

产品编号 : 541323662

系列号 : 54132

Product Category : FFC / FPC Connectors

**Product Description** : Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 36 Circuits, Gold Plating

状态 : Active

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## 文件和资源

### 图纸

图纸 541323662\_sd.pdf

### 3D 模型和设计文件

2D 图纸 DXF 541323662.dxf

2D 图纸 DXF PDF 541323662.pdf

3D模型 541323662\_stp.zip

### 规格


包装规格 SPK-54132-001-001.pdf

产品规格 PS-54132-061-001.pdf

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## 产物环境合规

### 合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### 多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen
  
- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

欧盟 RoHS 合格证书

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## 产品详情

### 常规

状态	活动
类别	FFC / FPC Connectors
系列	54132
说明	Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 36 Circuits, Gold Plating
产品系列	Slider
产品系列	Easy-On FFC FPC Connectors
产品名称	Easy-On
UPC	822348824892

### 机构

UL	E29179
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### 电气

每触点最大电流	0.5A
电压 - 最大	50V

### 物理

驱动器类型	Slider
回路数 (已载入)	36
颜色-树脂	Black, Natural
接触部位	底部
耐用性(插拔次数) - 最多次数	20
阻燃性	94V-0
插配长度	2.00mm
材料 - 金属	Phosphor Bronze
材料 - 接合部位电镀	金牌

