

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0545501071](#)
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, 10 Circuits, Gold (Au) 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)	10
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

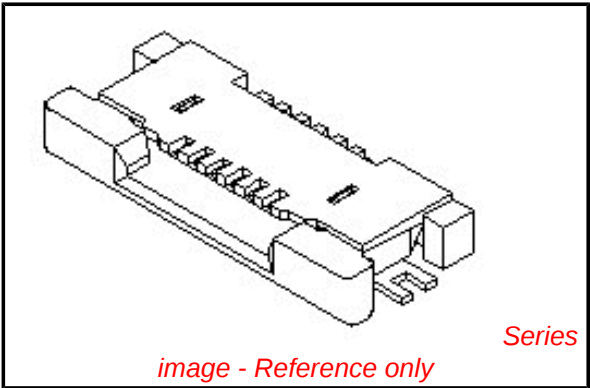
Electrical

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

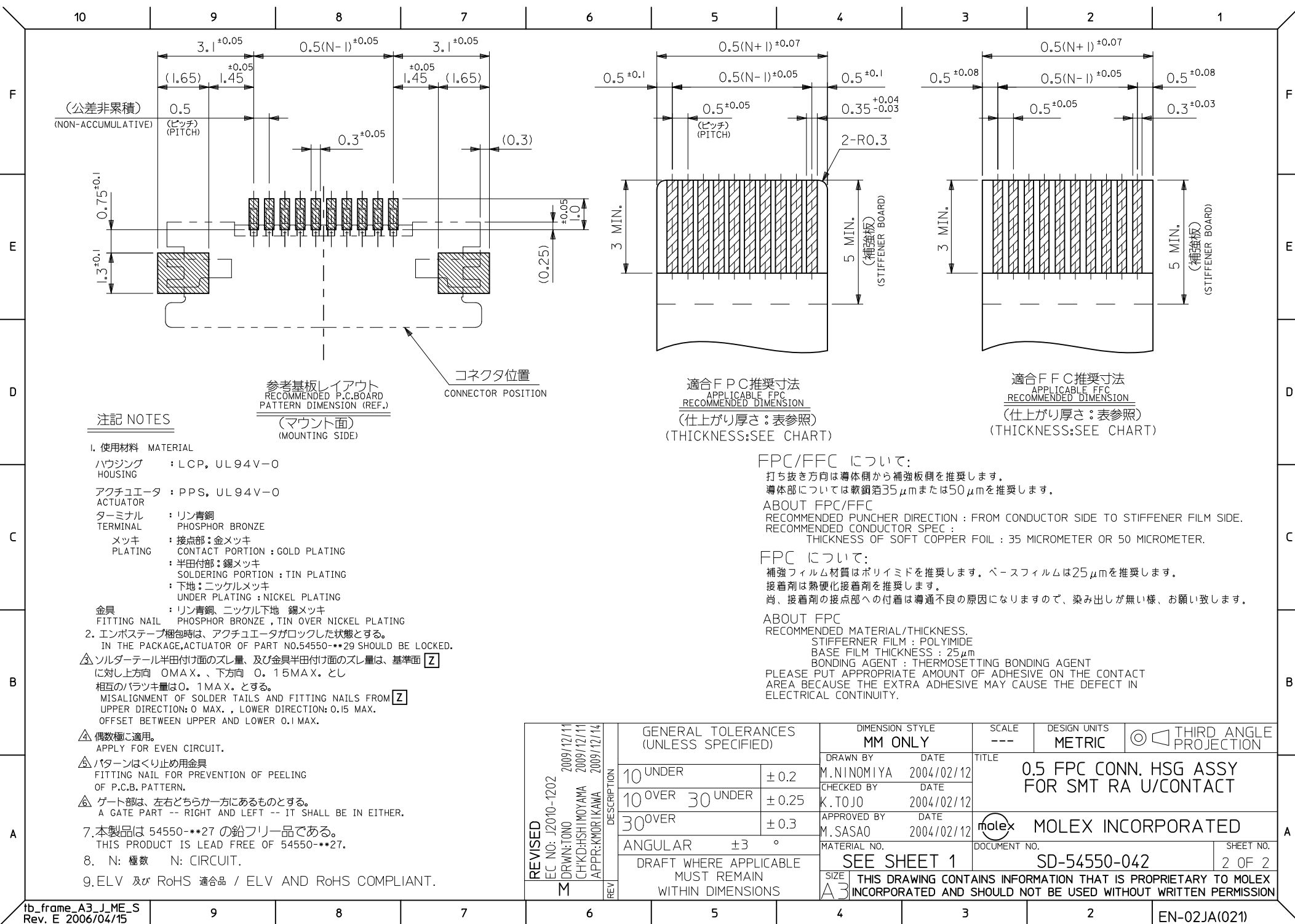


**Need more information on product
environmental compliance?**

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

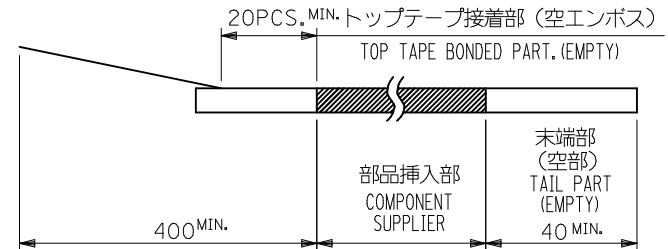
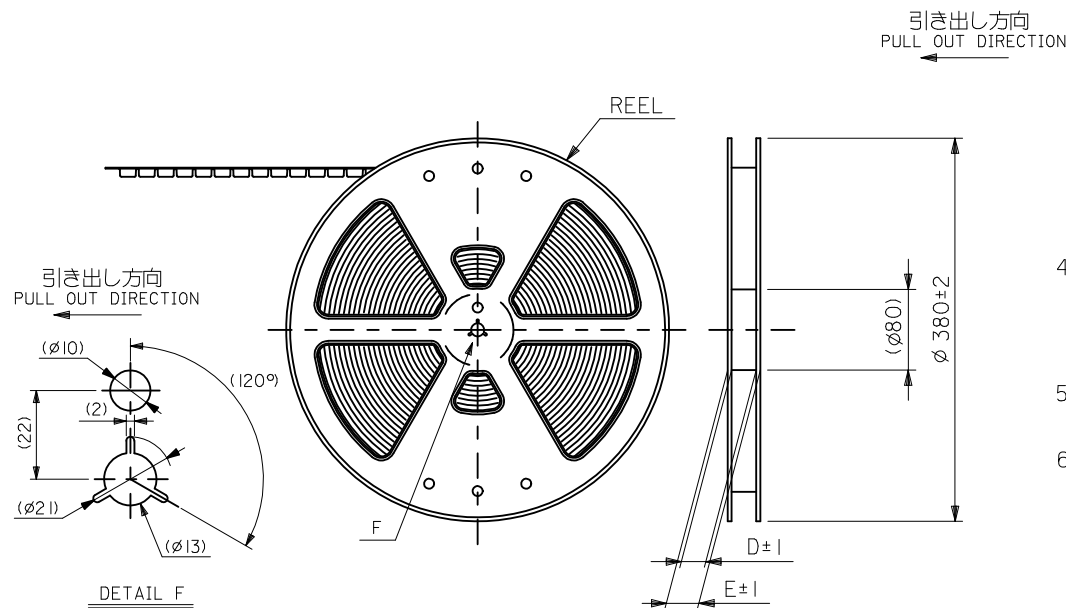
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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 (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: J2010-4202 DRWN:TONO CHKD:FSHIMOMAYA APPR:KMORIKAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
		10 UNDER	± 0.2	M.NINOMIYA	2004/02/12	TITLE EMBSTP PKG FOR 0.5 FPC CONN ZIF UPR CONT					
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE						
		30 OVER	± 0.3	K.TOJO	2004/02/12						
				APPROVED BY	DATE	 MOLEX INCORPORATED					
		ANGULAR	±3 °	M.SASAO	2004/02/12						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				SEE SHEET 1 OR 2		SD-54550-043		1 OF 3			
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		REV									

