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Part Number: [0527461871](#)
Status: **Active**
Overview:
Description: 0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 18 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) 18
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

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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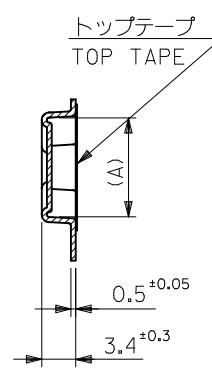
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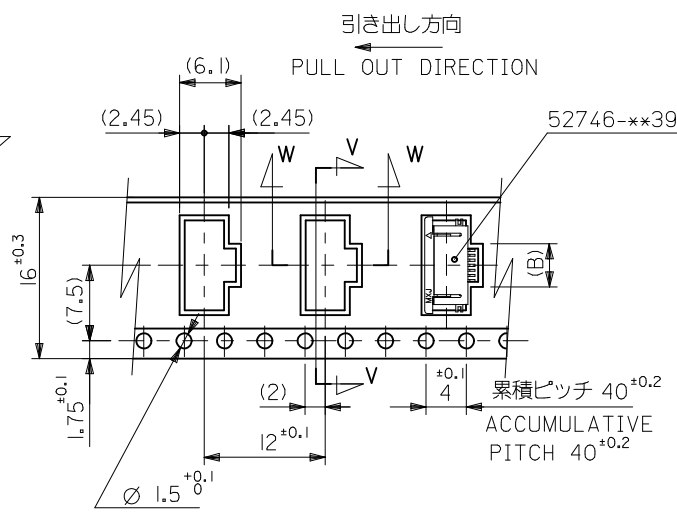
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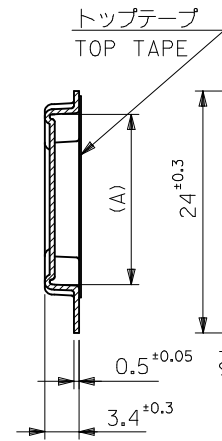
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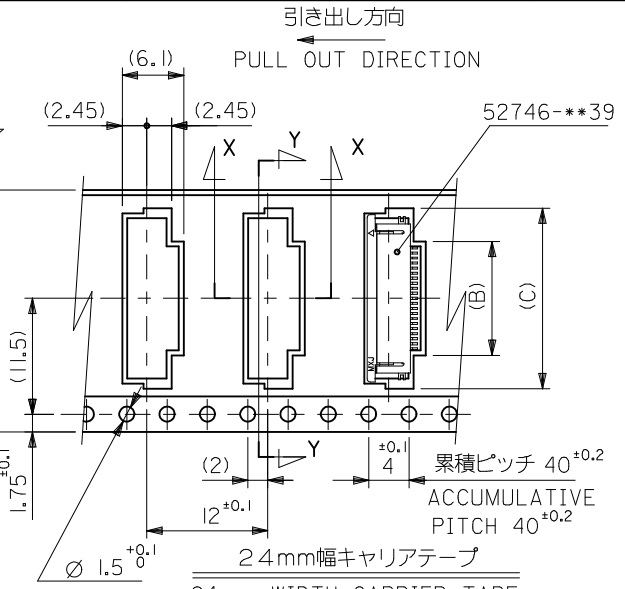
SECT.V-V



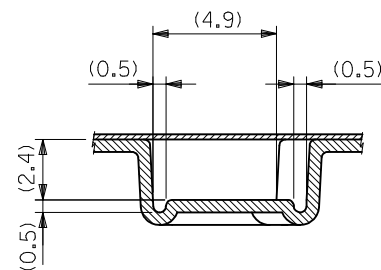
16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE



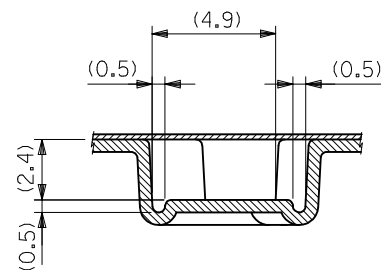
SECT.Y-Y



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



SECT. W-W



SECT.X-X

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- 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					
		ANGULAR ±3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-52746-024		SHEET NO. 2 OF 3		
	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					

