

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0527931470

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch Right Angle, SMT, Non-ZIF, Top Contact Style, 14 Circuits, Lead-free

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

FFC/FPC Connectors

Series

52793

Overview

ffc_fpc_smt

Product Name

N/A

Physical

Circuits (Loaded)

14

Contact Position

Top

Durability (mating cycles max)

10

Entry Angle

90° Angle

Flammability

94V-0

Mated Height (in)

0.122 In

Mated Height (mm)

3.10 mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin-Bismuth

Material - Plating Termination

Tin-Bismuth

Number of Rows

1

Orientation

Right Angle

PCB Locator

No

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface (in)

0.039 In

Pitch - Mating Interface (mm)

1.00 mm

Plating min: Mating (µin)

40

Plating min: Mating (µm)

1

Plating min: Termination (µin)

40

Plating min: Termination (µm)

1

Polarized to PCB

No

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-52793-001

Product Specification

PS-52793-014, RPS-52793-016, RPS-52793-018, RPS-52793-019, RPS-52793-020, RPS-52793-021, RPS-52793-024

Sales Drawing

SD-52793-011, SD-52793-012

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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](#)

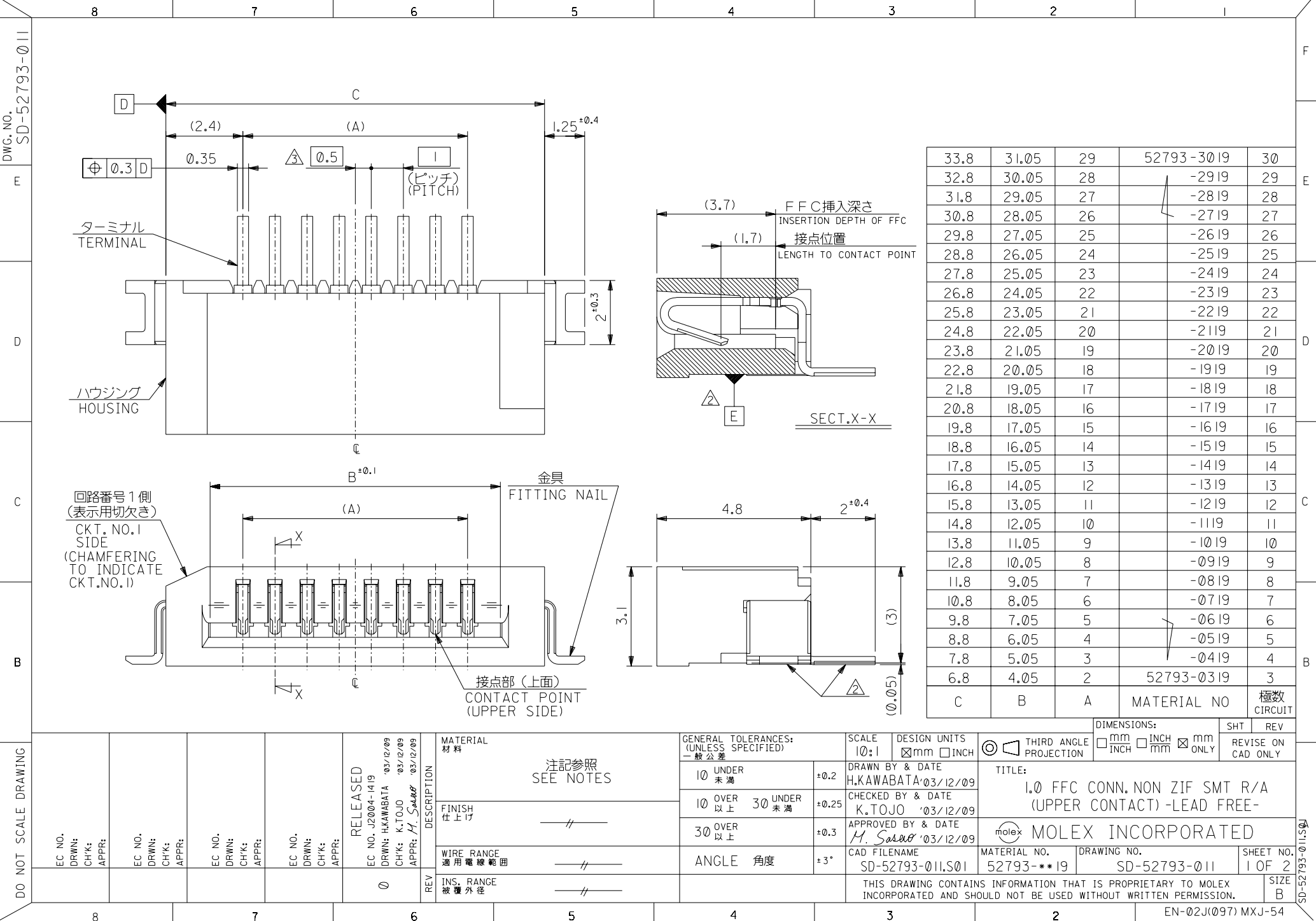
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