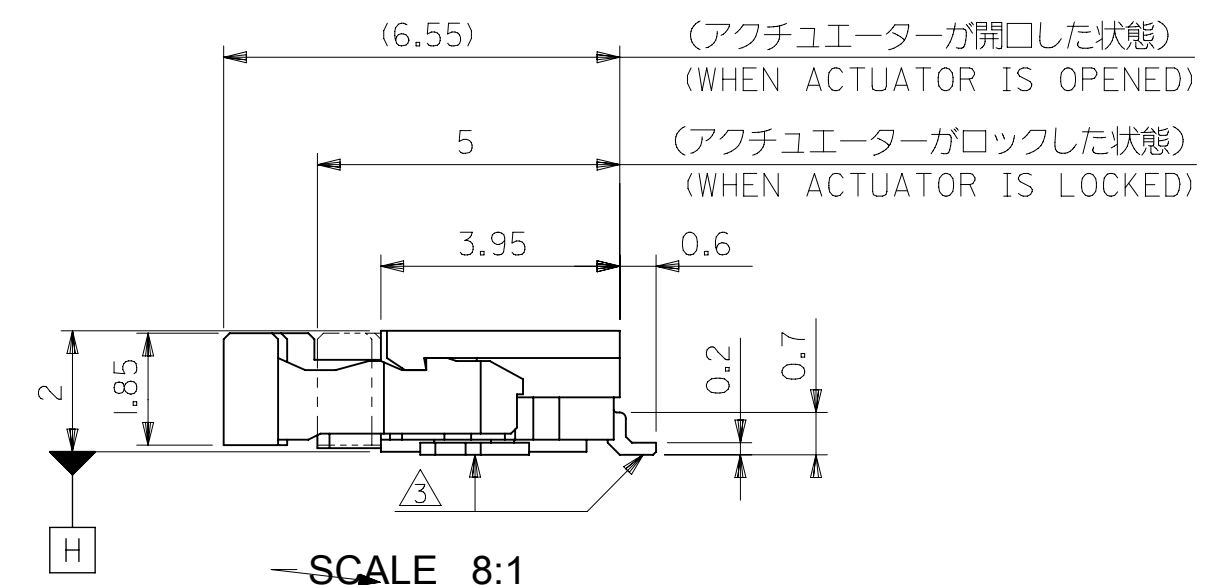
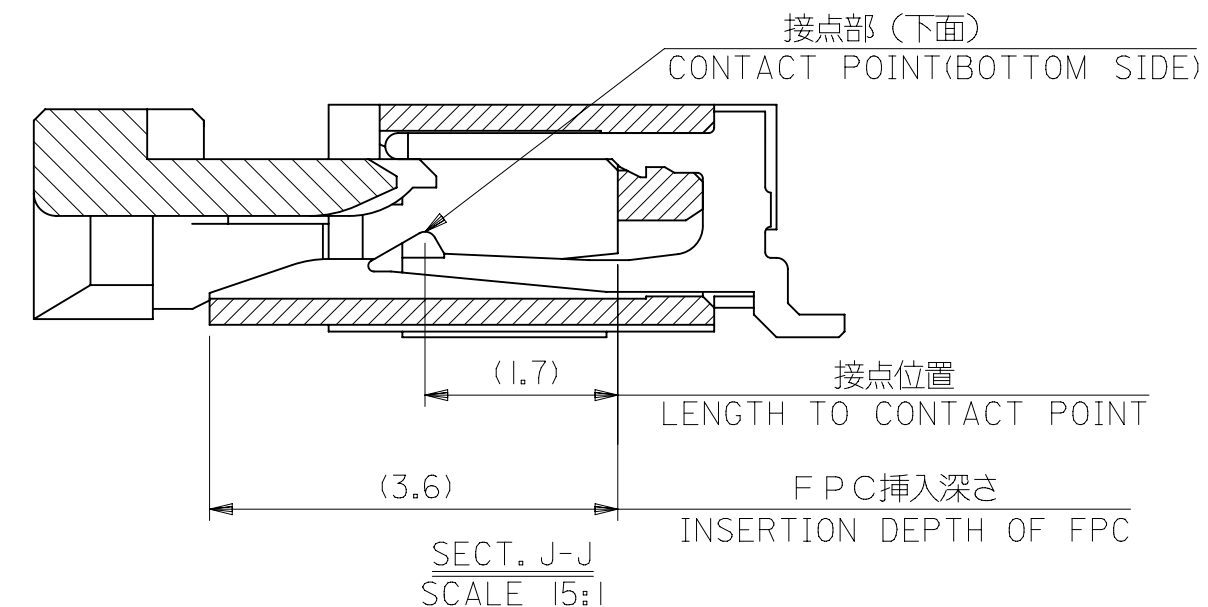
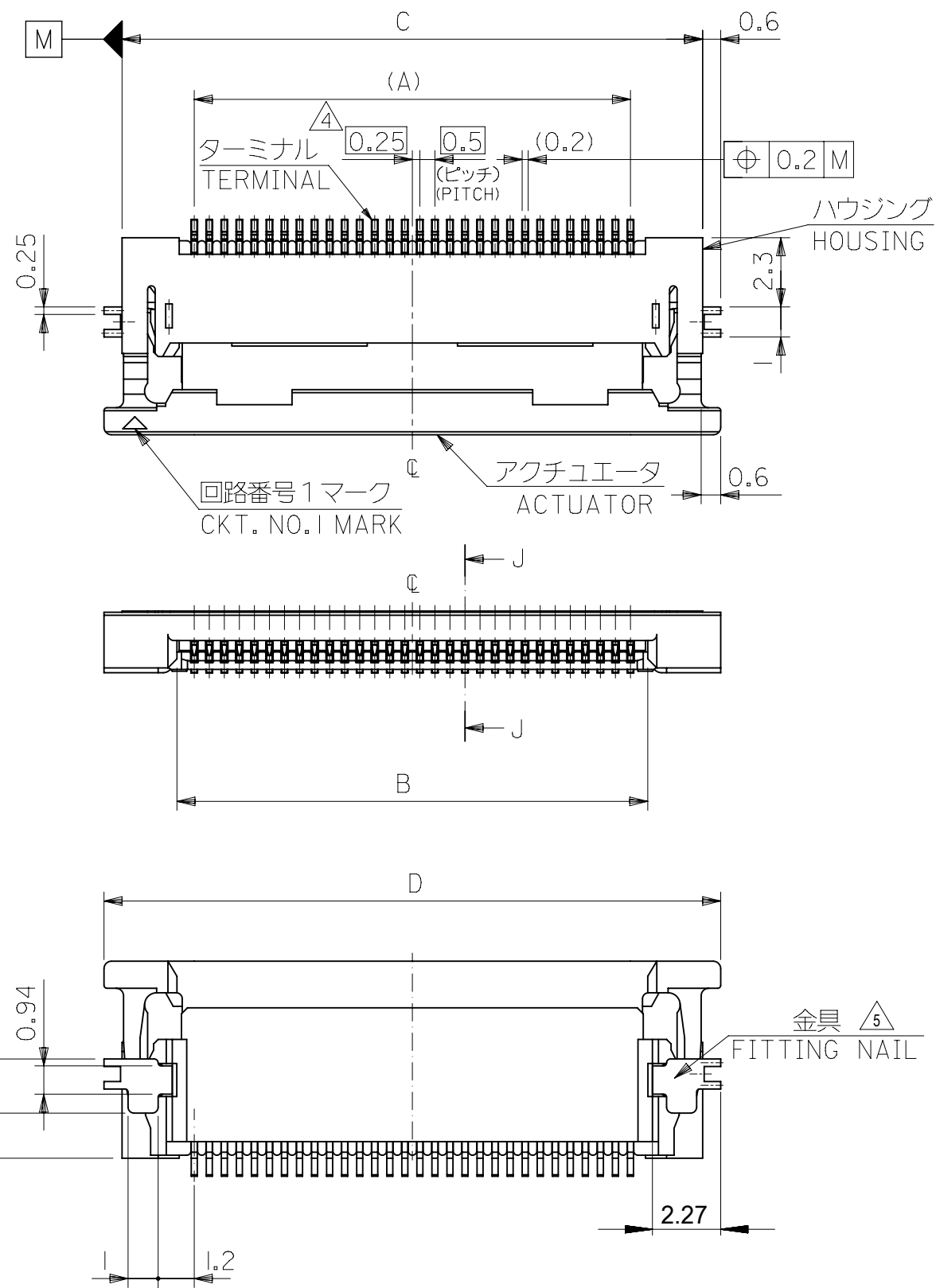
材料 - 终端电镀	金牌
材料 - 树脂	High Temperature Thermoplastic
净重	411.324/mg
方向	Right Angle
包装形式	Embossed Tape on Reel
PCB 定位器	否
PCB安装	Surface Mount
PCB 保持力	是
间距 - 插配接口	0.50mm
最薄镀层 - 接合部位	0.102µm
最薄镀层 - 端接	0.051µm
PCB 极性	是
可堆叠的	否
运行温度范围	-20° to +85° C
导线/电缆型号	FFC/FPC