10 9 8 7 6 5 4 3 2 1

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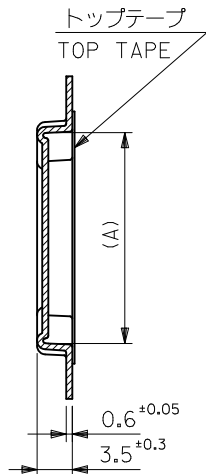
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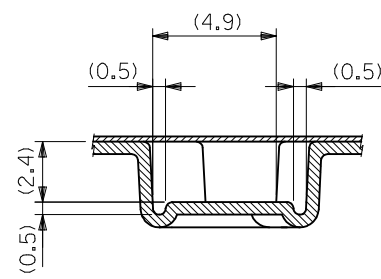
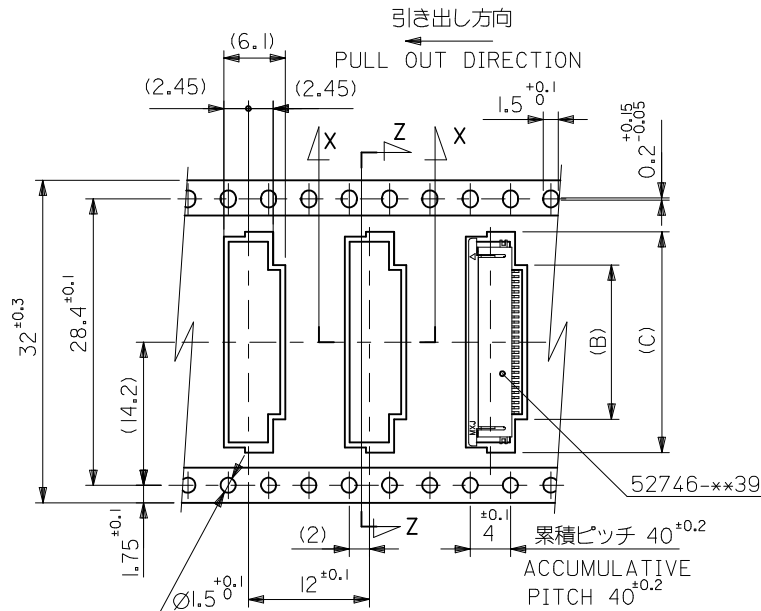
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SECT.Z-Z