52793Series

This document was generated on 06/05/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



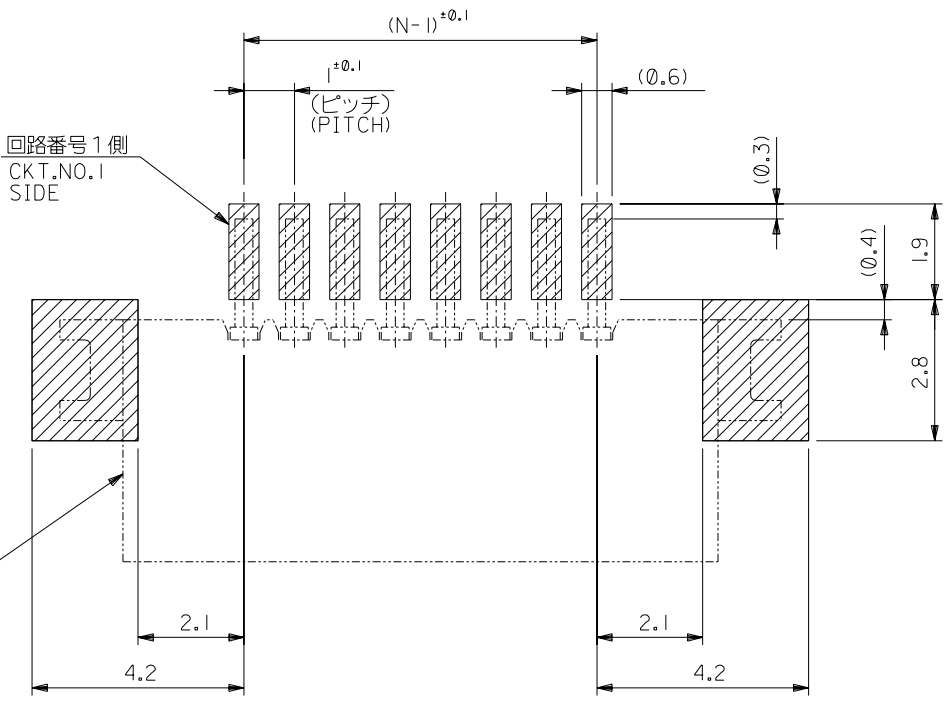
DO NOT SCALE DRAWING

8		7		6		5		4		3		2		1	
F		E		D		C		B		A		F		E	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D		C	
A		F		E		D		C		B		A		F	
F		E		D		C		B		A		F		E	
E		D		C		B		A		F		E		D	
D		C		B		A		F		E		D			

DWG. NO. SD-52793-011
F
D
V
C
B
DO NOT SCALE DRAWING



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



参考基板レイアウト (マウント面)

RECOMMENDED P.C.BOARD
PATTERN DIMENSION. (REF.)
(MOUNTING AREA)

注記 NOTES:

1. 使用材料 MATERIAL
ハウジング : PPS, UL94V-0
ターミナル : リン青銅 (t=0.25)
メッキ : ニッケル下地錫ピスマスメッキ
金具 : リン青銅 (t=0.25)
メッキ : ニッケル下地純銅メッキ
- HOUSING : PPS, UL94V-0
TERMINAL : PHOSPHOR BRONZE
PLATING : Sn-Bi OVER Ni
FITTING NAIL : PHOSPHOR BRONZE
PLATING : Sn OVER Ni
2. 基準面 [E] からのソルダータールとフィッティングネイルの半田付け面のズレ量は、
上方向に0.1MAX. 下方向0.15MAX. とする。
MISALIGNMENT OF SOLDER TAIL AND FITTING NAIL FROM [E]
: UPPER DIRECTION 0.1 MAX. , LOWER DIRECTION 0.15 MAX.
3. 偶数極に適用。
APPLY FOR EVEN CKT.

4. 本製品は 52793-**10 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52793-**10

EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			SEE SHEET 1 OF 2	EC NO. DRWN: CHK: APPR:	DESCRIPTION	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 10:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ INCH ☒ mm ONLY	REV REVISION ON CAD ONLY								
注記参照 SEE NOTES															10 UNDER 未満	±0.2	DRAWN BY & DATE H.KAWABATA '03/12/09		TITLE: 1.0 FFC CONN. NON ZIF SMT R/A (UPPER CONTACT) -LEAD FREE-											
															10 OVER 以上 30 UNDER 未満	±0.25	CHECKED BY & DATE K.TOJO '03/12/09													
//															30 OVER 以上	±0.3	APPROVED BY & DATE M. Sasaki '03/12/09		 MOLEX INCORPORATED											
															WIRE RANGE 適用電線範囲		//						ANGLE 角度		±3°	CAD FILENAME SD-52793-011.S02		MATERIAL NO. 52793-**-19		DRAWING NO. SD-52793-011
0															REV	INS. RANGE 被覆外径		//		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE B

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

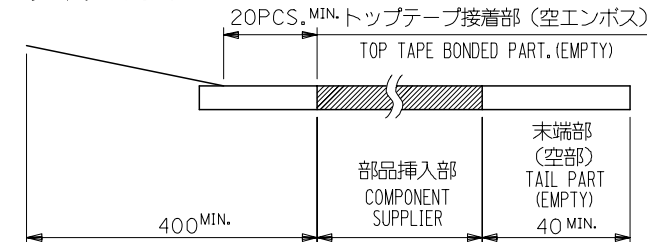
A



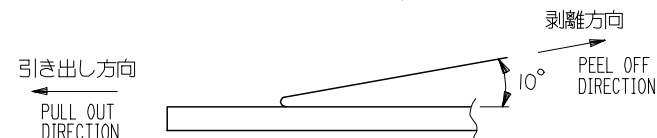
NOTES

- 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 SALES DRAWING FOR CONNECTOR.
- 梱包数量: 1000個/リール
NUMBER OF CONNECTORS: 1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