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## 可配插/可连接使用的产品

### 可配插部件

描述	产品编号
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15020</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15120</u>



30.5	29.3	25.65	24.5	54132-5062	50
28.0	26.8	23.15	22.0	54132-4562	45
27.0	25.8	22.15	21.0	54132-4362	43
25.5	24.3	20.65	19.5	54132-4062	40
24.5	23.3	19.65	18.5	54132-3862	38
23.5	22.3	18.65	17.5	54132-3662	36
23.0	21.8	18.15	17.0	54132-3562	35
22.5	21.3	17.65	16.5	54132-3462	34
22.0	20.8	17.15	16.0	54132-3362	33
21.5	20.3	16.65	15.5	54132-3262	32
20.5	19.3	15.65	14.5	54132-3062	30
D	C	B	A	EMBOSSED TAPE	CKT.
ORDER No. オーダー番号					
CONNECTOR SERIES NO. : 54132-**68					

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	

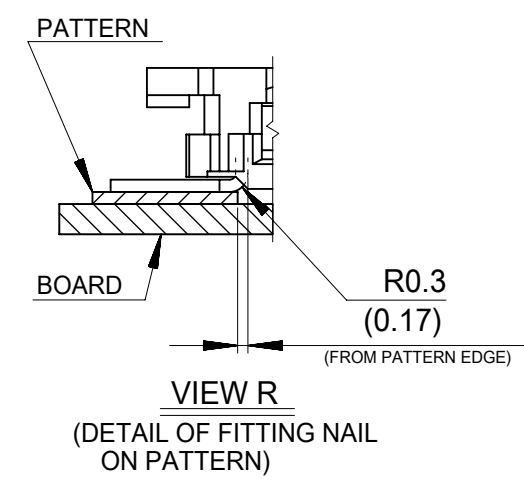
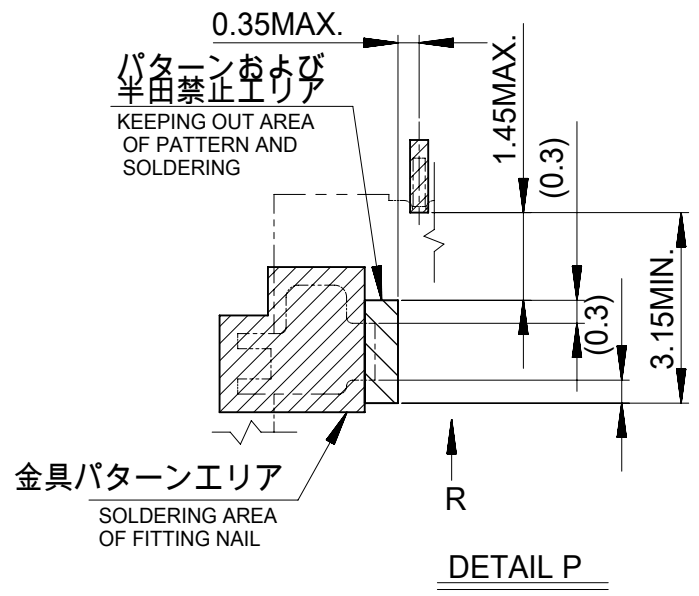
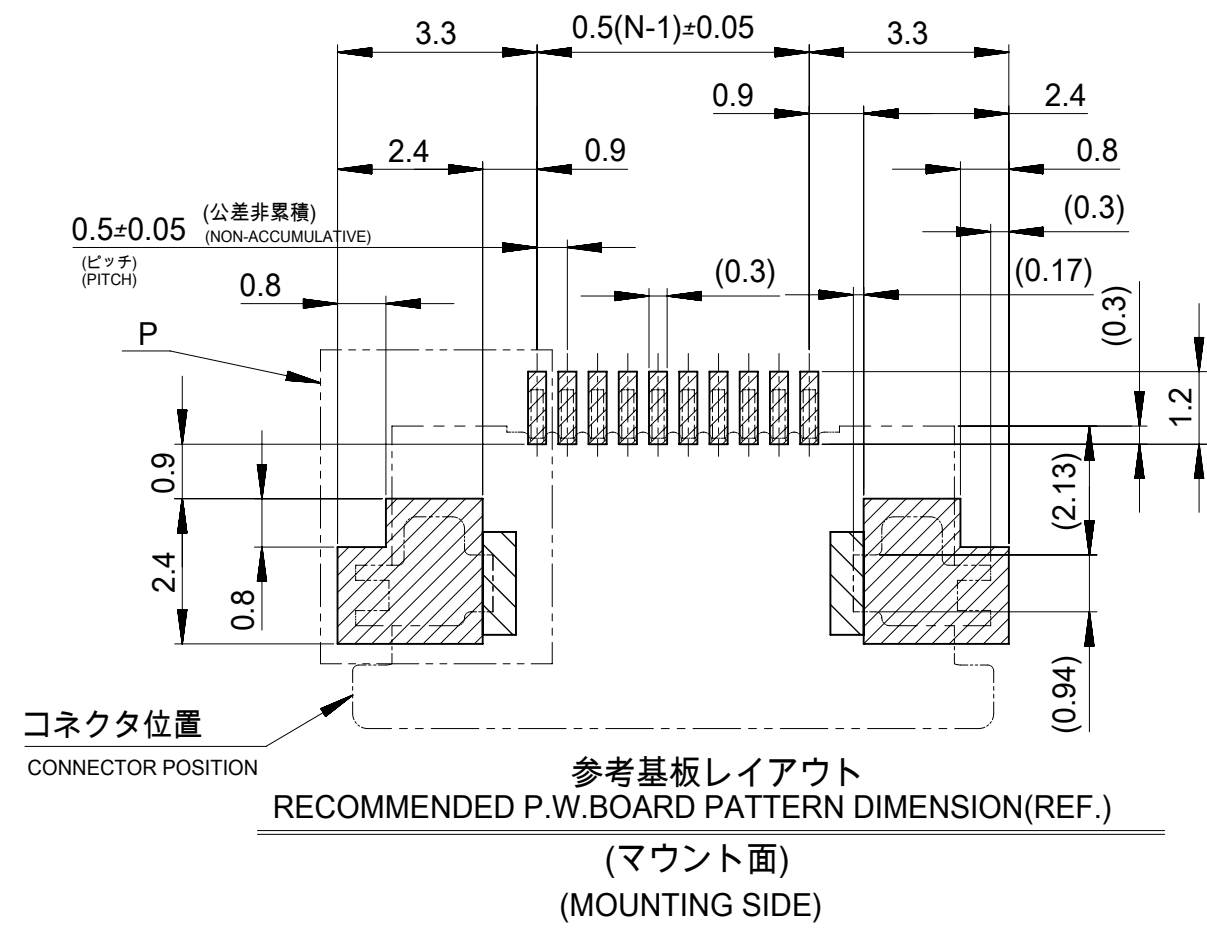
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC:	
mm	5:1	EC NO: 600082	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: YCHEN128	2018/03/02
ANGULAR TOL ± 3.0 °		CHK'D: KTAKAHASHI	2018/03/14
4 PLACES ± 0.2		APPR: NUKITA	2018/03/14
3 PLACES ± 0.25		INITIAL REVISION:	
2 PLACES ± 0.3		DRWN: MUMEDA	2004/10/08
1 PLACE ±		APPR: NUKITA	2004/10/14
0 PLACES ±		THIRD ANGLE PROJECTION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES
		A3-SIZE	54132

