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Part Number: [0527931370](#)
Status: **Active**
Overview:
Description: 1.00mm (.039") Pitch Right Angle, SMT, Non-ZIF, Top Contact Style, 13 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) 13
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](#)

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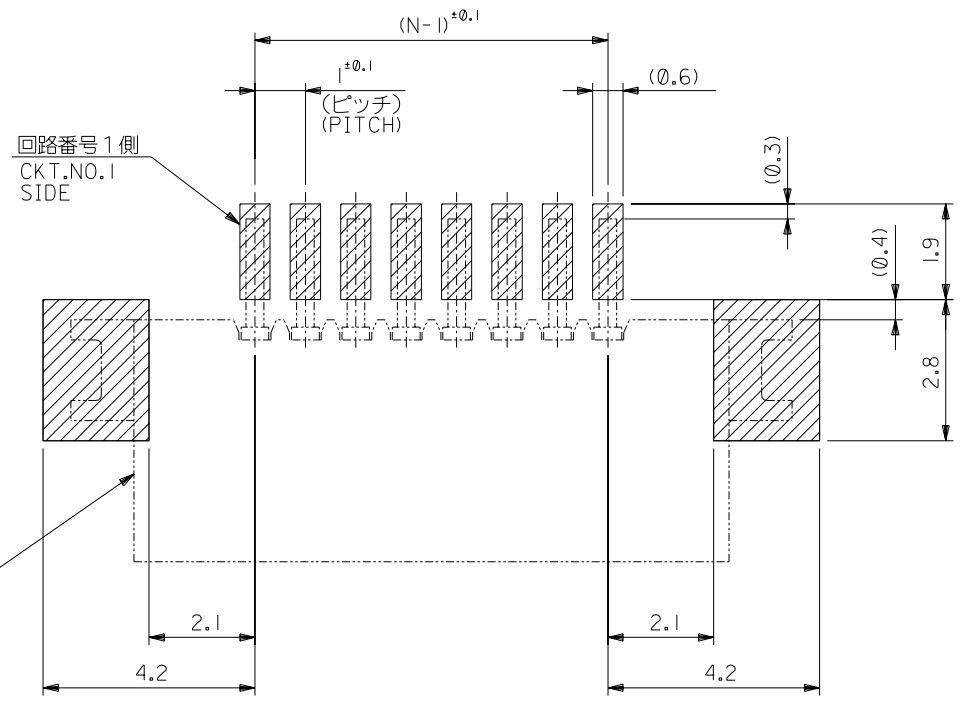
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DWG. NO. SD-52793-011
F
D
V
C
B
DO NOT SCALE DRAWING



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

- 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] からのソルダー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. 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 注記参照 SEE NOTES FINISH 仕上 WIRE RANGE 適用電線範囲 INS. RANGE 被覆外径			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE 10:1		DESIGN UNITS mm INCH		THIRD ANGLE PROJECTION		mm INCH mm INCH mm ONLY		REVISE ON CAD ONLY			
																		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														
																		APPROVED BY & DATE H. Sasao '03/12/09		MOLEX INCORPORATED												
																		ANGLE 角度			±3°		CAD FILENAME SD-52793-011.S02		MATERIAL NO. 52793-**-19		DRAWING NO. SD-52793-011		SHEET NO. 2 OF 2		SIZE B	
																		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.														