引き出し方向
PULL OUT DIRECTION



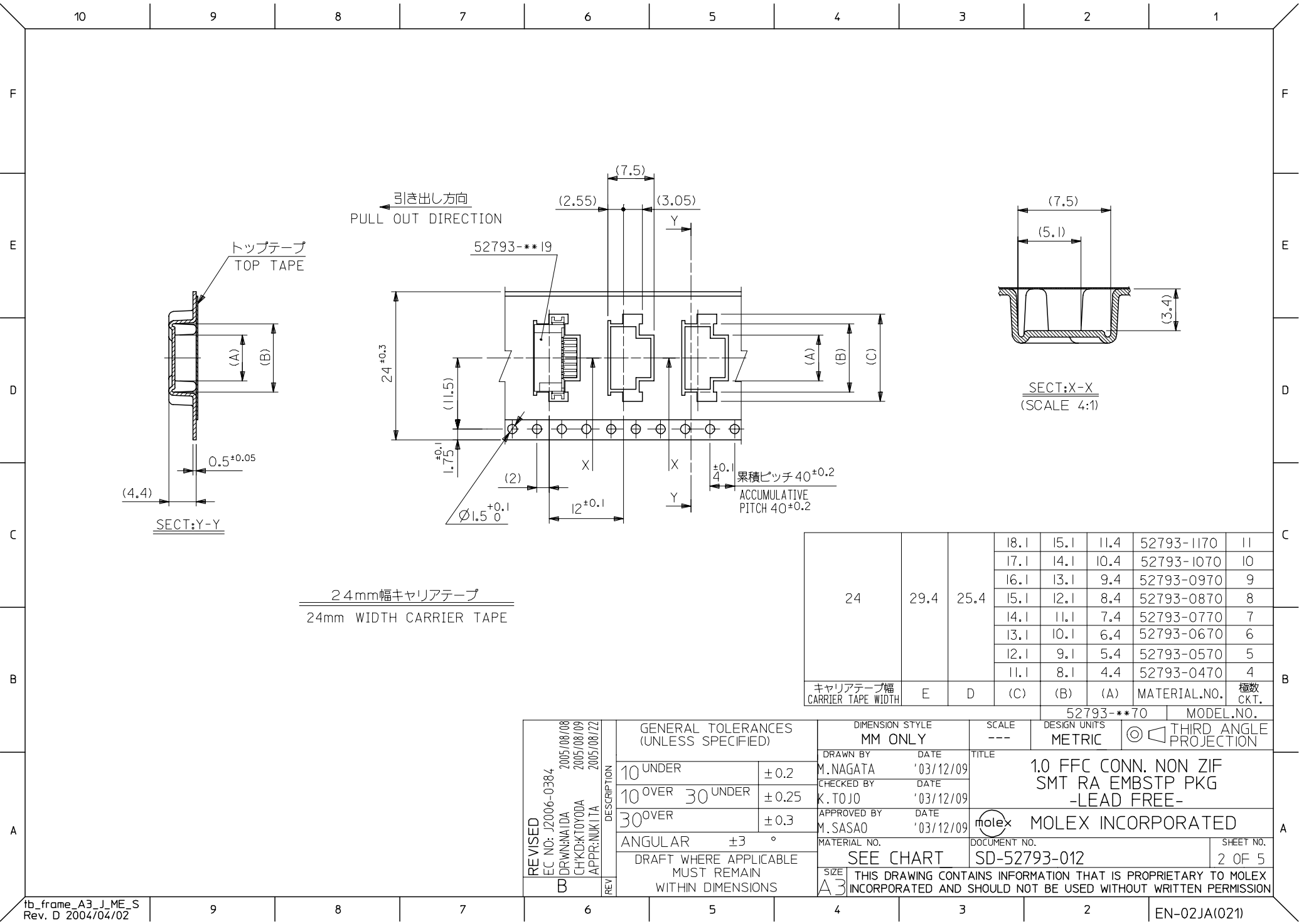
- トップテープの剥離強度: 0.1-1.3 N(10-130gf) (剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1-1.3 N(10-130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



