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Part Number: [0527932970](#)
Status: **Active**
Overview:
Description: 1.00mm (.039") Pitch Right Angle, SMT, Non-ZIF, Top Contact Style, 29 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) 29
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-52793-010, 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.

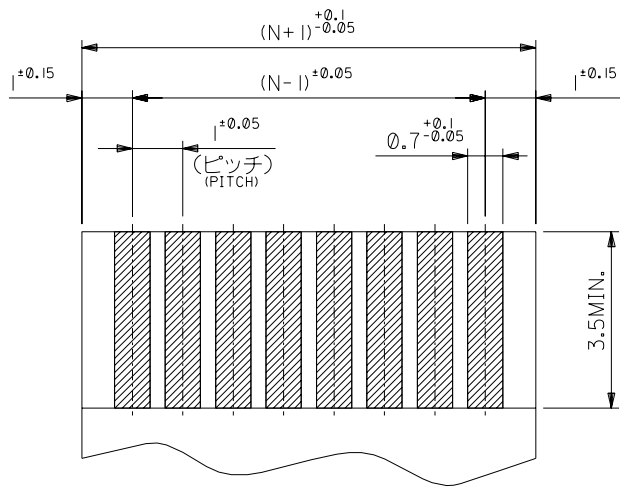
Search Parts in this Series
[52793Series](#)

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J-54

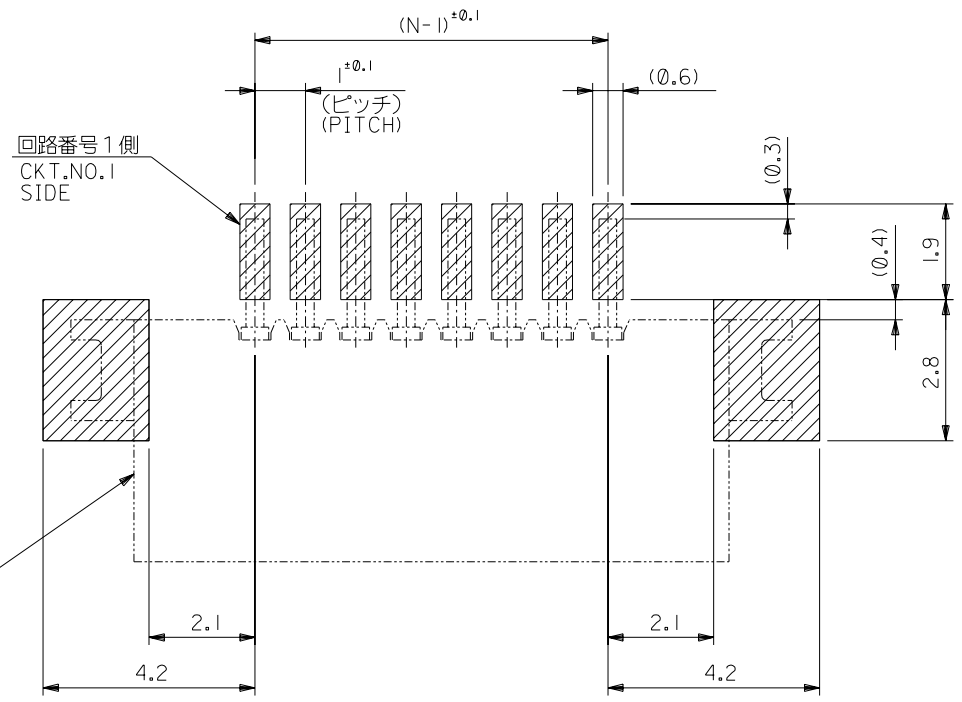
8 7 6 5 4 3 2 1



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

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 : ニッケル下地錫ヒスマメッキ
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] からの溶ダテ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.



