

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0527930770

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch Right Angle, SMT, Non-ZIF, Top Contact Style, 7 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)

7

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

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

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 Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

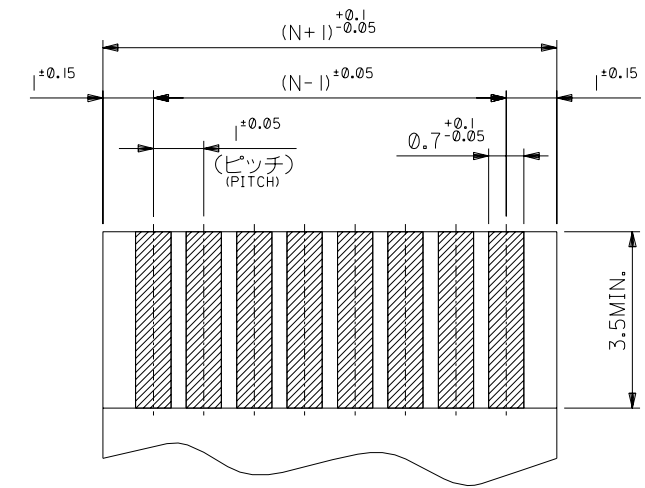
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

52793Series

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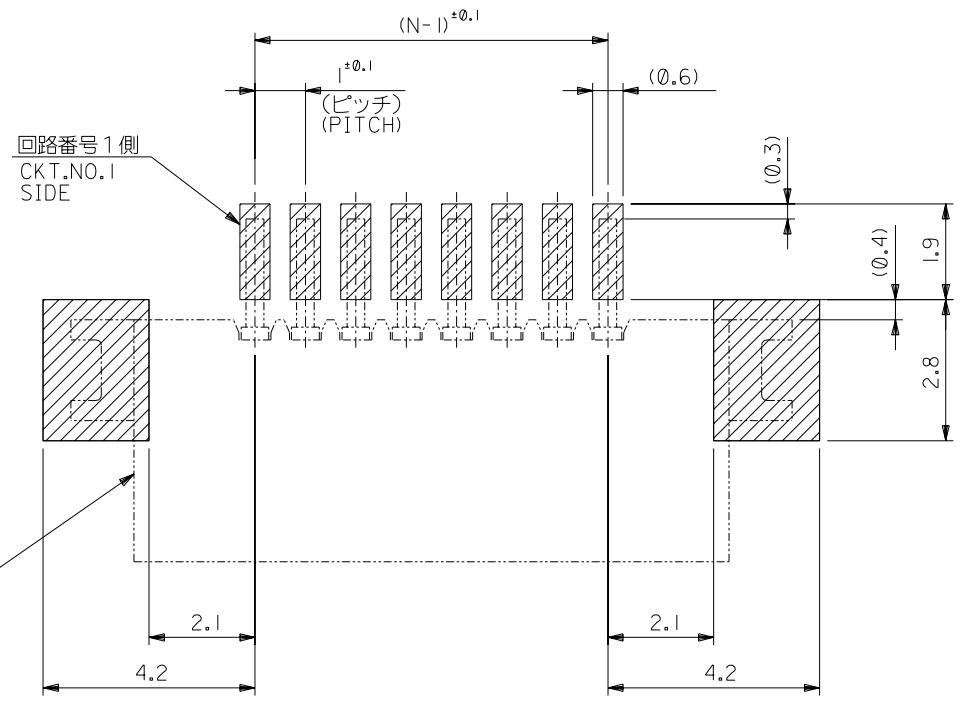
DWG. NO. SD-52793-011
F
D
V
C
B
DO NOT SCALE DRAWING



(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 からのもルダ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		
				0	FINISH 仕上げ	注記参照 SEE NOTES	10 OVER 以上	±0.25	DRAWN BY & DATE H.KAWABATA '03/12/09 CHECKED BY & DATE K.TOJO '03/12/09 APPROVED BY & DATE M. Sasaki '03/12/09 CAD FILENAME SD-52793-011.S02	TITLE: 1.0 FFC CONN. NON ZIF SMT R/A (UPPER CONTACT) -LEAD FREE- MOLEX INCORPORATED	MATERIAL NO. 52793-**19	DRAWING NO. SD-52793-011	SHEET NO. 2 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	SIZE B
					WIRE RANGE 適用電線範囲		30 OVER 以上	±0.3							
					INS. RANGE 被覆外径		ANGLE 角度	±3°							