SD-52793-011.502

10 9 8 7 6 5 4 3 2 1

F

E

D

C

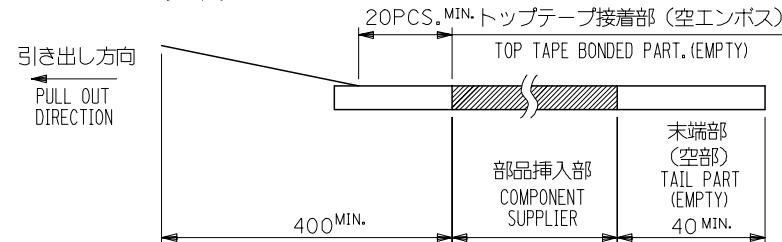
B

A

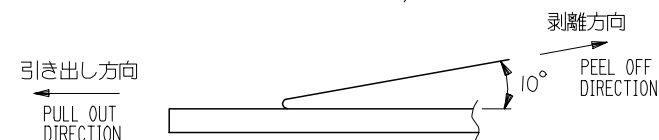


NOTES

- 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



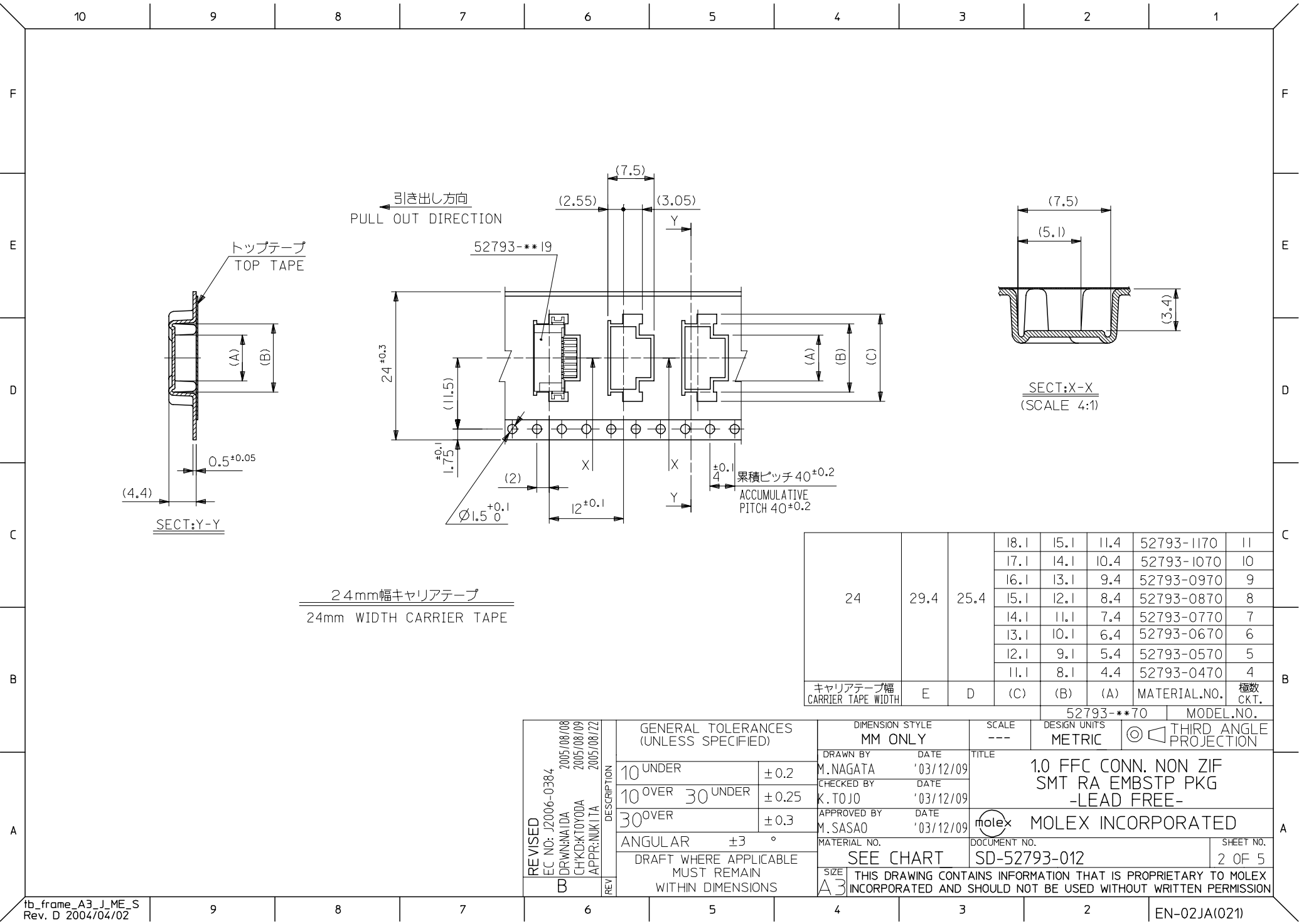
- トップテープの剥離強度: 0.1-1.3 N(10-130gf) (剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1-1.3 N(10-130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.