<b>molex</b>			
0.5 FPC CONN. ZIF SMT R/A BOTTOM CONTACT NI-BARRIER GOLD PLATING			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-54132-064	PSD	001	G
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE TABLE	GENERAL MARKET	1 OF 3	

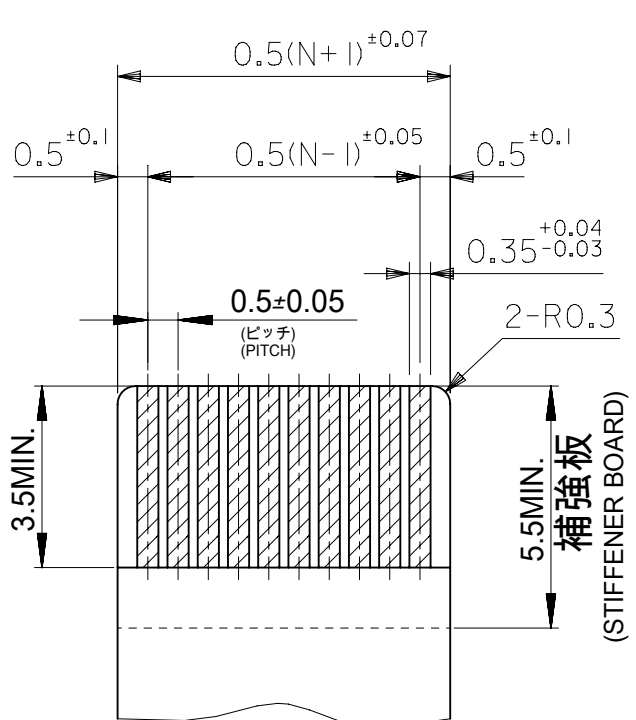
注記NOTES

- 1.使用材料 MATERIAL  
 ハウジング : 46ナイロン、ガラス充填、UL94V-0、白  
 HOUSING:PA46, GLASS FILLED, UL94V-0, WHITE  
 アクチュエータ : ポリフェニレンサルファイド ( PPS )、ガラス充填、UL94V-0、黒  
 ACTUATOR:POLYPHENYLENE SULFIDE, GLASS FILLED, UL94V-0, BLACK  
 ターミナル : リン青銅(t=0.2) 金メッキ 接触部 0.1 MICROMETER MINIMUM  
 テール部 0.05 MICROMETER MINIMUM  
 ニッケル下地 1.0 MICROMETER MINIMUM  
 TERMINAL PHOS-BRONZE GOLD-PLATING  
 CONTACT PORTION : 0.1 MICROMETER MINIMUM  
 TAIL PORTION : 0.05 MICROMETER MINIMUM  
 NICKEL PLATING : 1.0 MICROMETER MINIMUM  
 金具 : リン青銅(t=0.2) 錫メッキ 1.0~3.0 MICROMETER MINIMUM  
 ニッケル下地 1.0~3.0 MICROMETER MINIMUM  
 FITTING NAIL : PHOS-BRONZE TIN-PLATING 1.0~3.0 MICROMETER MINIMUM  
 OVER NICKEL 1.0~3.0 MICROMETER MINIMUM
- 2.エンボステープ梱包時はアクチュエータがロックした状態とする。  
 IN THE PACKAGE, ACTUATOR OF PART NO.54132-\*\*68 SHOULD BE LOCKED.
- 3.△ ソルダータール半田付け面のズレ量、および金具半田付け面のズレ量は基準面 H に対し上方向 0.1MAXIMUM、下方向 0.15MAXIMUMとする。  
 MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM DATUM-H  
 UPPER DIRECTION : 0.1MAXIMUM, LOWER DIRECTION : 0.15 MAXIMUM.
- 4.△ 偶数極に適用。  
 APPLY FOR EVEN CIRCUIT.
- 5.△ パターンはく離止め金具。  
 FITTING NAIL FOR PREVENTION OF PEELING OF P.W.BOARD PATTERN.
- 6.本製品は54132-\*\*61に対するニッケルバリア品になります。  
 THIS PRODUCT IS NICKEL-BARRIER OF 54132-\*\*61.
- 7.ELV & RoHS適合品。  
 ELV AND RoHS COMPLIANT.

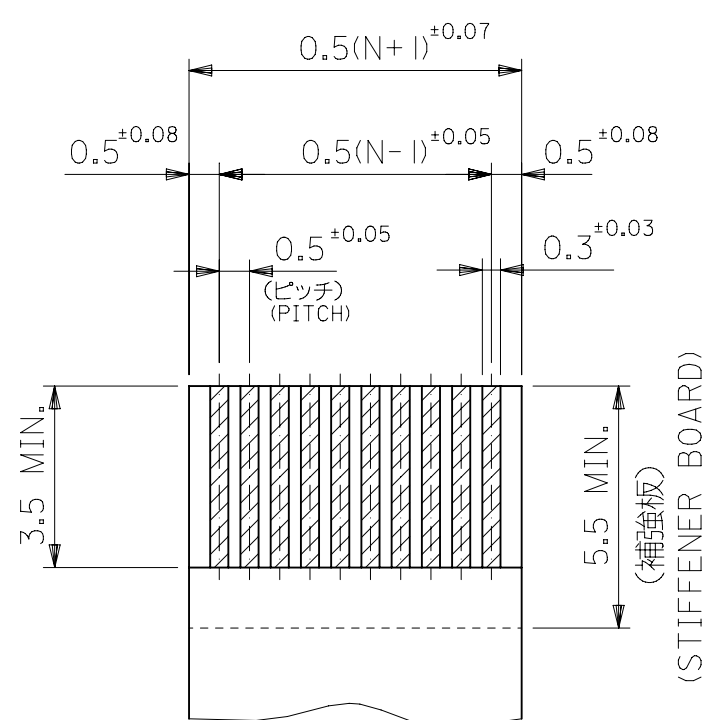


GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>	
DIMENSION UNITS	SCALE	EC NO: 600082			
mm	8:1	DRWN: YCHEN128 2018/03/02		R/A BOTTOM CONTACT NI-BARRIER GOLD PLATING	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: KTAKAHASHI 2018/03/14		PRODUCT CUSTOMER DRAWING	
ANGULAR TOL ± 30 °		APPR: NUKITA 2018/03/14		DOCUMENT NUMBER	
4 PLACES ± 0.2		INITIAL REVISION:		DOC TYPE	
3 PLACES ± 0.25		DRWN: MUMEDA 2004/10/08		DOC PART	
2 PLACES ± 0.3		APPR: NUKITA 2004/10/14		REVISION	
1 PLACE ±		SERIES		SD-54132-064	
0 PLACES ±		MATERIAL NUMBER		PSD 001 G	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		CUSTOMER	
		DRAWING		GENERAL MARKET	
		A3-SIZE		SHEET NUMBER	
		54132		2 OF 3	

