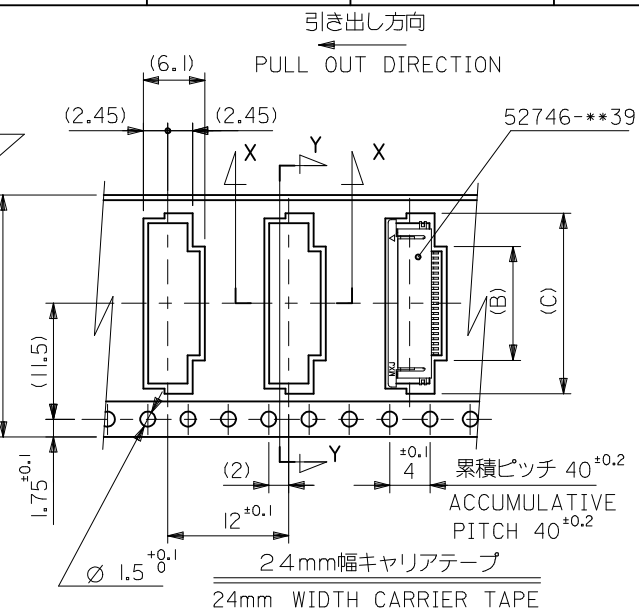
SECT. W-W



SECT. X-X



SECT.Y-Y



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	24.4	11.8	17.4	52746-2271	22
			17.9	11.3	16.9	52746-2171	21
			17.4	10.8	16.4	52746-2071	20
			16.9	10.3	15.9	52746-1971	19
			16.4	9.8	15.4	52746-1871	18
			15.9	9.3	14.9	52746-1771	17
			15.4	8.8	14.4	52746-1671	16
			14.9	8.3	13.9	52746-1571	15
			14.4	7.8	13.4	52746-1471	14
			13.9	7.3	12.9	52746-1371	13
			13.4	6.8	12.4	52746-1271	12
			12.9	6.3	11.9	52746-1171	11
			12.4	5.8	11.4	52746-1071	10
			11.9	5.3	10.9	52746-0971	9
			11.4	4.8	10.4	52746-0871	8
			10.9	4.3	9.9	52746-0771	7
			10.4	3.8	9.4	52746-0671	6
			9.4	2.8	8.4	52746-0471	4
16	21.4	17.4	9.4	2.8	8.4	52746-0471	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUITS

MODEL No.52746-***71

REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKN CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY HSHIMABUKURO	DATE '04/01/30	TITLE 0.5 FPC CONN ZIF SMT RA B/CONT EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY KTOJO	DATE '04/01/30				
		30 OVER	±0.3	APPROVED BY MSASAO	DATE '04/01/30				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52746-024		2 OF 3		
1	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10 9 8 7 6 5 4 3 2 1

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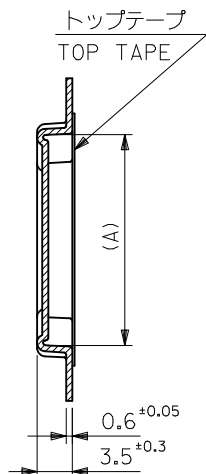
E

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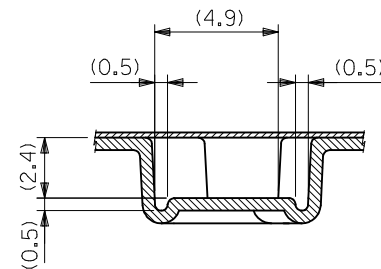
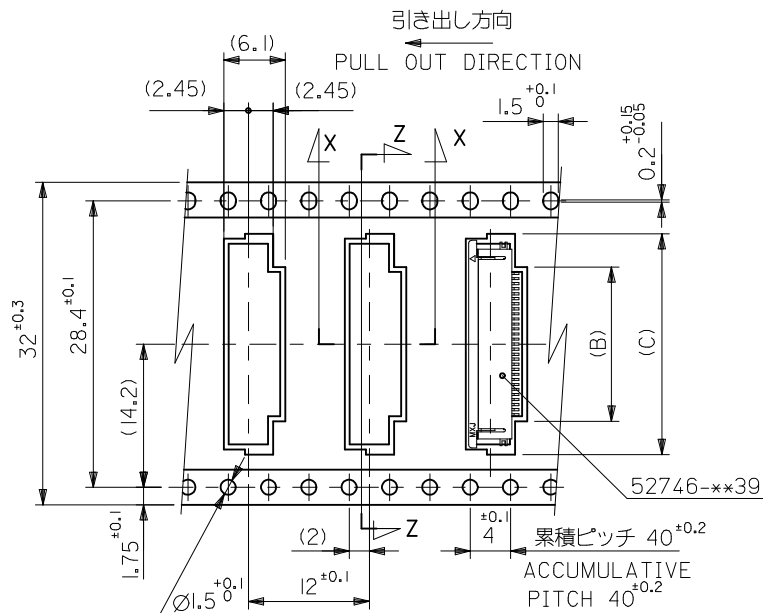
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SECT.Z-Z



SECT.X-X

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	22.4	15.8	21.4	52746-3071	30
			21.4	14.8	20.4	52746-2871	28
			20.9	14.3	19.9	52746-2771	27
			19.9	13.3	18.9	52746-2571	25
			19.4	12.8	18.4	52746-2471	24
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