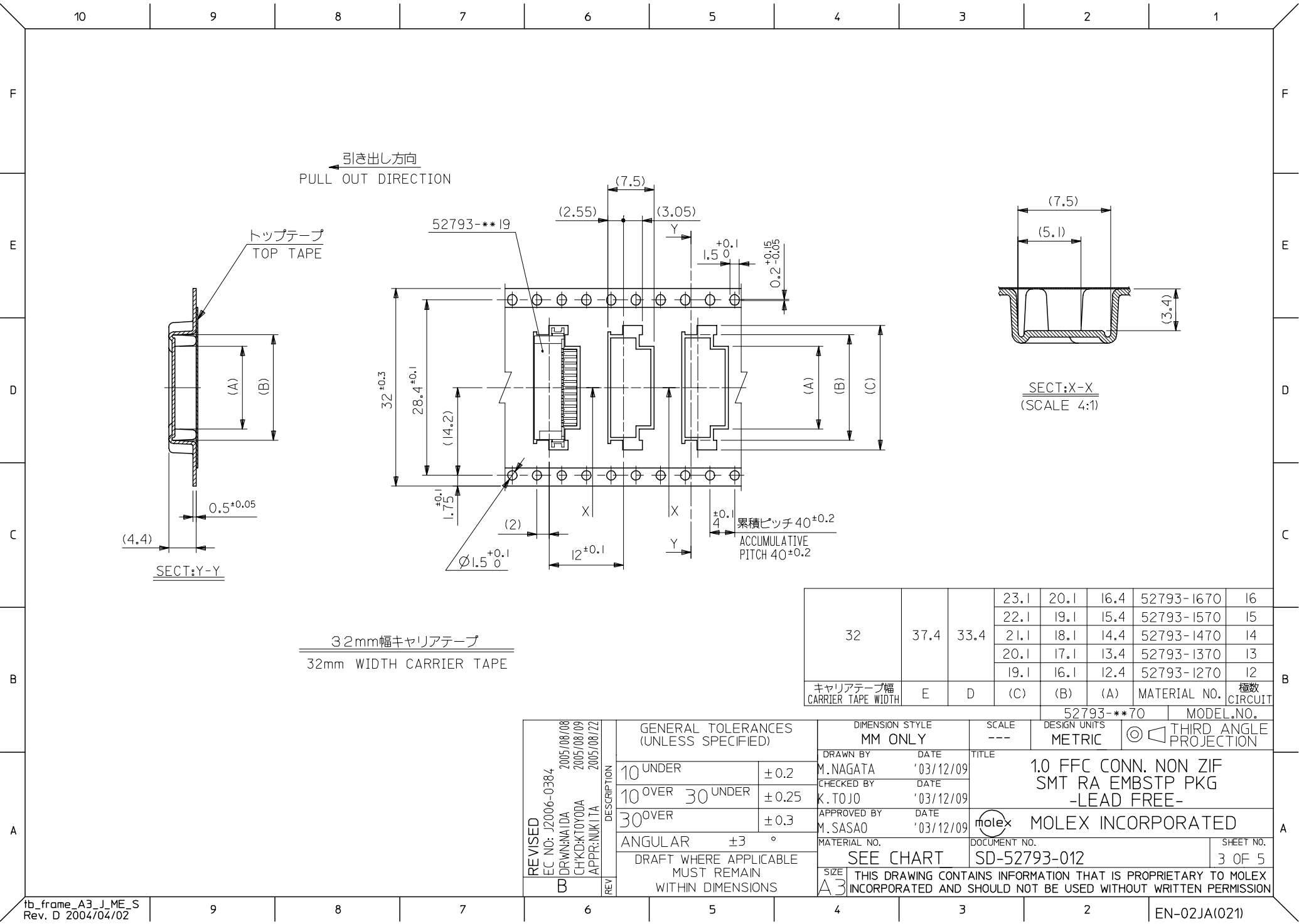


- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE): PET, PE, PEF
リール (REEL): ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- 本製品は 52793-***90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52793-***90

52793-***90 MODEL NO.

REVISED	EC NO: J2006-0384 DRAWN BY DAISUKE NAKADA 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							