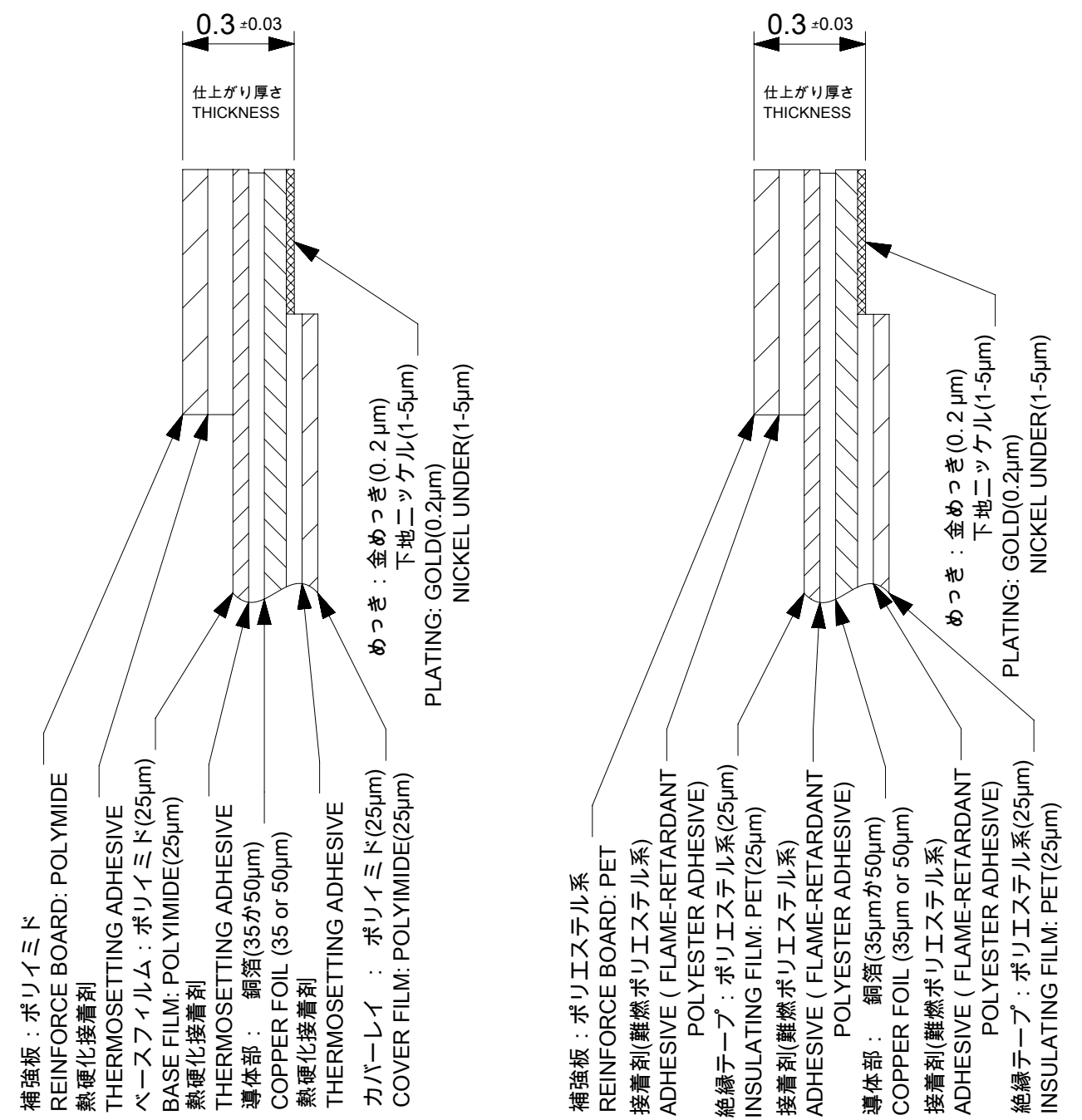


適合金めっきFPC推奨寸法  
 APPLICABLE FPC OF GOLD PLATING  
 RECOMMENDED DIMENSION  
 (仕上がり厚さ : 0.3±0.03 )  
 (THICKNESS : 0.3±0.03 )



適合金めっきFFC推奨寸法  
 APPLICABLE FFC OF GOLD PLATING  
 RECOMMENDED DIMENSION  
 (仕上がり厚さ : 0.3±0.03 )  
 (THICKNESS : 0.3±0.03 )

FPC/FFCについて:  
 打ち抜き方向は導体側から補強板側を推奨いたします。  
 RECOMMENDED PUNCHER DIRECTION  
 FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.