MODEL No.52746-**71

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY HSHIMABUKURO	DATE '04/01/30	TITLE 0.5 FPC CONN ZIF SMT RA B/CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/01/30					
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE '04/01/30	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52746-024		3 OF 3		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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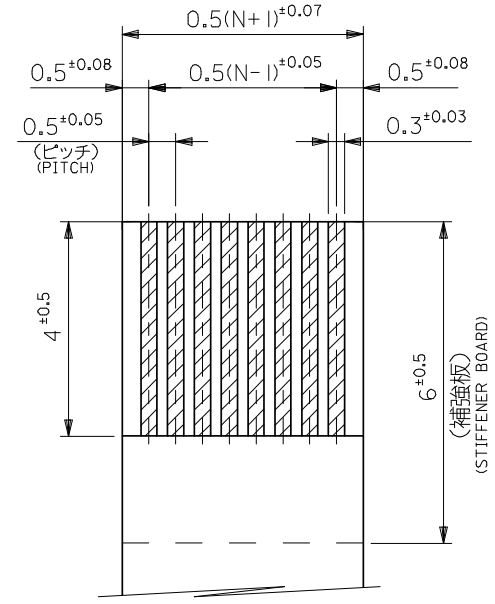
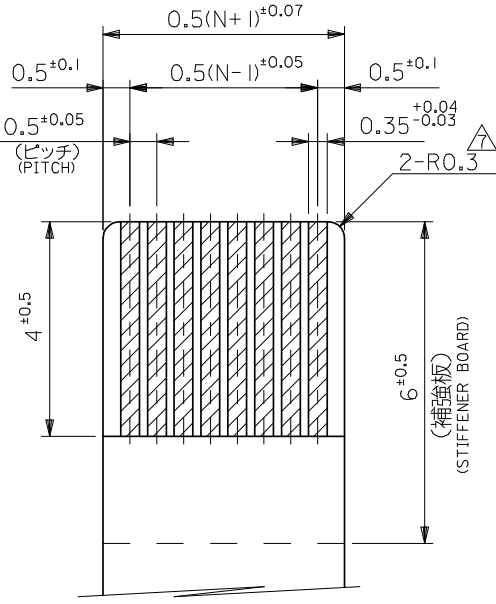
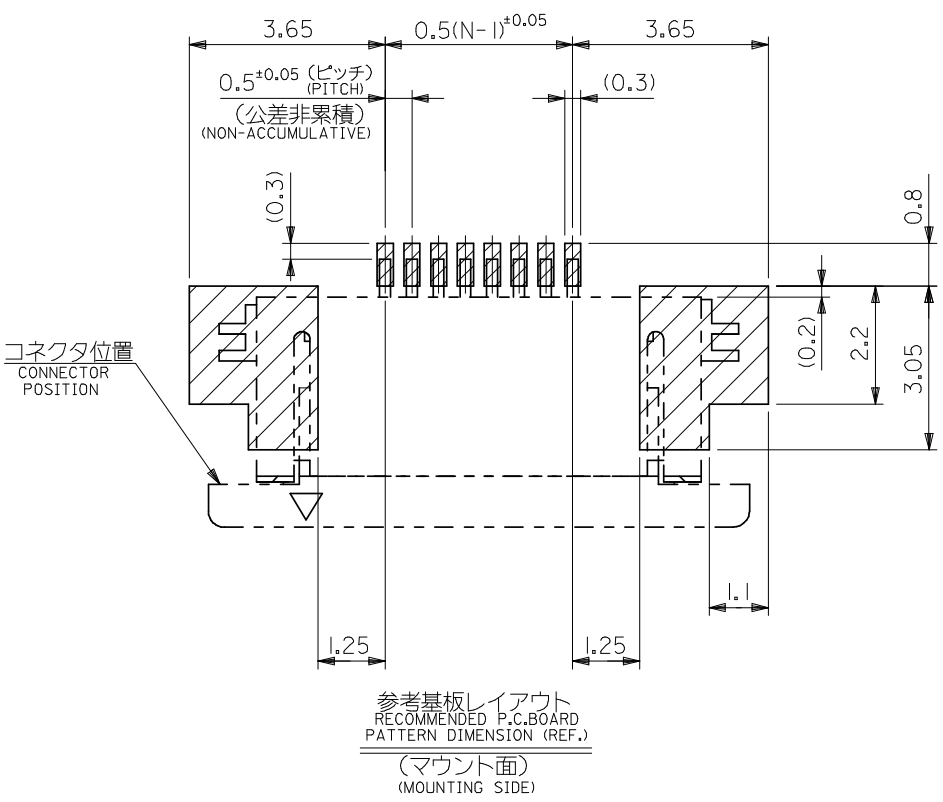
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適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)

適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)

FPCについて:
打抜き方向は導体側から補強板を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。
ABOUT FPC:
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

注記 NOTES

△ R0.3は、FPCの導体側にかからないこと。
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

REVISED EC NO: J2008-4308 DRWN:WABEI CHKD:THARUYAMA APPR:NUKITA H	DESCRIPTION 2008/06/27 2008/06/30 2008/06/30 REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		MODEL NO.	
		10 UNDER ±0.2		DRAWN BY DATE HSHIMABUKURO '04/01/30		TITLE 0.5 FPC CONN ZIF FOR SMT R/A (BOTTOM CONTACT) -LEAD FREE-				
		10 OVER 30 UNDER ±0.25		CHECKED BY DATE KTOJO '04/01/30						
		30 OVER ±0.3		APPROVED BY DATE MSASAO '04/01/30		 MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO. SEE TABLE						DOCUMENT NO. SD-52746-025
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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