

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0545502471
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, 24 Circuits, Lead-free, Gold Contact Plating

Documents:

3D Model Product Specification PS-54550-012 (PDF)
Drawing (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) 24
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

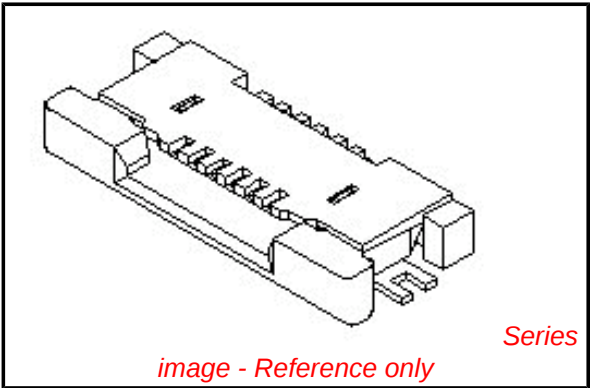
Electrical

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-54550-078, RPS-54550-080,
RPS-54550-083, 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

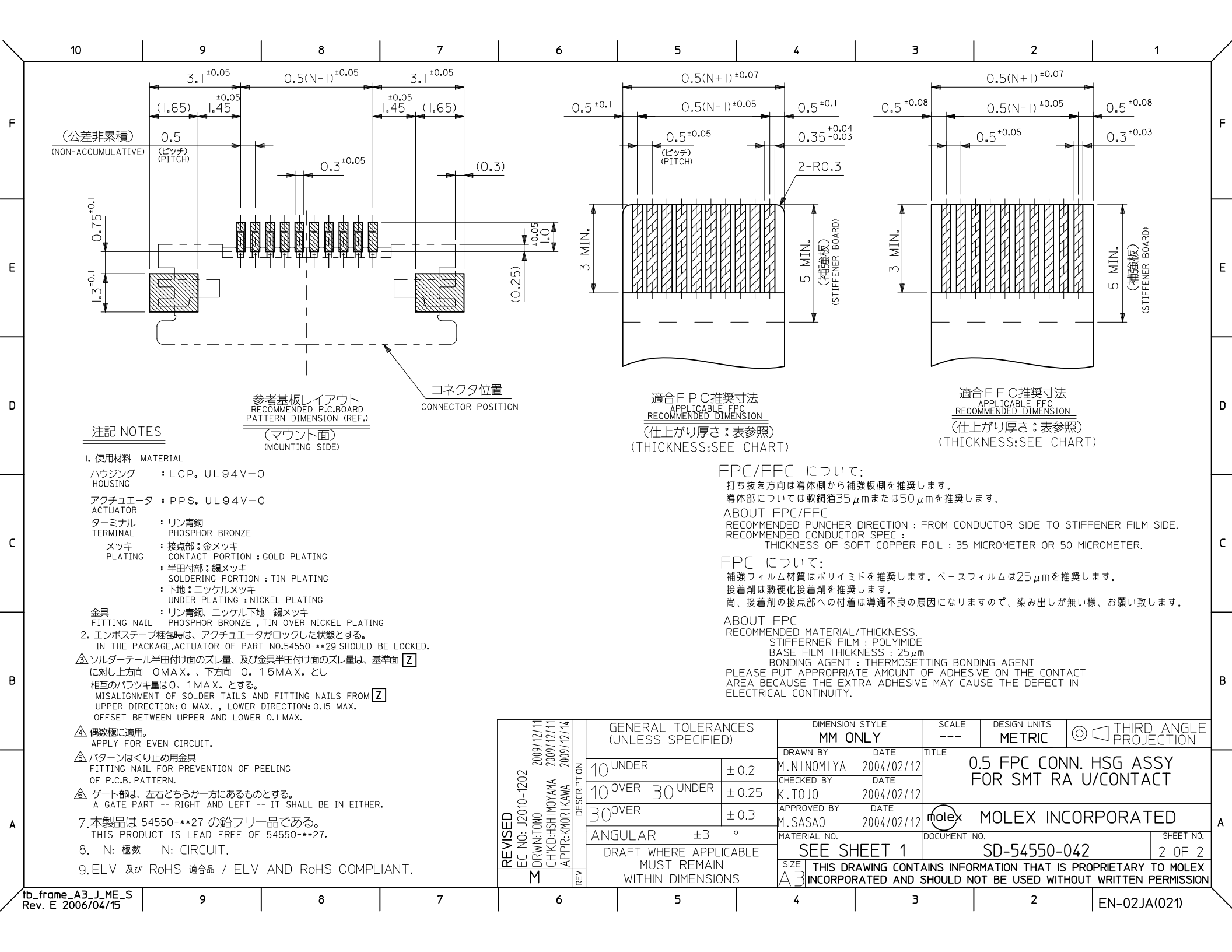


**Need more information on product
environmental compliance?**

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

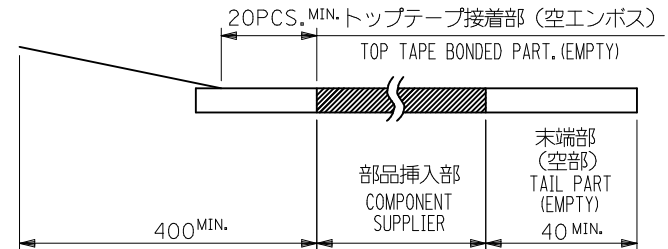
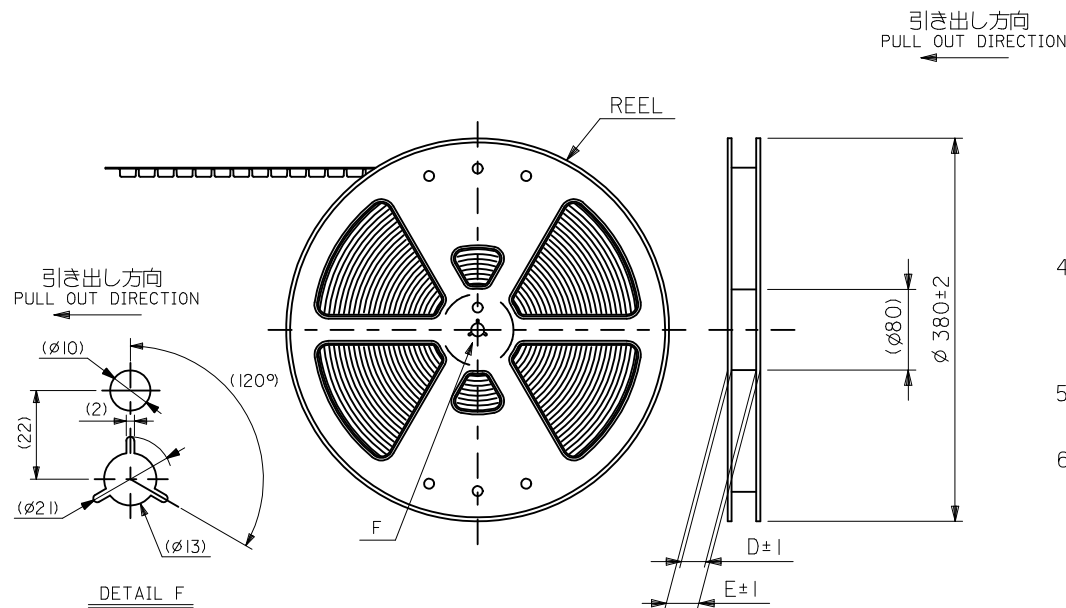