10 9 8 7 6 5 4 3 2 1

F

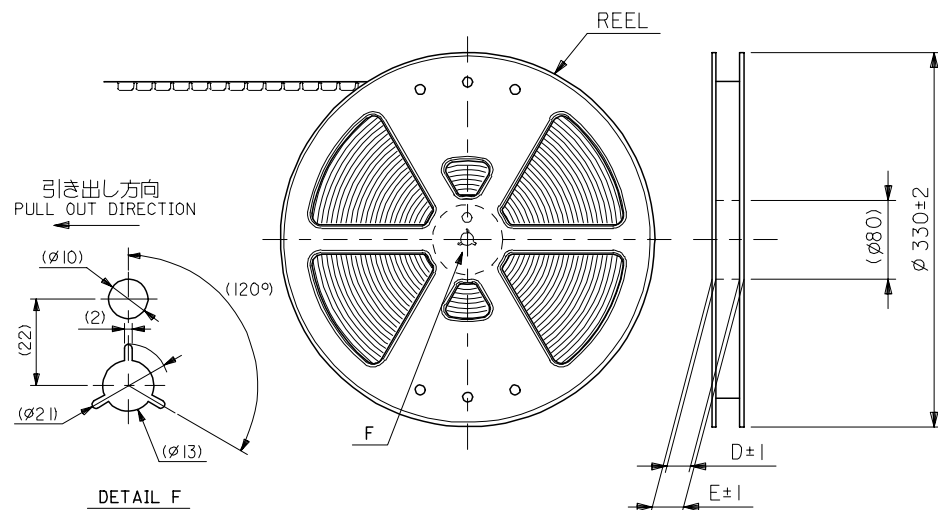
E

D

C

B

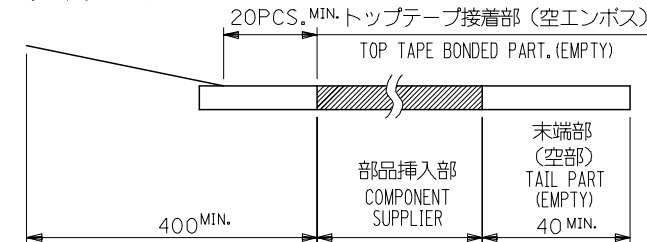
A



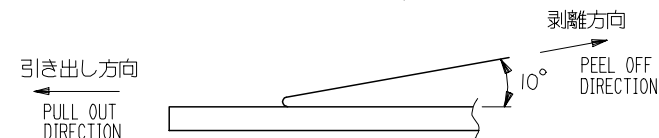
NOTES

- 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



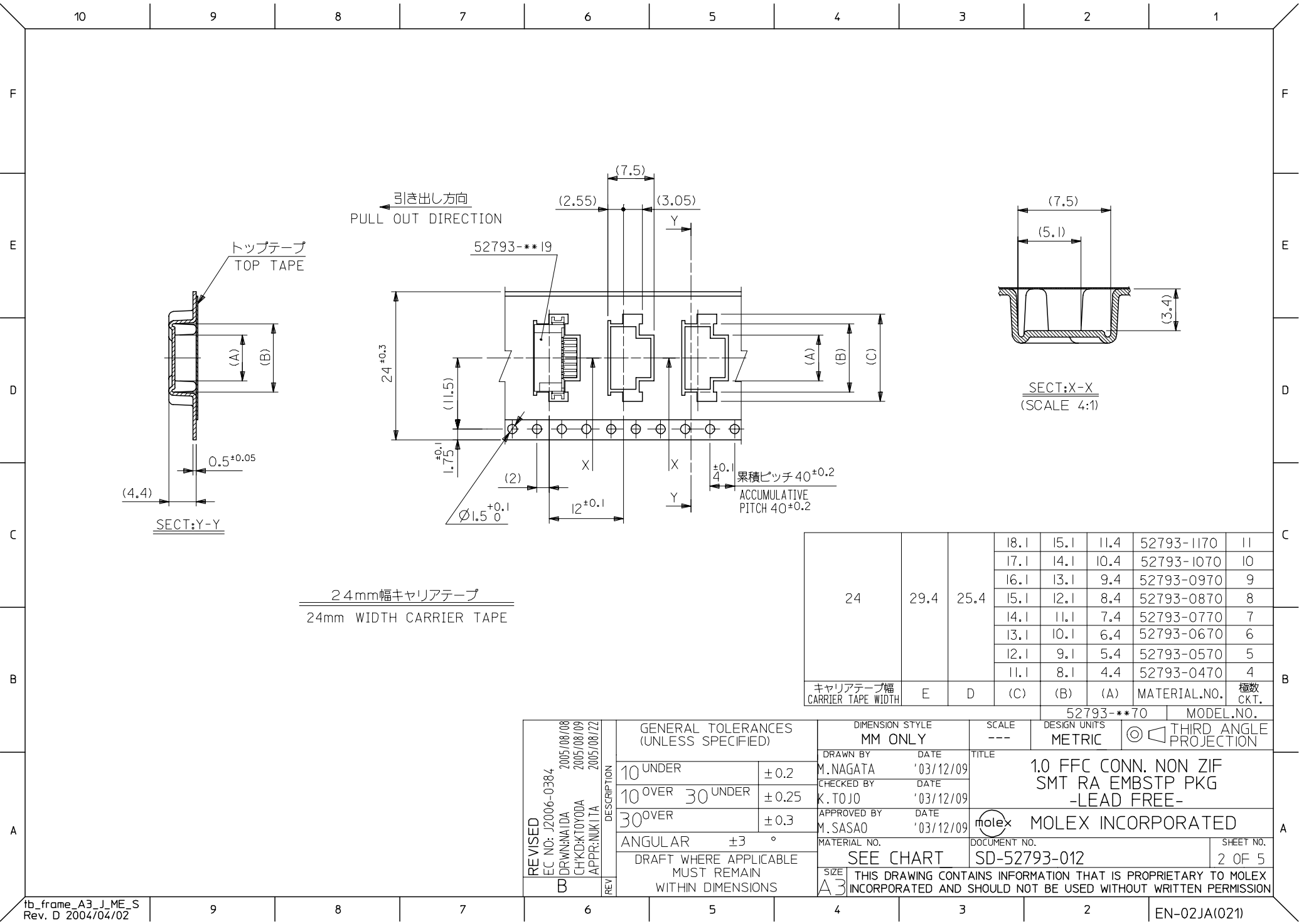
- トップテープの剥離強度: 0.1-1.3 N(10-130gf) (剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1-1.3 N(10-130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



- 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.

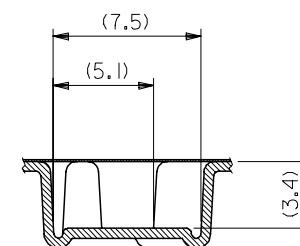
REVISED	EC NO: J2006-0384	DRAWN BY DAIWANAIDA	2005/08/08	2005/08/09	CHKD BY TOYODA	2005/08/10	APPR: NUKITA	2005/08/22	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
										10 UNDER	± 0.2	DRAWN BY M. NAGATA	DATE '03/12/09	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
24mm WIDTH CARRIER TAPE

24	29.4	25.4	18.1	15.1	11.4	52793-1170	11
			17.1	14.1	10.4	52793-1070	10
			16.1	13.1	9.4	52793-0970	9
			15.1	12.1	8.4	52793-0870	8
			14.1	11.1	7.4	52793-0770	7
			13.1	10.1	6.4	52793-0670	6
			12.1	9.1	5.4	52793-0570	5
			11.1	8.1	4.4	52793-0470	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL.NO.	極数 CKT.

REVISED EC NO: J2006-0384 DRWN: AIDA CHKD: KTOY00A APPR: NUKITA 2005/08/08 2005/08/09 2005/08/22 B	DESCRIPTION REV	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		2 OF 5		
				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

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