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

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA		MODEL No.52746-xx71		CARRIER TAPE WIDTH		E		D		(C)		(B)		(A)		MATERIAL NO.		CIRCUIT	
		DESCRIPTION REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY				SCALE ---		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION					
						DRAWN BY		DATE		TITLE 0.5 FPC CONN ZIF SMT RA B/CONT EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED SD-52746-024									
				10 UNDER		±0.2		HSHIMABUKURO						'04/01/30					
				10 OVER 30 UNDER		±0.25		CHECKED BY						DATE					
				30 OVER		±0.3		KTOJO						'04/01/30					
				APPROVED BY		DATE		 MOLEX INCORPORATED											
				MSASAO		'04/01/30													
		ANGULAR ±3 °		MATERIAL NO.				DOCUMENT NO.				SHEET NO.							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				SD-52746-024				3 OF 3							
				SIZE A3		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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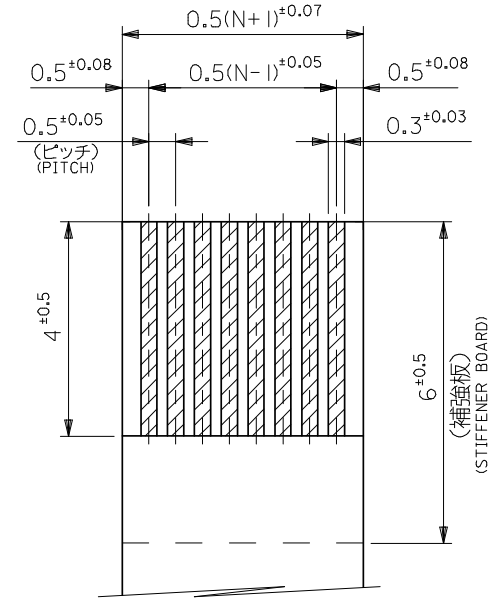
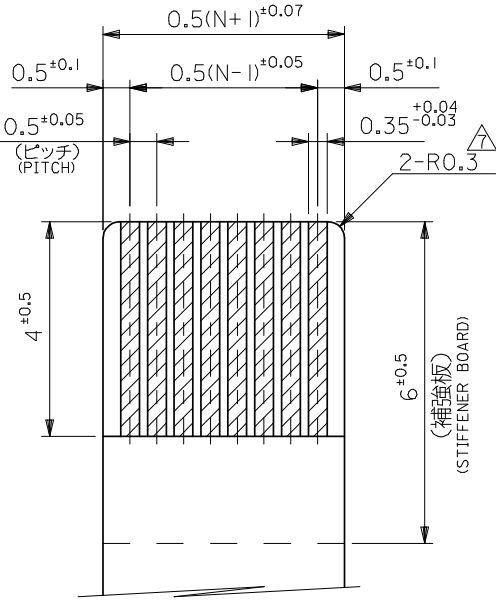
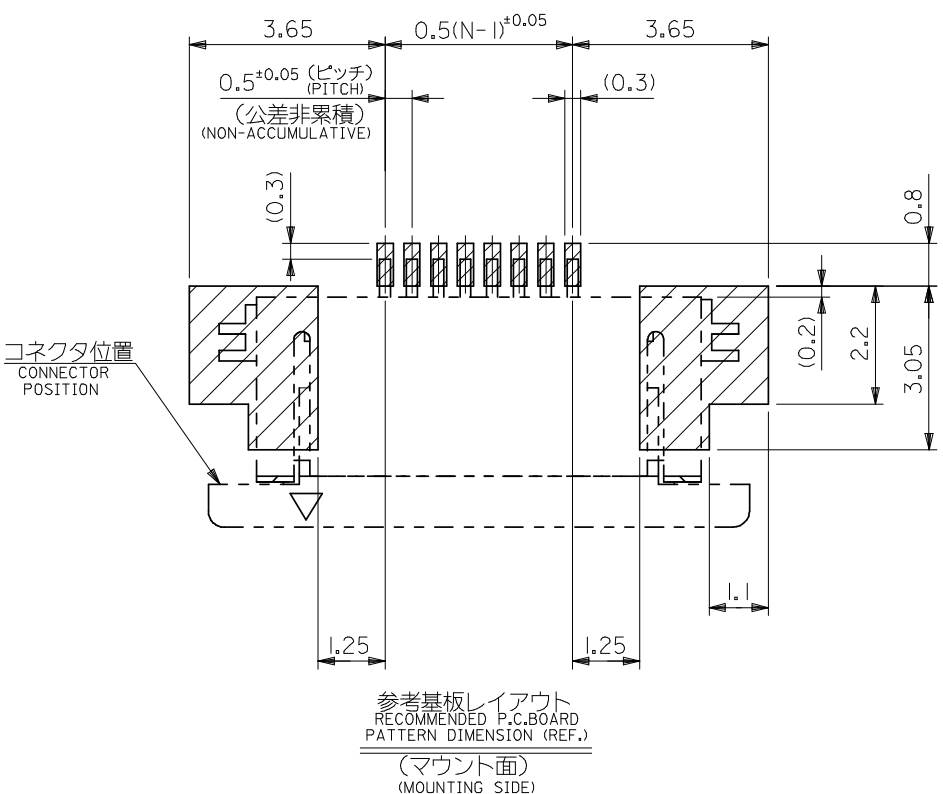
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適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)

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 ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	52746-**39	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							