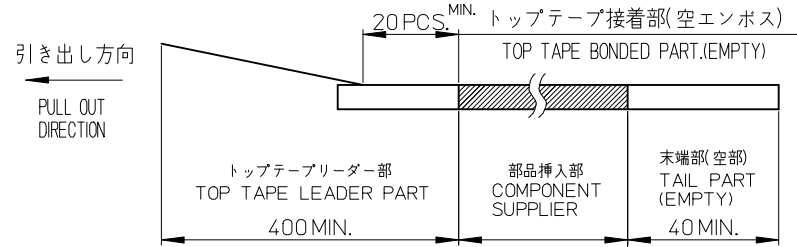
FPC構成推奨仕様  
 STRUCTURE OF FPC

FFC構成推奨仕様  
 STRUCTURE OF FFC

<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> 10 UNDER ± 0.2 10 OVER 30 UNDER ± 0.25 30 OVER ± 0.3 ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION UNITS: mm SCALE: 8:1 ANGULAR TOL ± 3.0 ° 4 PLACES ± 0.2 3 PLACES ± 0.25 2 PLACES ± 0.3 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CURRENT REV DESC: EC NO: 600082 DRWN: YCHEN128 2018/03/02 CHK'D: KTAKAHASHI 2018/03/14 APPR: NUKITA 2018/03/14 INITIAL REVISION: DRWN: MUMEDA 2004/10/08 APPR: NUKITA 2004/10/14 THIRD ANGLE PROJECTION DRAWING: A3-SIZE SERIES: 54132	<b>molex</b> 0.5 FPC CONN. ZIF SMT R/A BOTTOM CONTACT NI-BARRIER GOLD PLATING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-54132-064 DOC TYPE: PSD DOC PART: 001 REVISION: G MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 3
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NOTE

- 1. 梱包数量 : 1500個/リール  
NUMBER OF CONNECTORS : 1500PCS/REEL
- 2. リードテープ長さ  
LEAD TAPE LENGTH

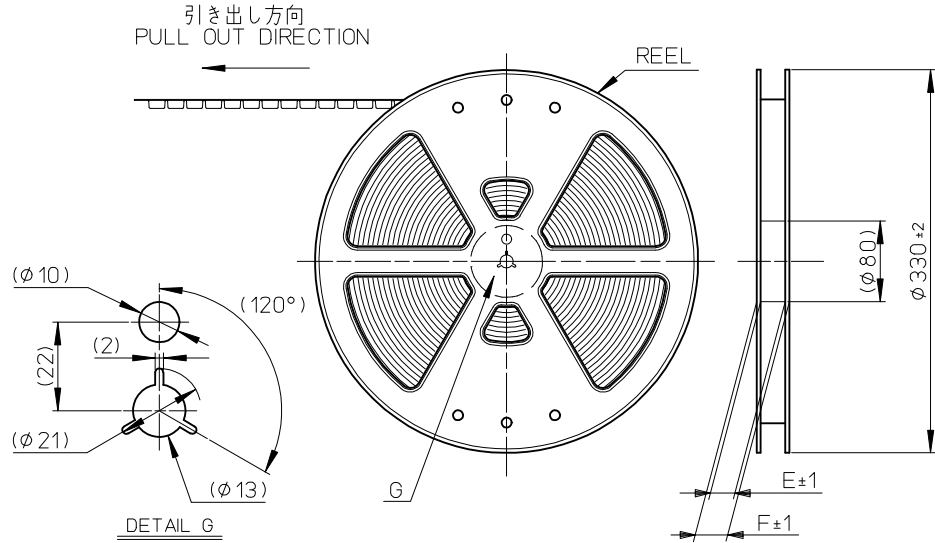


- 3. カバーテープの はく離強度については、IEC60286-3に準拠  
COVER TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.

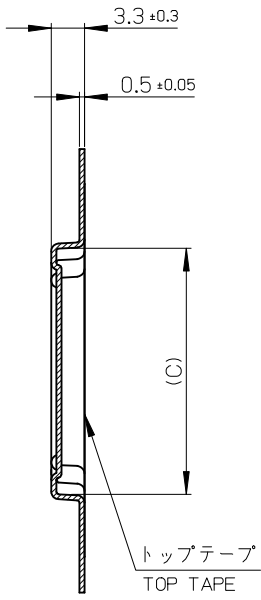
- 4. 材料 キャリアテープ : ポリプロピレン(PP)  
トップテープ : PET,PE,PEF  
リール : ポリスチレン(PS) <リサイクル材を含む>