参考基板レイアウト (マウント面)

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

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.				SEE SHEET 1 OF 2	DESCRIPTION	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 10:1	DESIGN UNITS mm INCH	THIRD ANGLE PROJECTION	DIMENSIONS: mm INCH		SHT	REV
DRWN: CH'K: APPR:	EC NO.	DRWN: CH'K: APPR:	EC NO.				10 UNDER 未満	±0.2				mm INCH	mm ONLY		
					FINISH 仕上げ	注記参照 SEE NOTES	10 OVER 以上	±0.25							
					WIRE RANGE 適用電線範囲		30 UNDER 未満	±0.3							
					INS. RANGE 被覆外径		30 OVER 以上	±3°							
					REV										

DRAWN BY & DATE H.KAWABATA '03/12/09				TITLE: 1.0 FFC CONN. NON ZIF SMT R/A (UPPER CONTACT) -LEAD FREE-	
CHECKED BY & DATE K.TOJO '03/12/09				MOLEX INCORPORATED	
APPROVED BY & DATE H. Sasa '03/12/09				MATERIAL NO. SD-52793-011S02	
CAD FILENAME SD-52793-011.S02				DRAWING NO. SD-52793-011	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SHEET NO. 2 OF 2	
				SIZE B	

8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

F

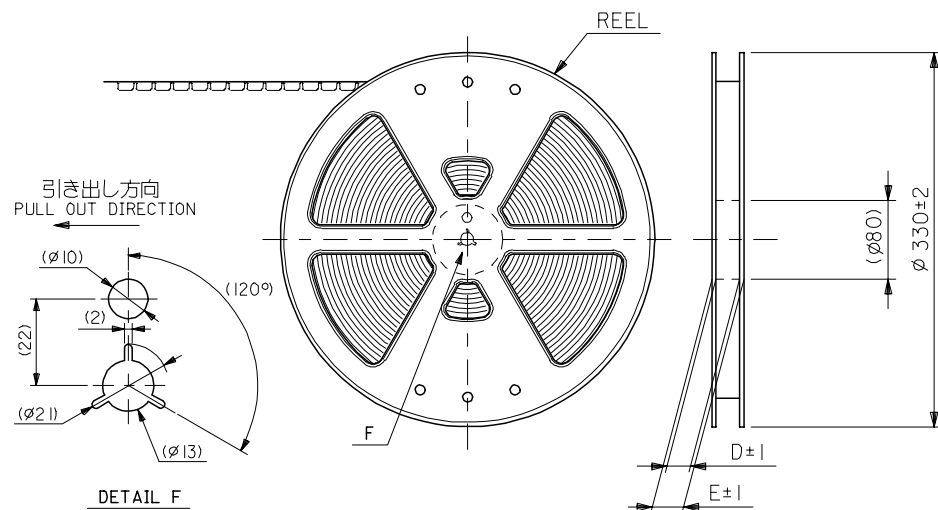
E

D

C

B

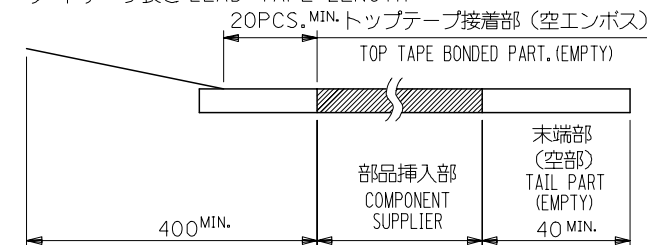
A



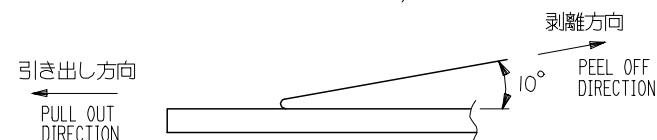
NOTES

- 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



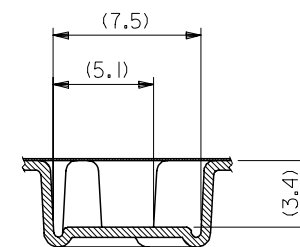
- トップテープの剥離強度：0.1-1.3 N(10-130gf) (剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1-1.3 N(10-130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



- 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.