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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

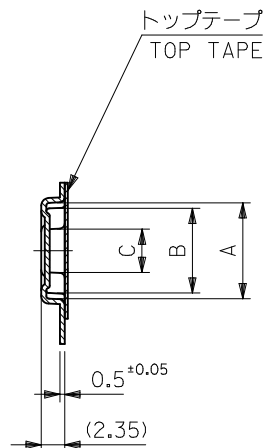


- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (P.S) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- 本製品は 54550-**9I の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54550-**9I.
- ELV 及び RoHS 適合品 / ELV AND RoHS COMPLIANT.

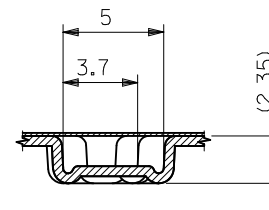
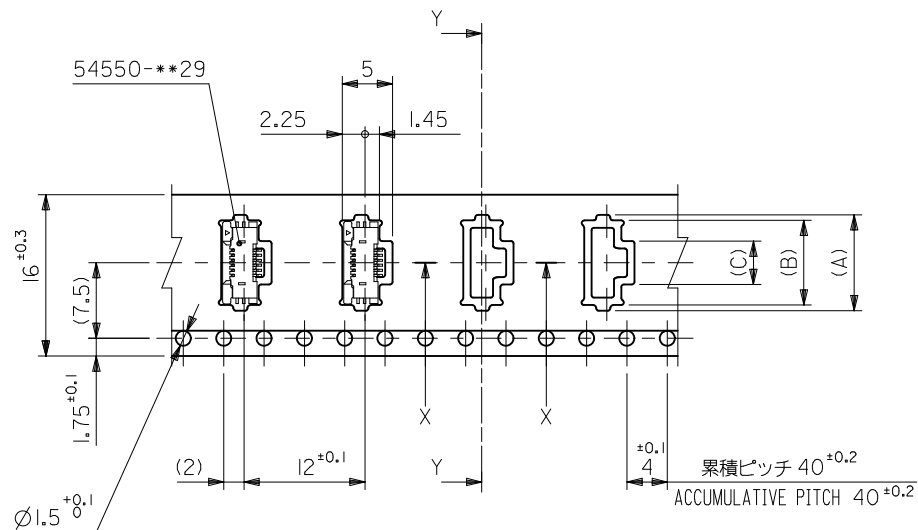
REVISED	EC NO: J2010-1202 DRWN: TONO 2009/12/11 CHKD: HSHIMIZU 2009/12/11 APPR: KMORI KAWA 2009/12/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			10 UNDER	± 0.2	DRAWN BY M. NINOMIYA	DATE 2004/02/12	TITLE EMBSTP PKG 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.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1 OR 2		SD-54550-043		1 OF 3
REV			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