MATERIAL CARRIER TAPE : POLYPROPYLENE  
TOP TAPE : PET,PE,PEF  
REEL : POLYSTYRENE<RECYCLE MATERIAL CONTAINED>

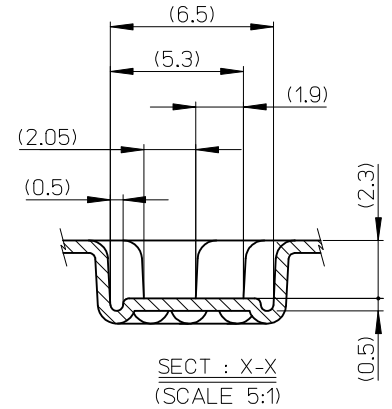
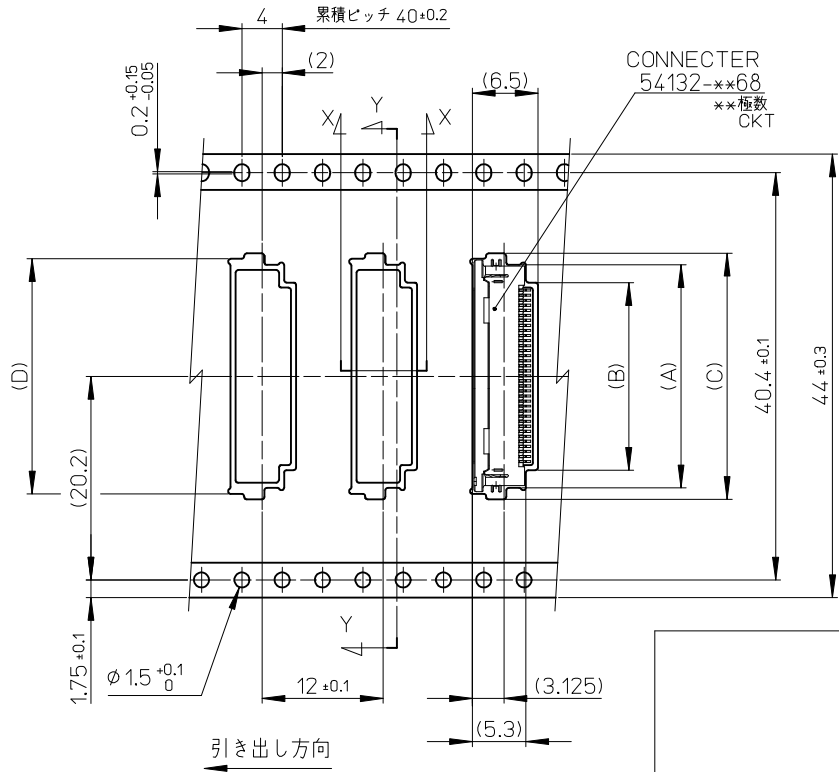
- 5. ELV & RoHS適合品  
ELV AND RoHS COMPLIANT



RELEASED EC NO.: J2011-0041 DRWN: HYOSHINO 2010/07/13 CHKD: HIJIMA 2010/07/13 APPR: KMORIKAWA 2010/07/16	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	±---	DRAWN BY HYOSHINO	DATE 2010/07/13	TITLE 0.5 FPC CONN. ZIF SMT R/A BOTTOM CONTACT TAPING PACKAGE			
	10 OVER 30 UNDER	±---	CHECKED BY HIJIMA	DATE 2010/07/13	MOLEX INCORPORATED			
	30 OVER	±---	APPROVED BY KMORIKAWA	DATE 2010/07/16	DOCUMENT NO. SD-54132-065		SHEET NO. 1 OF 2	
	ANGULAR ±---°		MATERIAL NO. SEE SHEET		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								



SECT : Y-Y



44	49.4	45.4	30.8	31.9	26.1	29.6	54132-5062	50		
			28.3	29.4	23.6	27.1	54132-4562	45		
			27.3	28.4	22.6	26.1	54132-4362	43		
			25.8	26.9	21.1	24.6	54132-4062	40		
			24.8	25.9	20.1	23.6	54132-3862	38		
			23.8	24.9	19.1	22.6	54132-3662	36		
			23.3	24.4	18.6	22.1	54132-3562	35		
			22.8	23.9	18.1	21.6	54132-3462	34		
			22.3	23.4	17.6	21.1	54132-3362	33		
			21.8	22.9	17.1	20.6	54132-3262	32		
20.8	21.9	16.1	19.6	54132-3062	30					
キャリアテープ幅 CARRIAR TAPE WIDTH			F	E	D	C	B	A	MATERIAL NO. (EMBOSS PKG)	CKT.

RELEASED EC NO: J2011-0041 DRWN:HYOSHINO 2010/07/13 CHKD:H IJIMA 2010/07/13 APPR:KMORIKAWA 2010/07/16	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± ---	DRAWN BY HYOSHINO	DATE 2010/07/13	TITLE 0.5 FPC CONN. ZIF SMT R/A BOTTOM CONTACT TAPING PACKAGE			
	10 OVER 30 UNDER	± ---	CHECKED BY HIJIMA	DATE 2010/07/13	MOLEX INCORPORATED			
	30 OVER	± ---	APPROVED BY KMORIKAWA	DATE 2010/07/16	DOCUMENT NO. SD-54132-065		SHEET NO. 2 OF 2	
	ANGULAR ± --- °		MATERIAL NO. SEE SHEET		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								