

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0527461471](#)
Status: **Active**
Overview:
Description: 0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 14 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) 14
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-52746-050,
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

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

[52746Series](#)

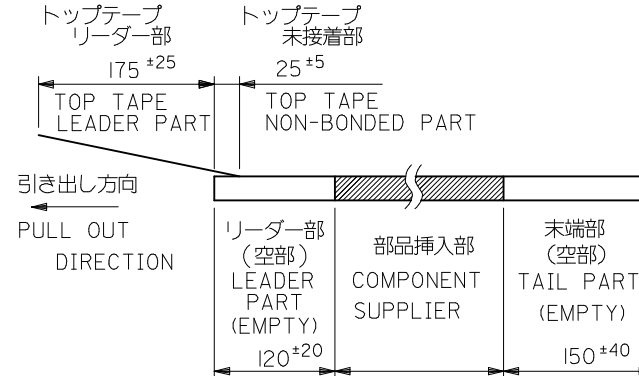
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注記 NOTES

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。)

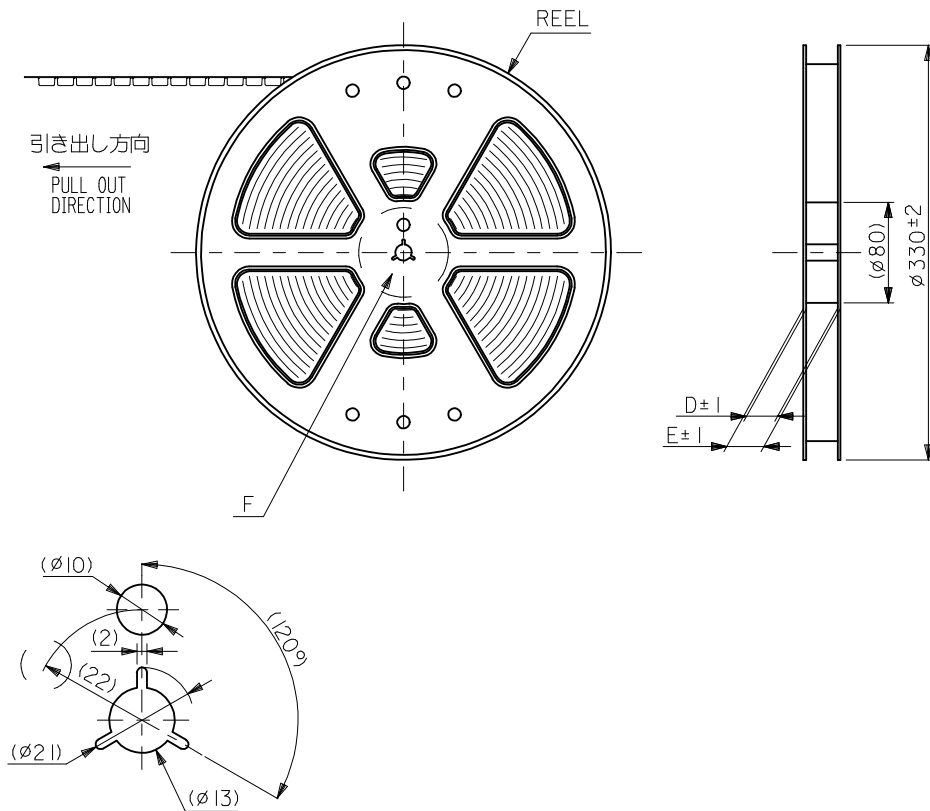
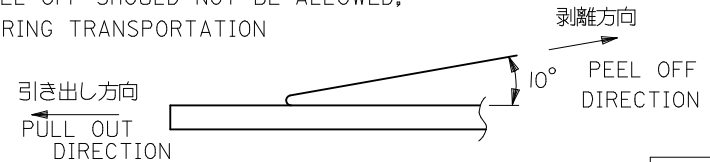
PEELING OFF FORCE OF TOP TAPE

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.

