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Part Number: 0545502671
Status: Active
Overview: ffc_fpc_smt
Description: 0.50mm (.020") Pitch FFC/FPC Connector, 1.20mm (.047") Height, Right Angle, SMT, ZIF, Top Contact Style, 26 Circuits, Lead-free, Gold Contact Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-54550-012 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family FFC/FPC Connectors
Series 54550
Overview ffc_fpc_smt
Product Name N/A

Physical

Circuits (Loaded) 26
Contact Position Top
Durability (mating cycles max) 20
Entry Angle 90° Angle
Mated Height (in) 0.047 In
Mated Height (mm) 1.20 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface (in) 0.020 In
Pitch - Mating Interface (mm) 0.50 mm
Polarized to PCB Yes
Stackable No
Temperature Range - Operating -20°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FFC/FPC

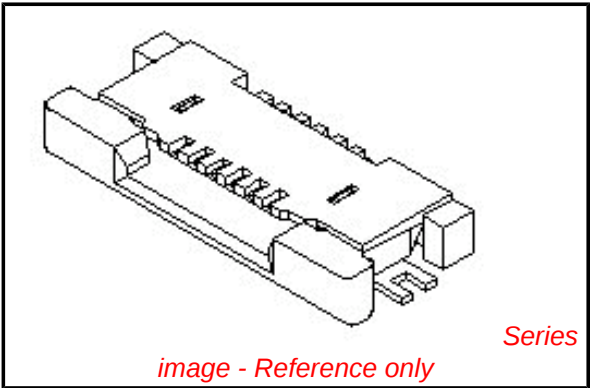
Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-54550-056
Product Specification PS-54550-012, RPS-54550-088, RPS-54550-089, RPS-54550-090
Sales Drawing SD-54550-042, SD-54550-043