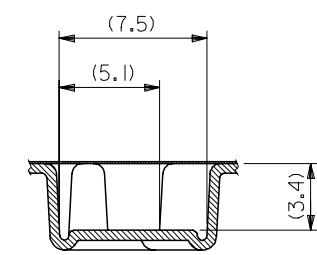
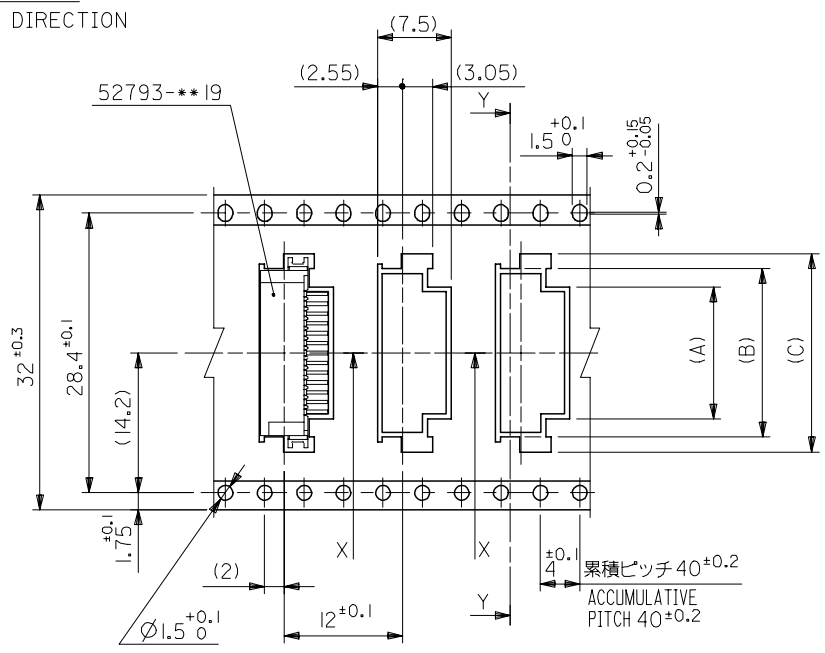
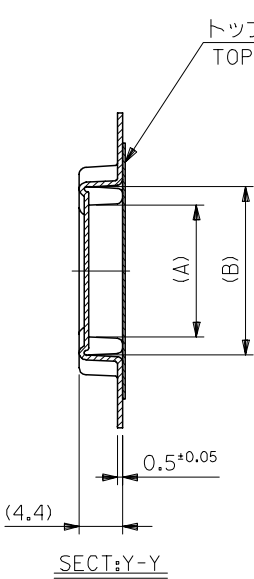
- 材料(MATERIAL)
キャリアテープ(CARRIER TAPE): ポリプロピレン(POLYPROPYLENE)
トップテープ(TOPTAPE): PET, PE, PEF
リール(REEL): ポリスチレン(PS) <リサイクル材を含む>
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>
- 本製品は 52793-***90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52793-***90

52793-***90 MODEL NO.

REVISED EC NO: J2006-0384 DRAWN BY CHIKDK TOYODA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NAGATA	DATE '03/12/09	TITLE 1.0 FFC CONN. NON ZIF SMT RA EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE '03/12/09					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '03/12/09	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-012		1 OF 5		
REV	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