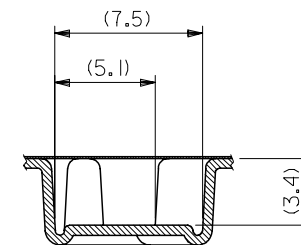




32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

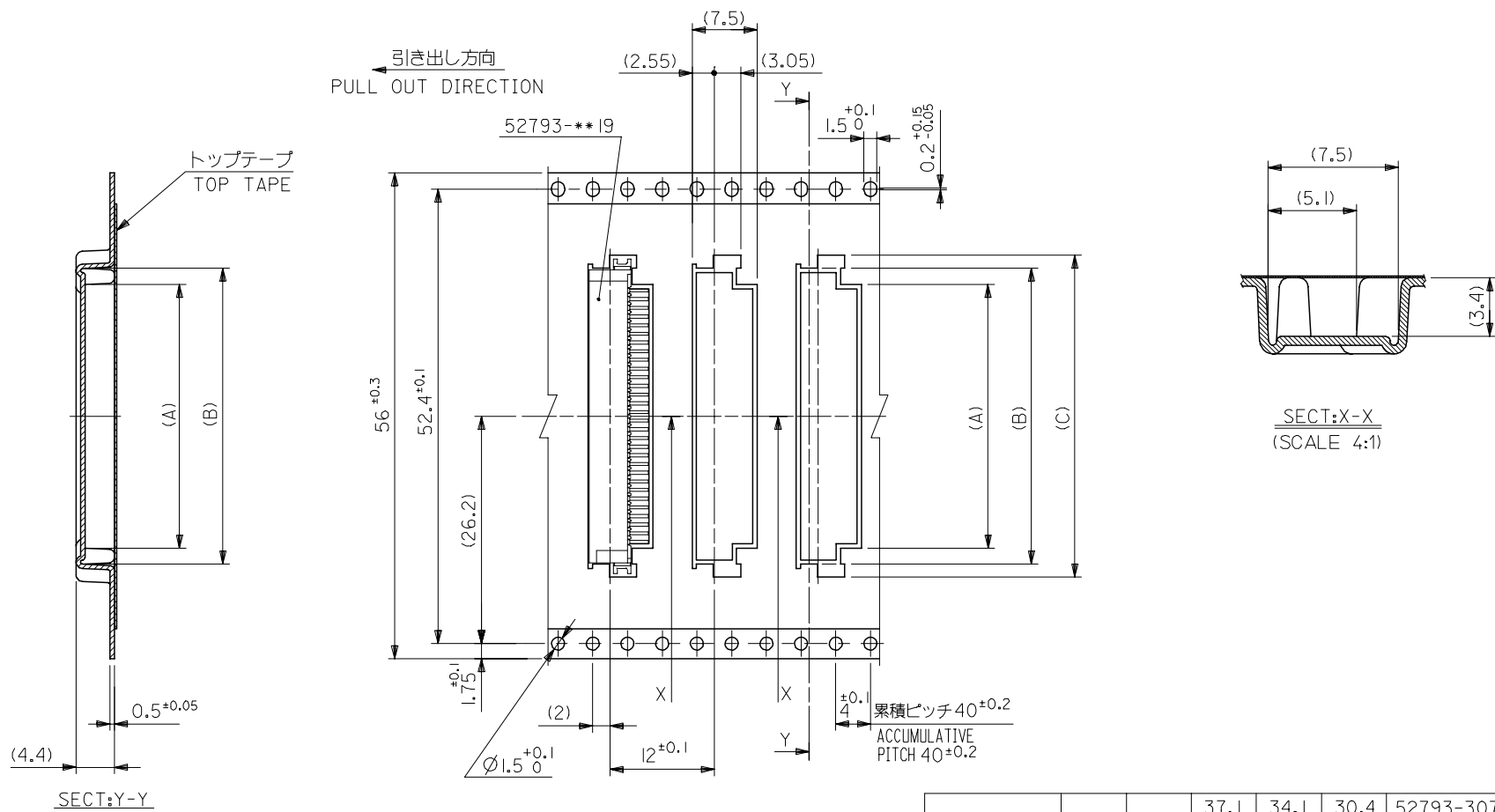
32	37.4	33.4	23.1	20.1	16.4	52793-1670	I6
			22.1	19.1	15.4	52793-1570	I5
			21.1	18.1	14.4	52793-1470	I4
			20.1	17.1	13.4	52793-1370	I3
			19.1	16.1	12.4	52793-1270	I2
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2006-0384 B	DRWN: AIDA CHKD: KTOY00A APPR: NUKITA	2005/08/08 2005/08/09 2005/08/12	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.					
				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											

SECT:Y-Y

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				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	
	DRAWN BY DAIWANAIDA CHIKAKI TOYODA APPR: NUKITA				10 UNDER				± 0.2			M. NAGATA				'03/12/09		TITLE 1.0 FFC CONN. NON ZIF SMT RA EMBSTP PKG -LEAD FREE-							
					10 OVER		30 UNDER		± 0.25			CHECKED BY				DATE									
					30 OVER				± 0.3			K. TOJO				'03/12/09									
					APPROVED BY M. SASAO									APPROVED BY				DATE		MOLEX INCORPORATED					
									ANGULAR			±3		°		MATERIAL NO.									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART				SD-52793-012				DOCUMENT NO.				SHEET NO. 4 OF 5									
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 DRWN: AIDA CHKD: TOYODA APPR: 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									

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