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

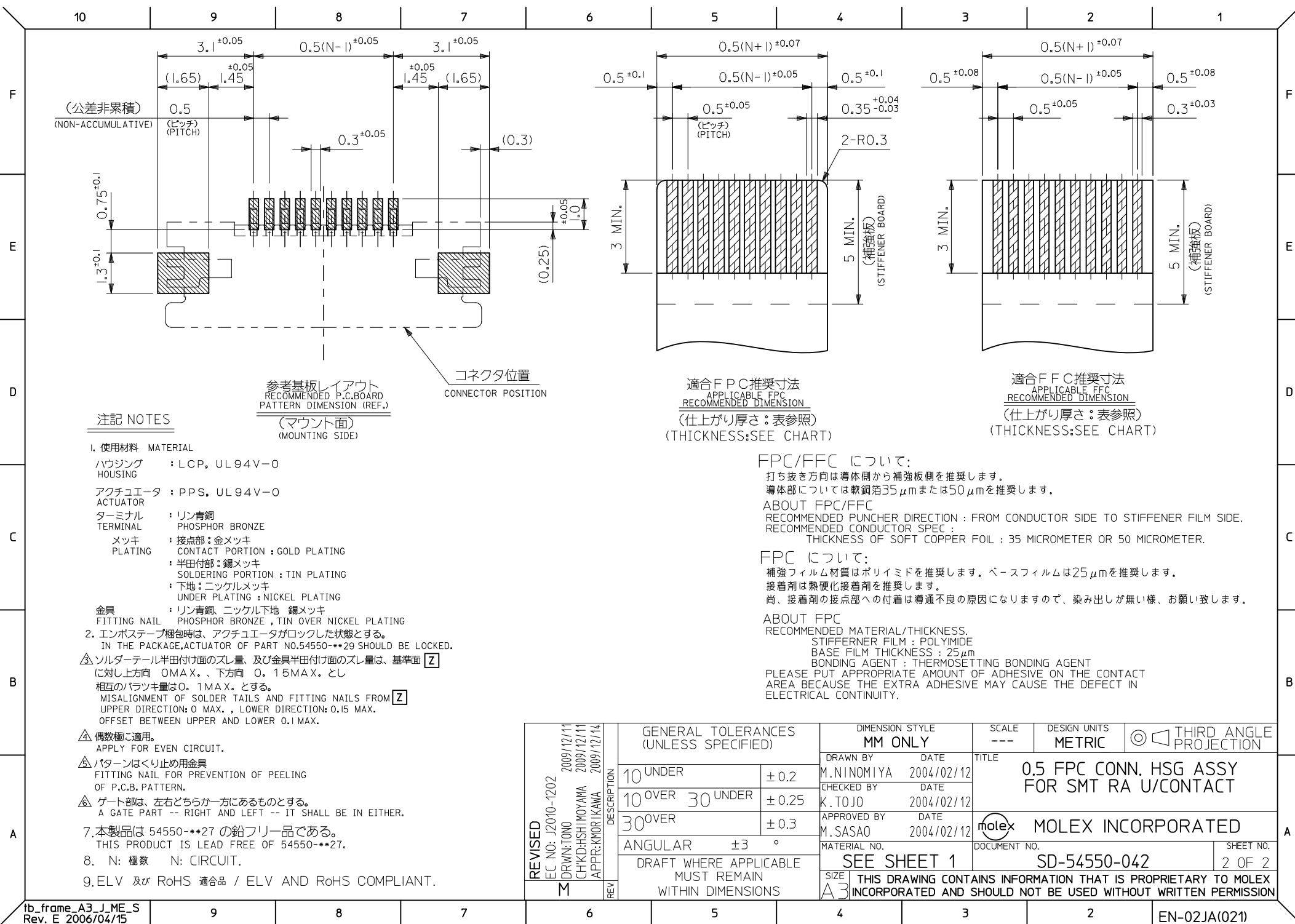


Need more information on product environmental compliance?

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

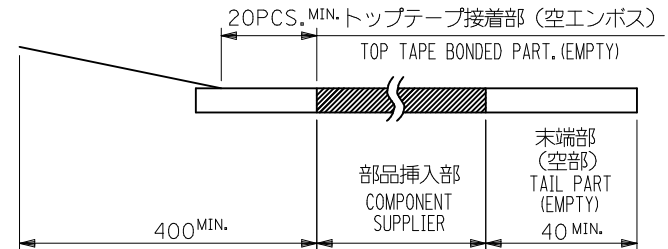
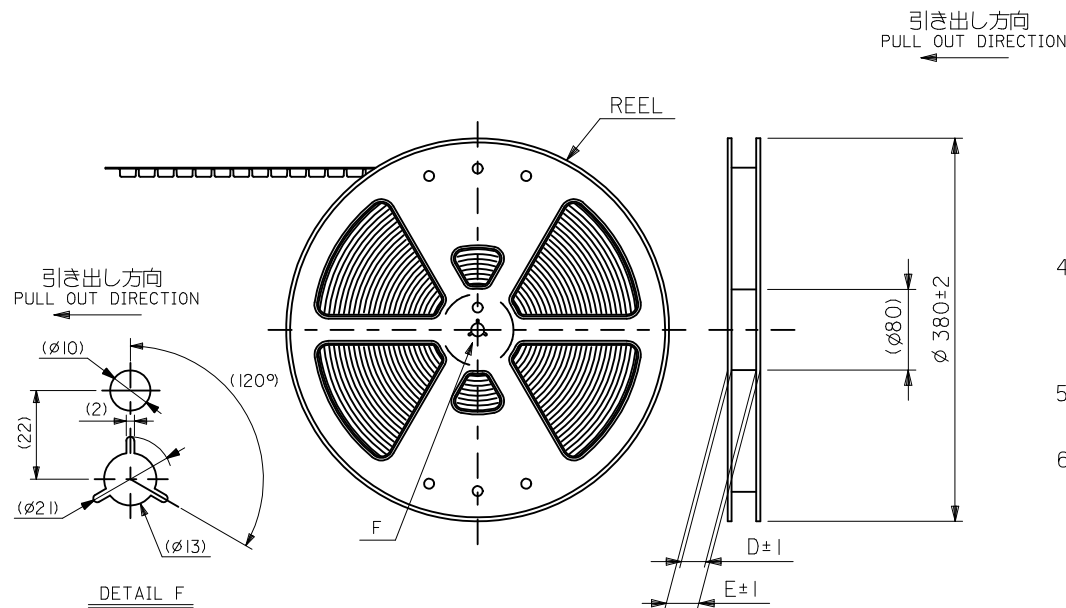
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
54550Series