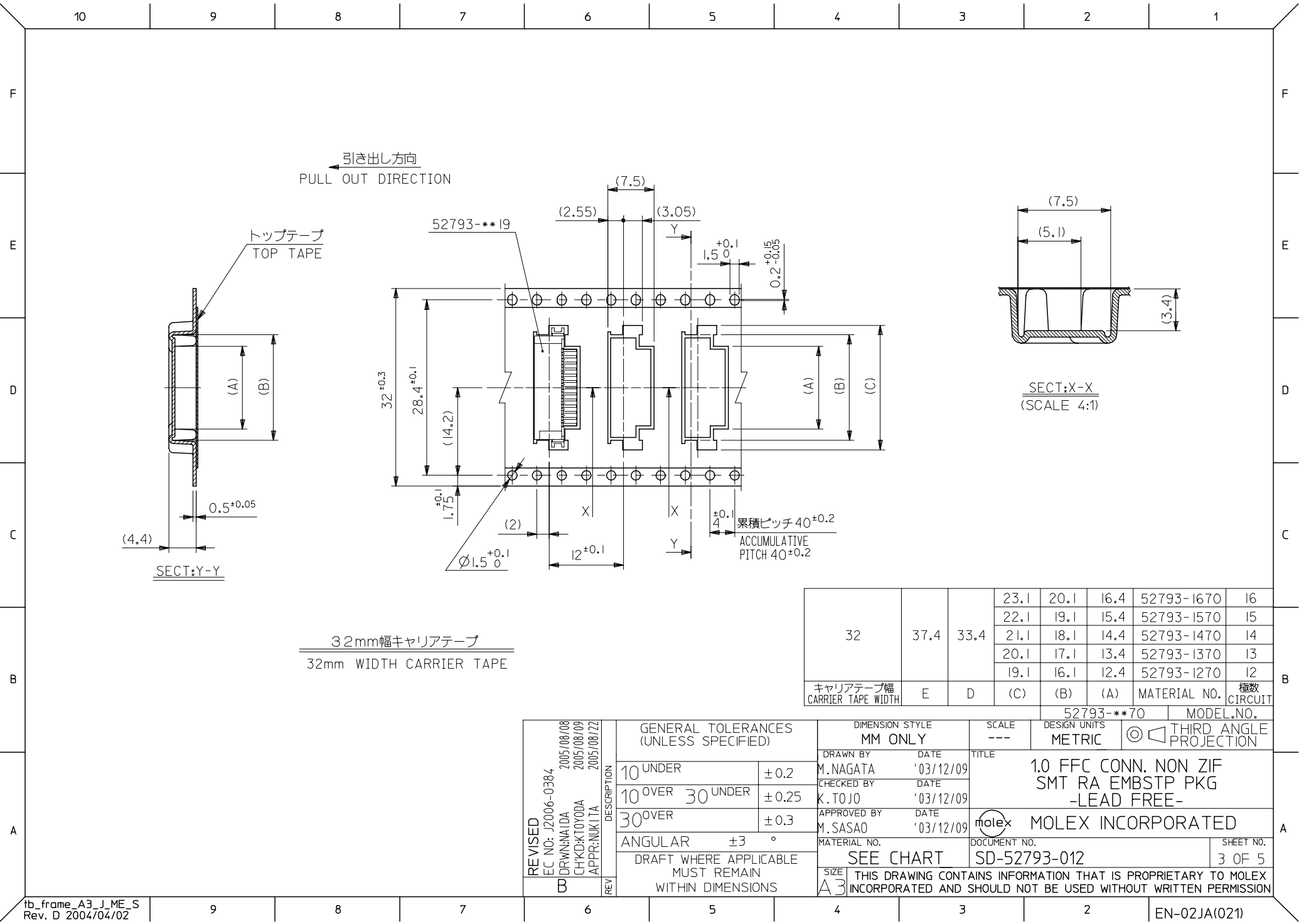
REVISED	EC NO: J2006-0384 DRAWN BY: ODAWANAIDA CHKD BY: TOYODA APPR: NUKITA	2005/08/08 2005/08/09 2005/08/22	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
				10 UNDER	± 0.2	DRAWN BY M. NAGATA	DATE '03/12/09	TITLE 1.0 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.					
				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						



24mm幅キャリアテープ

52793-**70	MODEL.NO.
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tb_frame_A3_J_ME_S
Rev. D 2004/04/02