MODEL No.52746-***71

REVISED	EC NO: J2009-2061 DRWN:TKON CHKD:HMTSUMOTO APPR:NUKITA	2009/05/20 2009/05/21 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-		MOLEX	MOLEX INCORPORATED
				10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/01/30				
				30 OVER	± 0.3	APPROVED BY MSASAO	DATE '04/01/30	DOCUMENT NO. SD-52746-024		SHEET NO. 1 OF 3	
				ANGULAR ±3 °		MATERIAL NO. SEE SHEET 2.3					
				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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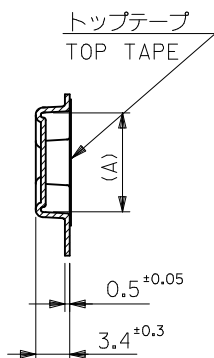
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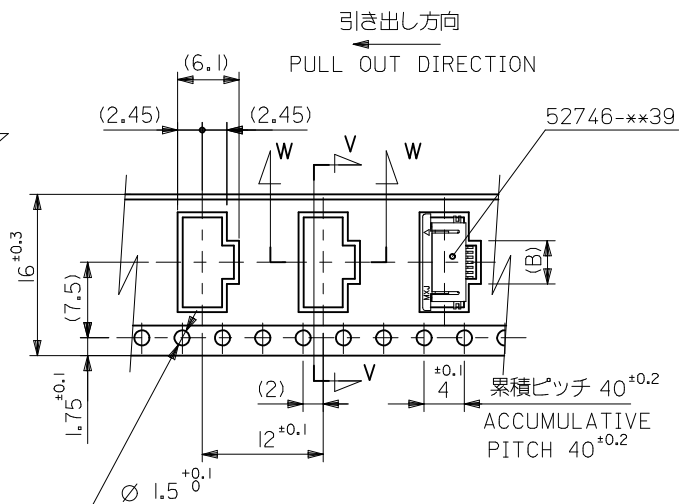
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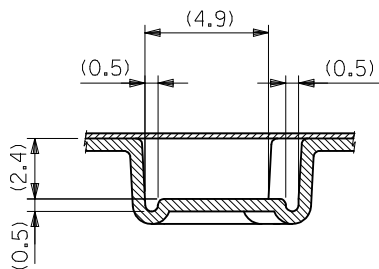
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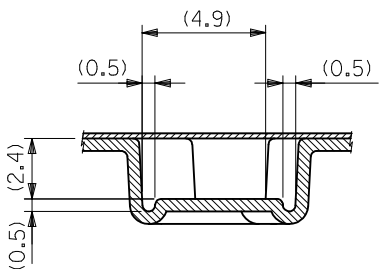
SECT.V-V



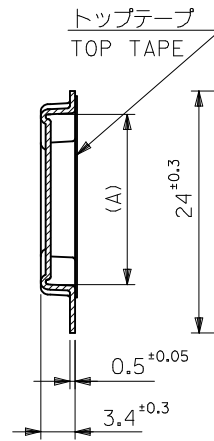
16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE



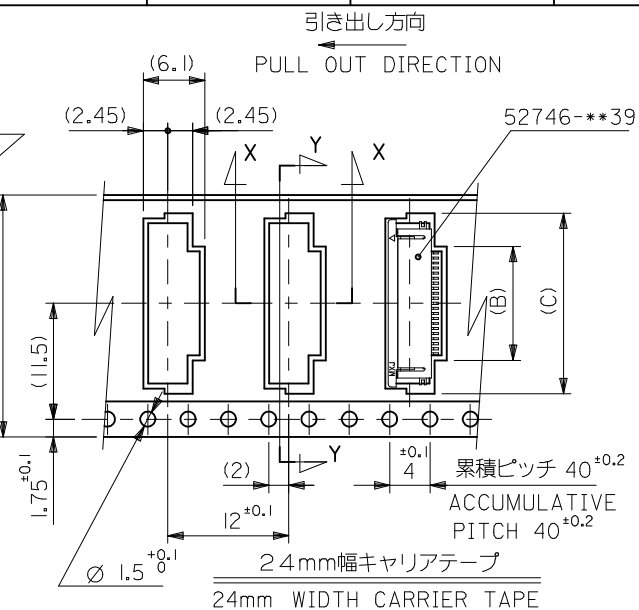
SECT. W-W



SECT. X-X



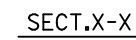
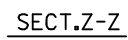
SECT.Y-Y



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		
16	21.4	17.4	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		
キャリアテープ幅 CARRIER TAPE WIDTH			9.4	2.8	8.4	52746-0471	4		
			(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUITS		

REVISED EC NO: J2009-2061 DRWN:TKN CHKD:HMATSUMOTO APPR:NUKITA 2009/05/20 2009/05/21 2009/05/21	DESCRIPTION REV	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.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52746-024		2 OF 3		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