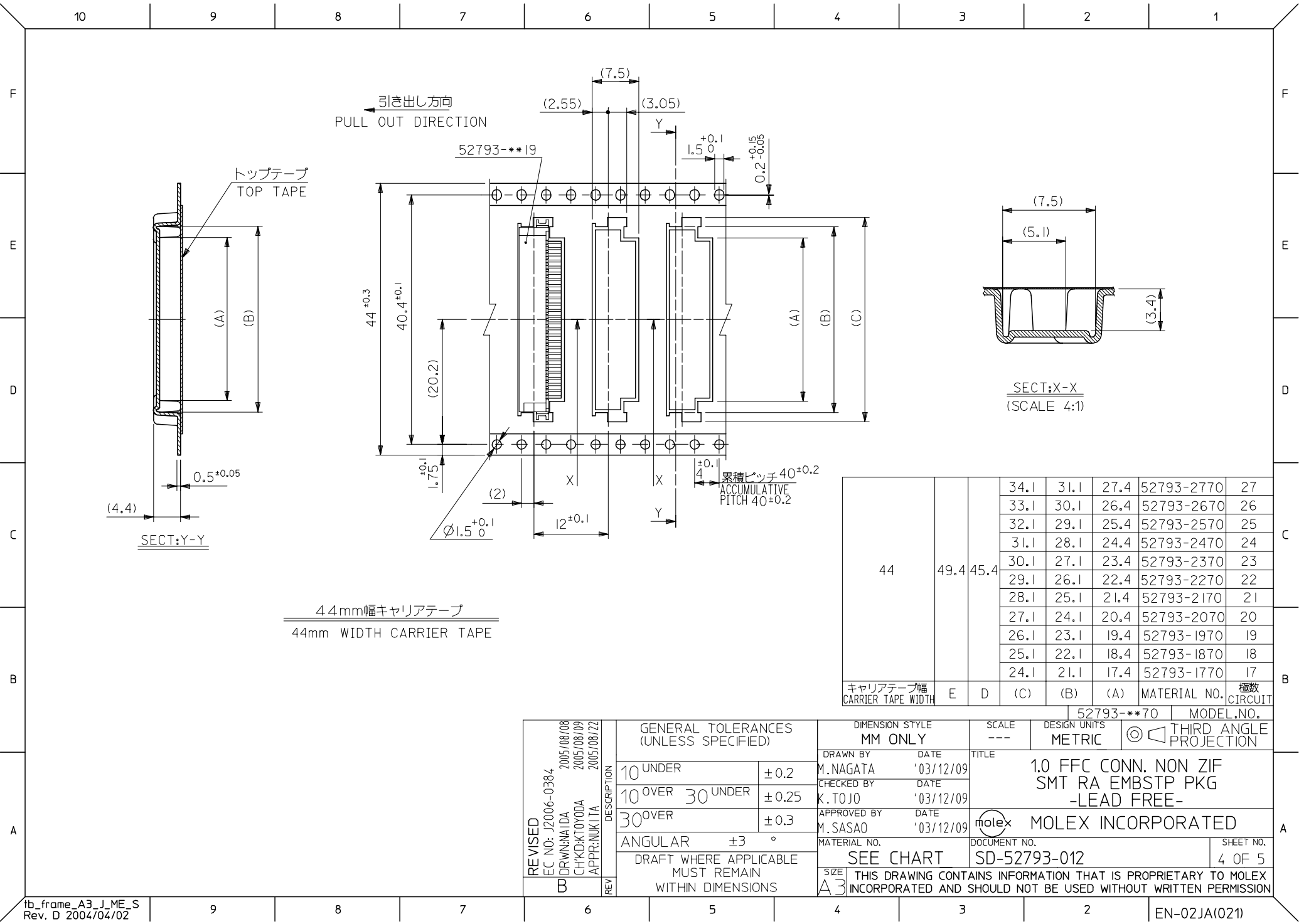
引き出し方向
PULL OUT DIRECTION



32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	23.1	20.1	16.4	52793-1670	I6
			22.1	19.1	15.4	52793-1570	I5
			21.1	18.1	14.4	52793-1470	I4
			20.1	17.1	13.4	52793-1370	I3
			19.1	16.1	12.4	52793-1270	I2
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