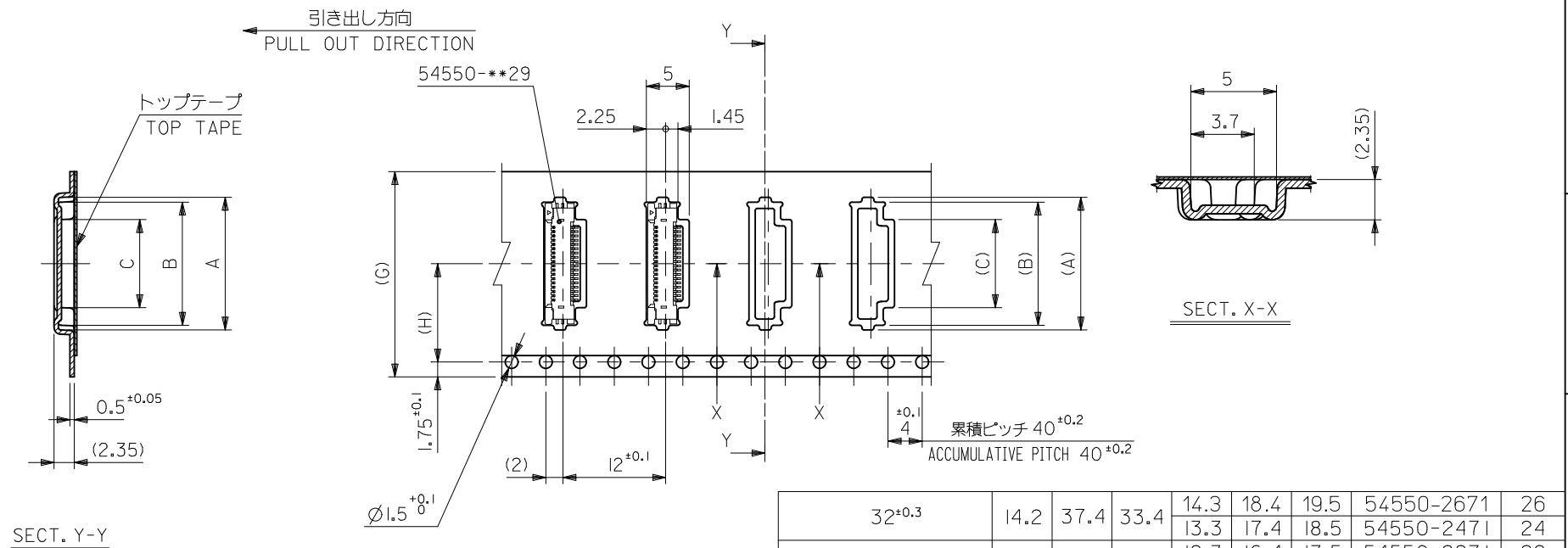


SECT. X-X

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: SHIMOMIYAMA APPR: KIMORI KAWA	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								



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

24 ^{+0.3}	11.5	29.4	25.4	14.3	18.4	19.5	54550-2671	26
				13.3	17.4	18.5	54550-2471	24
				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
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+
				4.8	8.9	10	54550-0771	7
				5.3	9.4	10.5	54550-0871	8
				5.8	9.9	11	54550-0971	9

REVISED

EC NO: J2010-1202

DRWN: TONO

CHKD: SHIMOMIYAMA

APPR: KMORI KAWA

2009/12/11

2009/12/11

2009/12/14

DESCRIPTION

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

DATE 2004/02/12

CHECKED BY K. TOJO

DATE 2004/02/12

APPROVED BY M. SASAO

DATE 2004/02/12

MATERIAL NO.

SEE TABLE

SIZE A3

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

EMBSTP PKG FOR 0.5 FPC

CONN ZIF UPR CONT

MOLEX INCORPORATED

SD-54550-043

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