MODEL No.52746-xx71

tb_frame_A3_J_ME_S
Rev. E 2006/04/15

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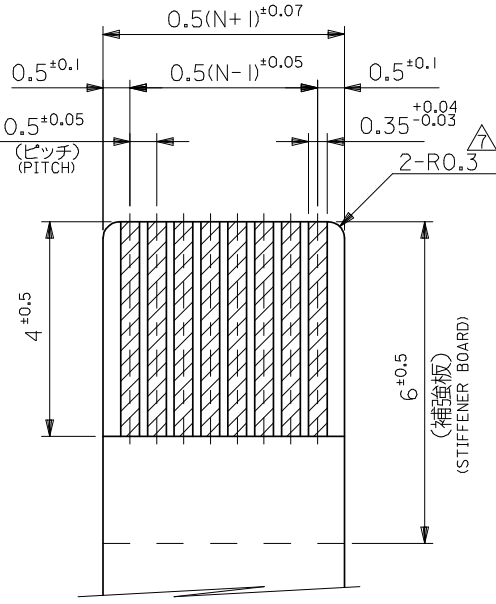
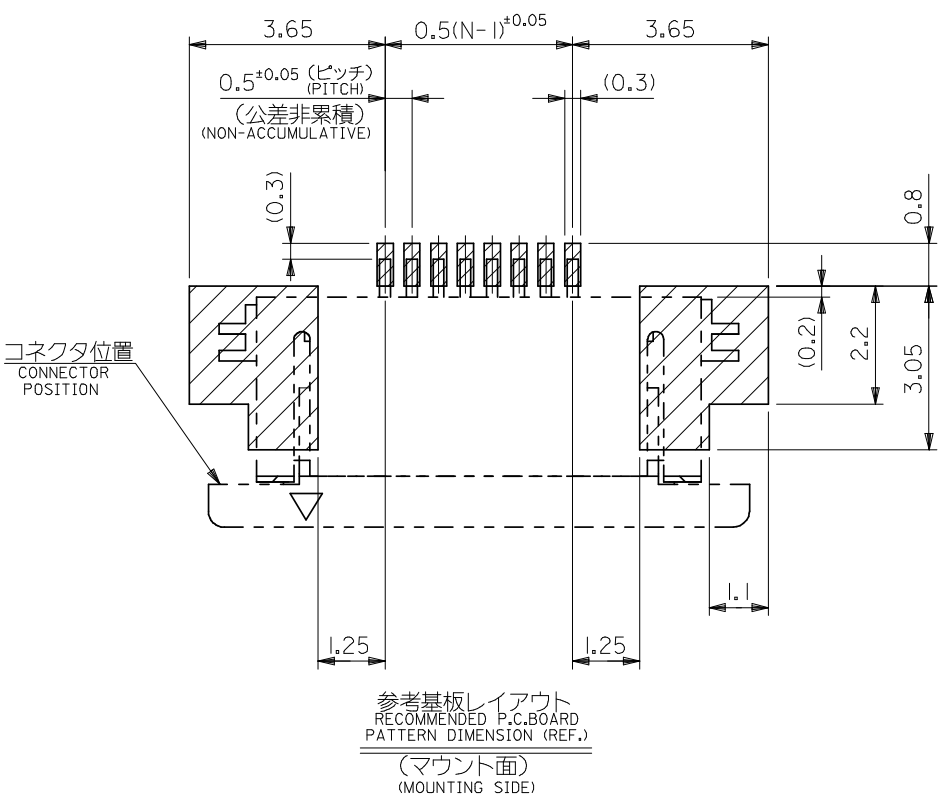
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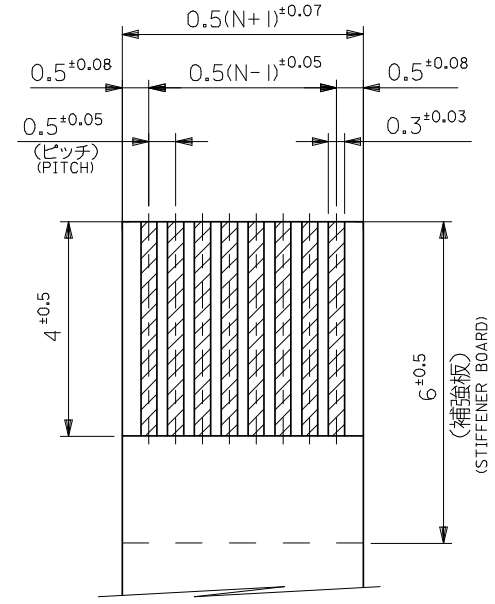
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適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)



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		DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	52746-**39	MODEL NO.				
							DESIGN UNITS METRIC		THIRD ANGLE PROJECTION				
			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.							DOCUMENT NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52746-025					SHEET NO. 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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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

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

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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

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