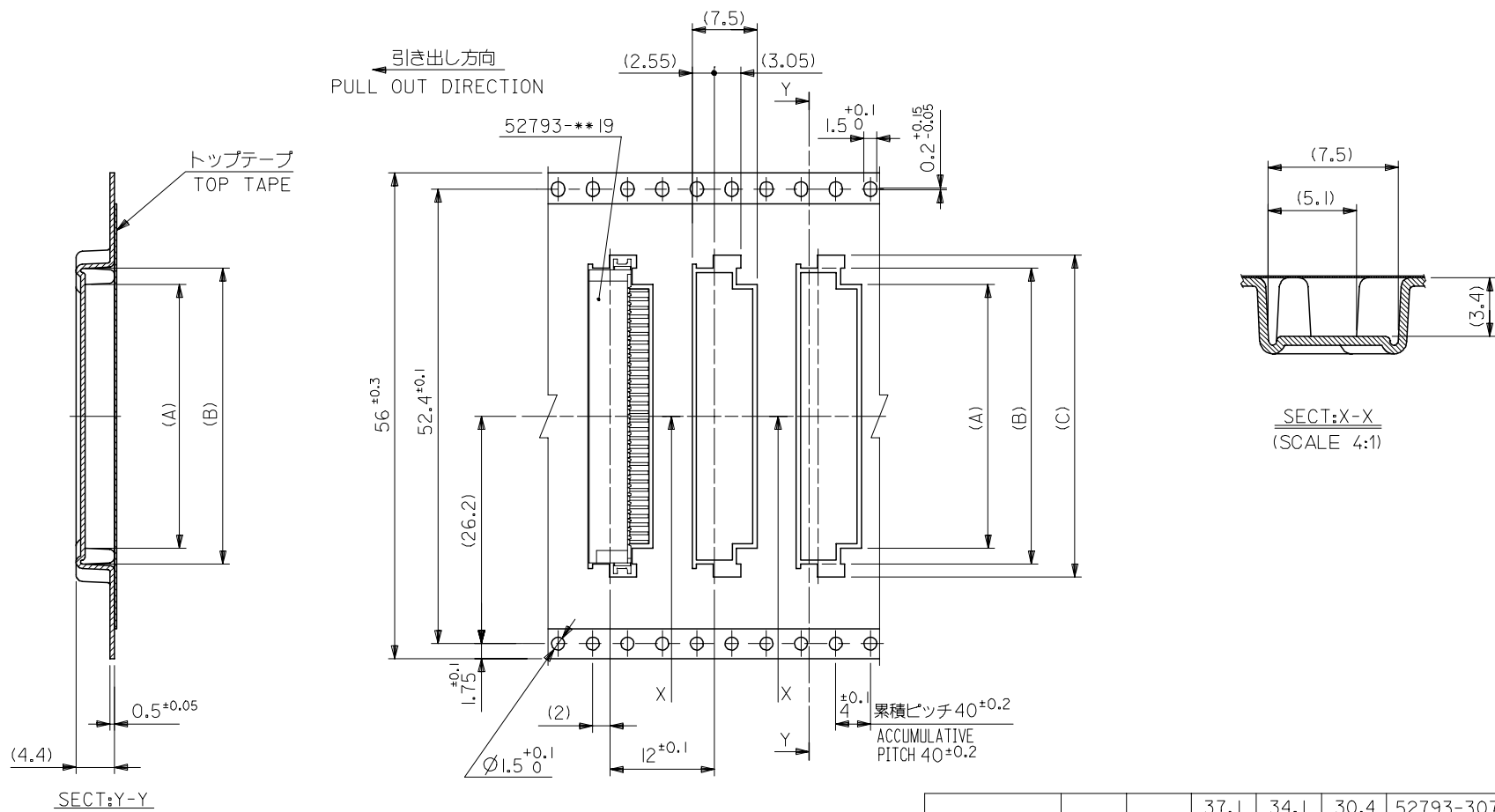


32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

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

52793-**-70 MODEL NO.

REVISED EC NO: J2006-0384 B	2005/08/08 2005/08/09 2005/08/22	DRWN:NAIDA CHKD:KTOYODA APPR:NUKITA	DESCRIPTION REV	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-			
				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							



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 DRAWN:NAIDA CHK:KTOYODA APP:NUKITA	DESCRIPTION 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-			
		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		5 OF 5	
	REV	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						