NOTES

- 製品詳細寸法については図面 SD-54550-042 を参照下さい。
RE DETAILED DIMENSION, SEE SD-54550-042.
- 梱包数量：3000個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

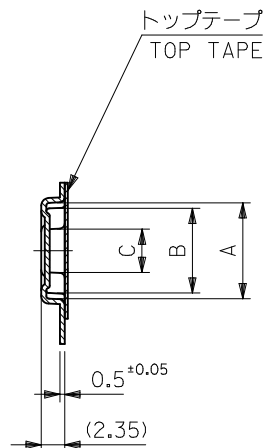


- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (P.S) <リサイクル材を含む>
POLYSTYRENE (P.S) <RECYCLE MATERIAL CONTAINED>
- 本製品は 54550-**9I の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54550-**9I.
- ELV 及び RoHS 適合品 / ELV AND RoHS COMPLIANT.

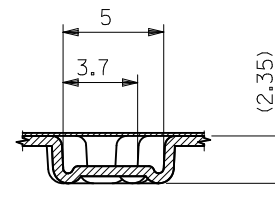
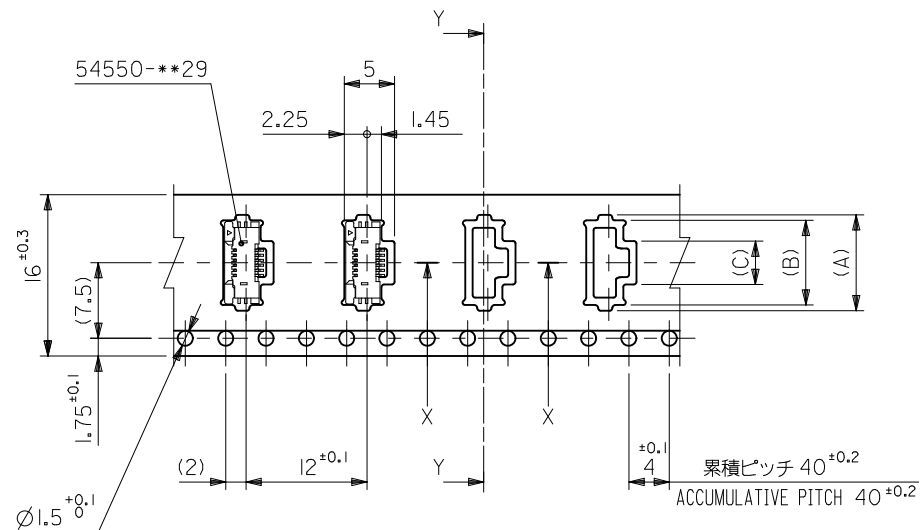
REVISED EC NO: J2010-1202 DRWN: TONO 2009/12/11 CHKD: FSHIMIZU 2009/12/11 APPR: KMORI KAWA 2009/12/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NINOMIYA	DATE 2004/02/12	TITLE EMBSTP PKG FOR 0.5 FPC CONN ZIF UPR CONT				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/02/12					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/02/12	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1 OR 2		SD-54550-043				1 OF 3	
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1

