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Part Number:

0527933070

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch Right Angle, SMT, Non-ZIF, Top Contact Style, 30 Circuits, Lead-free

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

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)

30

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

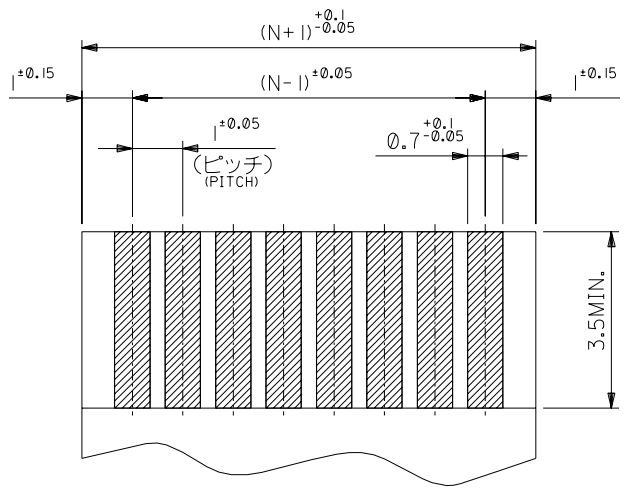
Sales Drawing

SD-52793-011, SD-52793-012

This document was generated on 06/05/2010

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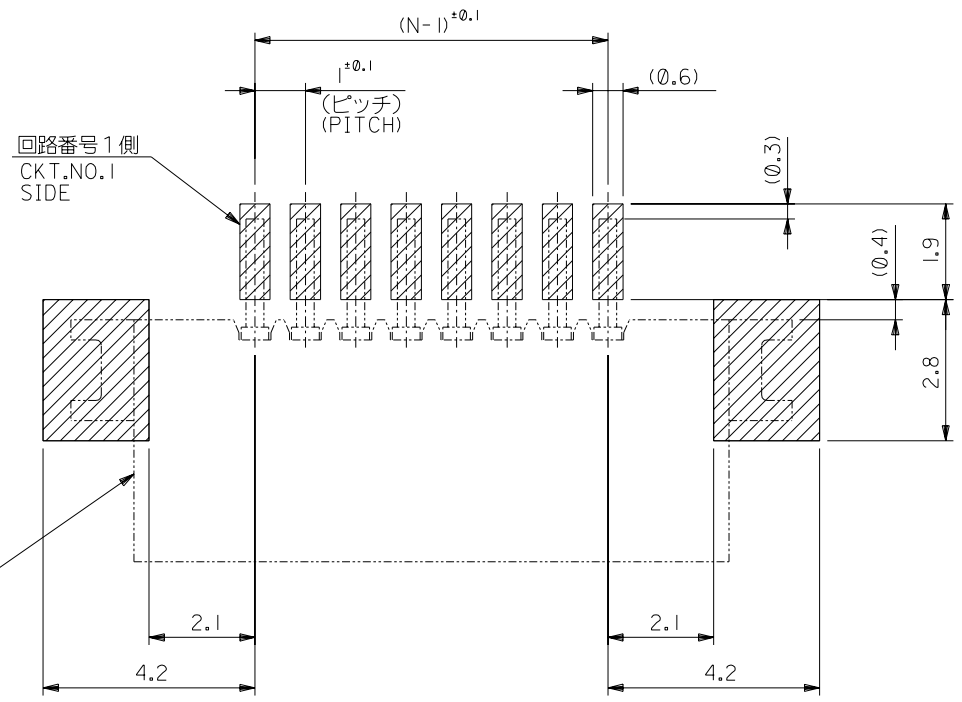
8 7 6 5 4 3 2 1



(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		ANGLE 角度								

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. Sasaki '03/12/09				MATERIAL NO. SD-52793-011			
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