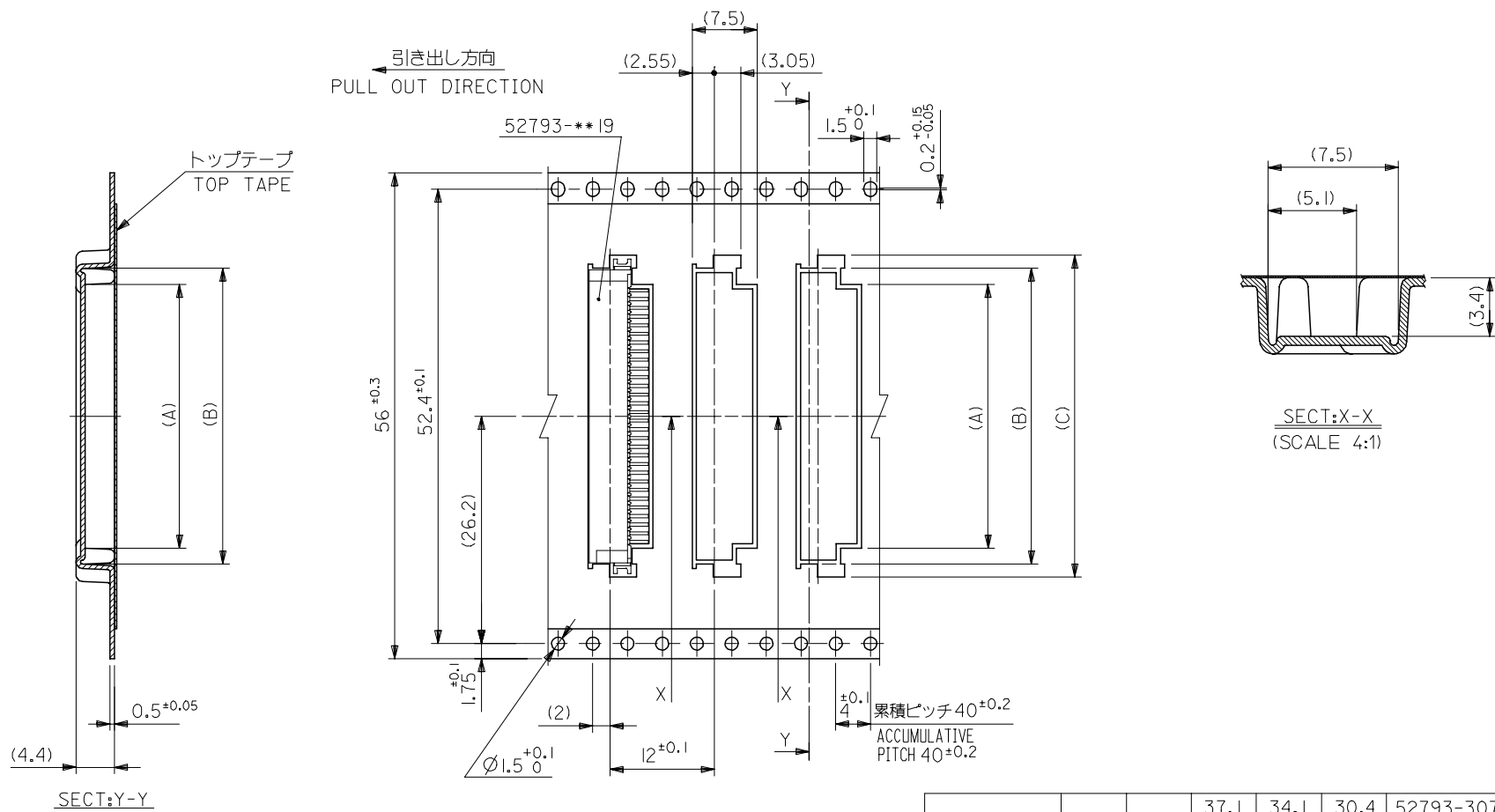
REVISED EC NO: J2006-0384 DRWN: AIDA CHKD: KTOYODA APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	MODEL NO.		
				MM ONLY		---	METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M. NAGATA	DATE '03/12/09	TITLE 1.0 FFC CONN. NON ZIF SMT RA EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE '03/12/09					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '03/12/09	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-012		3 OF 5		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	49.4	45.4	34.1	31.1	27.4	52793-2770	27
			33.1	30.1	26.4	52793-2670	26
			32.1	29.1	25.4	52793-2570	25
			31.1	28.1	24.4	52793-2470	24
			30.1	27.1	23.4	52793-2370	23
			29.1	26.1	22.4	52793-2270	22
			28.1	25.1	21.4	52793-2170	21
			27.1	24.1	20.4	52793-2070	20
			26.1	23.1	19.4	52793-1970	19
			25.1	22.1	18.4	52793-1870	18
			24.1	21.1	17.4	52793-1770	17
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2006-0384 B	2005/08/08 2005/08/09 2005/08/22	DRWN:NAIDA CHKD:KTOYODA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				10 UNDER	± 0.2	M. NAGATA	'03/12/09	1.0 FFC CONN. NON ZIF SMT RA EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED			
				10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE '03/12/09				
				30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '03/12/09				
				ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-012			4 OF 5
				REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



56mm幅キャリアテープ
56mm WIDTH CARRIER TAPE

56	61.4	57.4	37.1	34.1	30.4	52793-3070	30
			36.1	33.1	29.4	52793-2970	29
			35.1	32.1	28.4	52793-2870	28
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2006-0384 DRW: NAITA CHK: KTOYODA APP: NUKITA		2005/08/08 2005/08/09 2005/08/22		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
10 UNDER		± 0.2		DRAWN BY M. NAGATA		DATE '03/12/09		TITLE 1.0 FFC CONN. NON ZIF SMT RA EMBSTP PKG -LEAD FREE-		MOLEX INCORPORATED		SHEET NO. 5 OF 5	
10 OVER 30 UNDER		± 0.25		CHECKED BY K. TOJO		DATE '03/12/09		MATERIAL NO.		DOCUMENT NO. SD-52793-012			
30 OVER		± 0.3		APPROVED BY M. SASAO		DATE '03/12/09		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
ANGULAR		± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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.

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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9