引き出し方向
PULL OUT DIRECTION



SECT. Y-Y

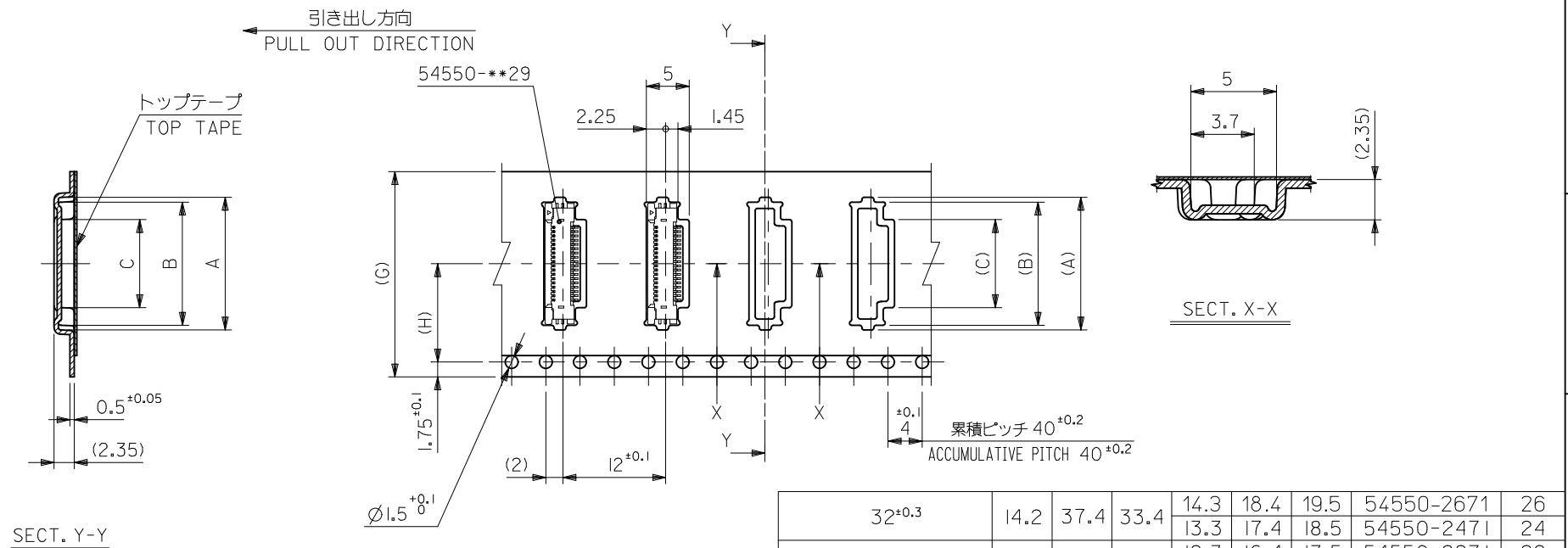


SECT. X-X

16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

16	21.4	17.4	4.3	8.4	9.5	54550-0671	6
			3.8	7.9	9	54550-0571	5
			3.3	7.4	8.5	54550-0471	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	製品番号 MATERIAL No.	極数 Ckt

REVISED EC NO: J2010-1202 DRWN: TONO CHKD: SHIMOYAMA APPR: KMORIKAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NINOMIYA	DATE 2004/02/12	TITLE EMBSTP PKG FOR 0.5 FPC CONN ZIF UPR CONT				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/02/12					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/02/12	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54550-043			2 OF 3	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



SECT. Y-Y

24, 32mm幅キャリアテープ
24mm, 32mm WIDTH CARRIER TAPE

32 ^{+0.3}	14.2	37.4	33.4	14.3	18.4	19.5	54550-2671	26
				13.3	17.4	18.5	54550-2471	24
24 ^{+0.3}	11.5	29.4	25.4	12.3	16.4	17.5	54550-2271	22
				11.8	15.9	17	54550-2171	21
				11.3	15.4	16.5	54550-2071	20
				10.8	14.9	16	54550-1971	19
				10.3	14.4	15.5	54550-1871	18
				9.8	13.9	15	54550-1771	17
				9.3	13.4	14.5	54550-1671	16
				8.3	12.4	13.5	54550-1471	14
				7.8	11.9	13	54550-1371	13
				7.3	11.4	12.5	54550-1271	12
				6.8	10.9	12	54550-1171	11
				6.3	10.4	11.5	54550-1071	10
				5.8	9.9	11	54550-0971	9
				5.3	9.4	10.5	54550-0871	8
4.8	8.9	10	54550-0771	7				
G キャリアテープ幅 CARRIER TAPE WIDTH	H	E	D	(C)	(B)	(A)	製品番号 MATERIAL No.	極数 Ck+

REVISED
EC NO: J2010-1202
DRWN: TONO
CHKD: SHIMOMIYAMA
APPR: KMORI KAWA

2009/12/11
2009/12/11
2009/12/14

DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)
10 UNDER ±0.2
10 OVER 30 UNDER ±0.25
30 OVER ±0.3
ANGULAR ±3 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY
M. NINOMIYA
CHECKED BY
K. TOJO
APPROVED BY
M. SASAO
MATERIAL NO.
SEE TABLE
SIZE
A3

DATE
2004/02/12
2004/02/12
2004/02/12

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

EMBSTP PKG FOR 0.5 FPC
CONN ZIF UPR CONT

MOLEX INCORPORATED

SD-54550-043

3 OF 3

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