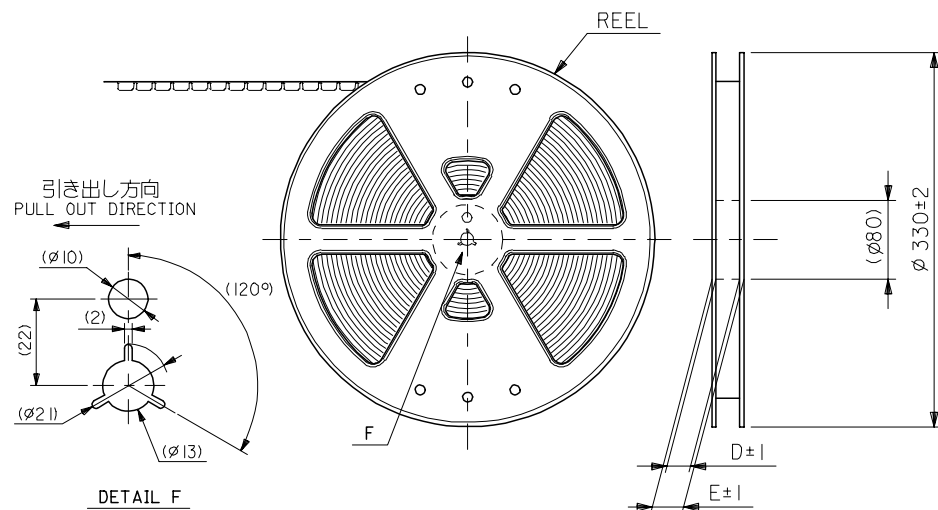
E

D

C

B

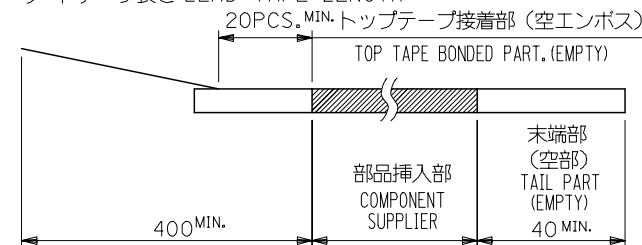
A



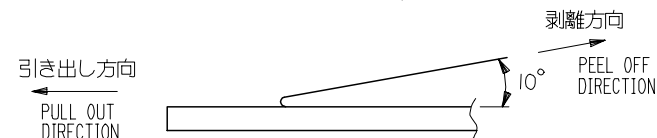
NOTES

- 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



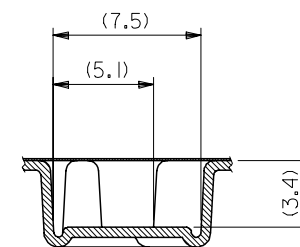
- トップテープの剥離強度: 0.1-1.3 N(10-130gf) (剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1-1.3 N(10-130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



- 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.

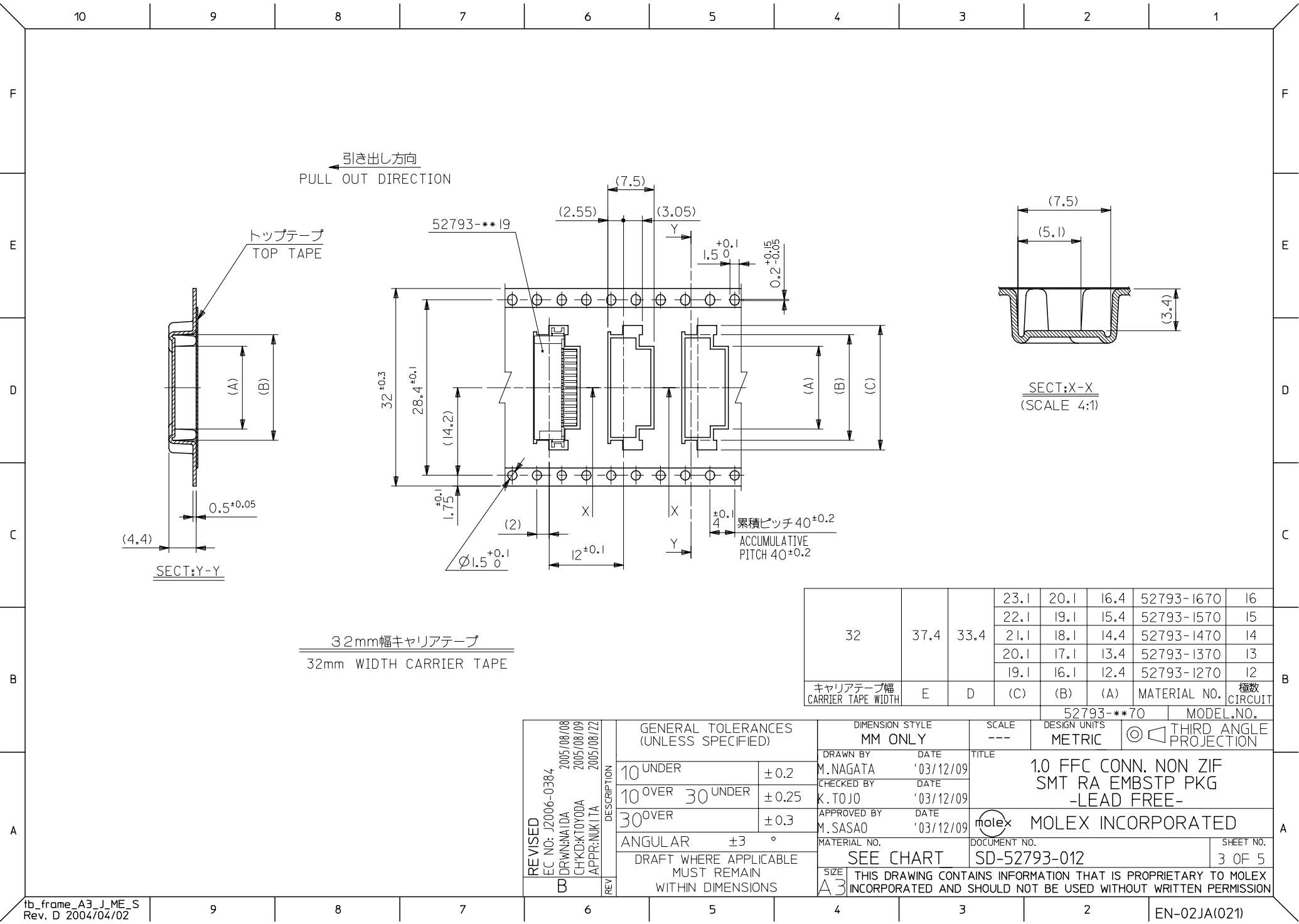
REVISED	EC NO: J2006-0384	DRAWN BY DAIWANAIDA	2005/08/08	CHECKED BY CHIKAKI TOYODA	2005/08/09	APPR: NUKITA	2005/08/22	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
									10 UNDER	± 0.2	DRAWN BY M. NAGATA	DATE '03/12/09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

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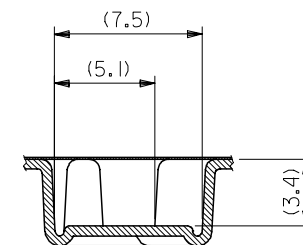
tb_frame_A3_J_ME_S
Rev. D 2004/04/02



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 DRWN: AIDA 2005/08/09 CHKD: KTOY00A 2005/08/22 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.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-012		3 OF 5	
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



EN-02JA(021)

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