F

E

D

C

B

A

F

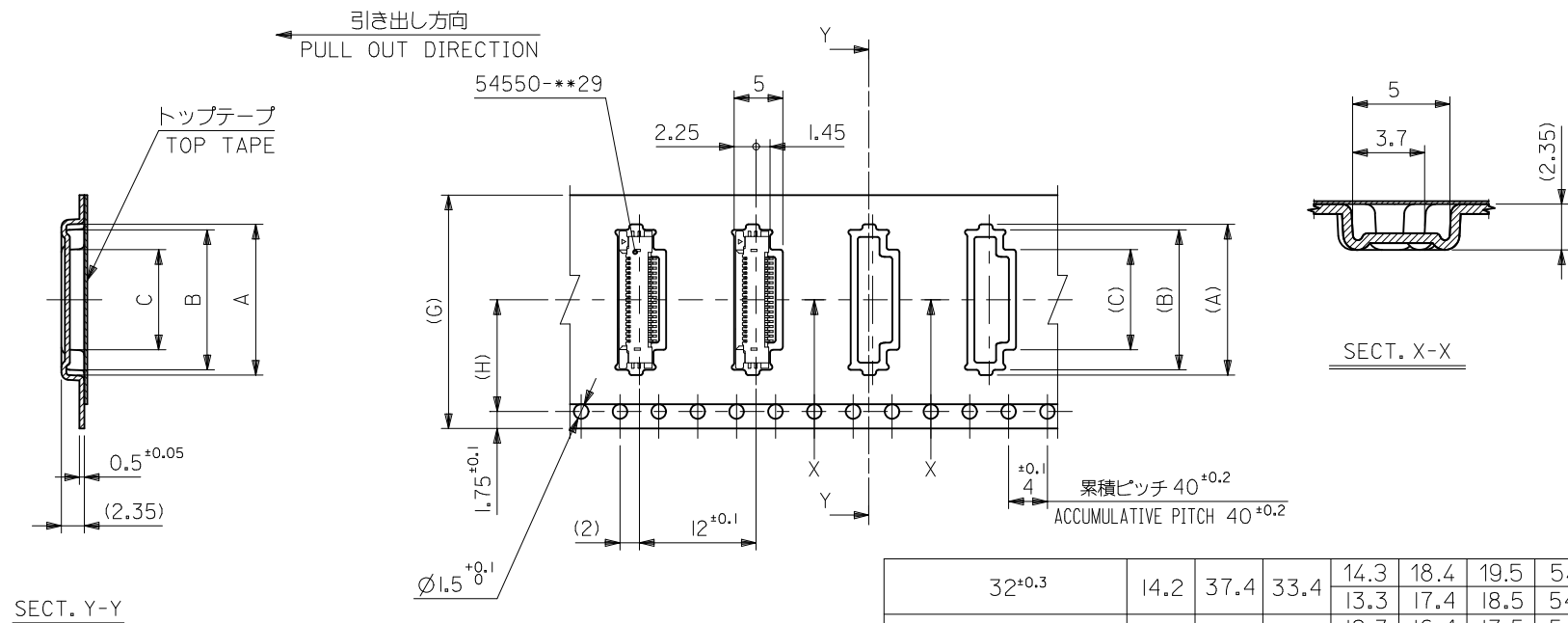
E

D

C

B

A



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

10 UNDER ±0.2

10 OVER 30 UNDER ±0.25

30 OVER ±0.3

ANGULAR ±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION STYLE MM ONLY

DRAWN BY M. NINOMIYA

CHECKED BY K. TOJO

APPROVED BY M. SASAO

MATERIAL NO.

DATE 2004/02/12

DATE 2004/02/12

DATE 2004/02/12

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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