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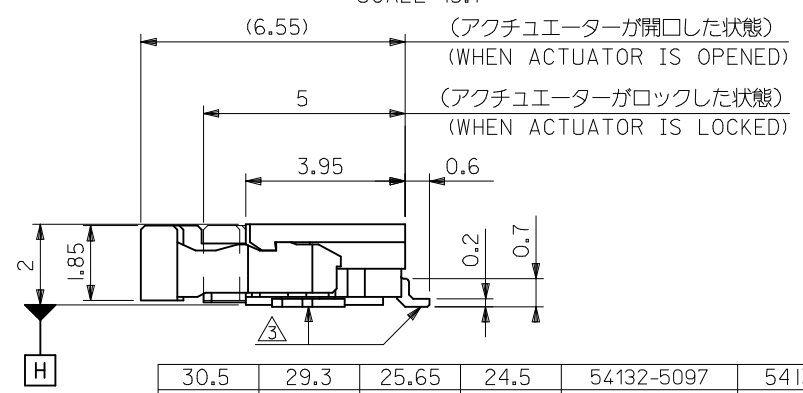
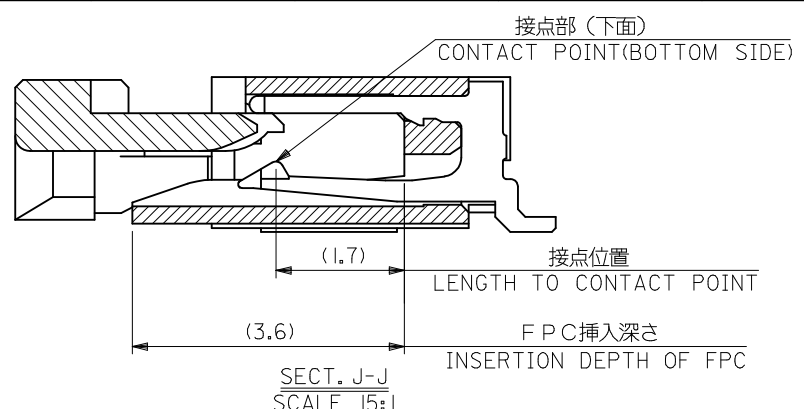
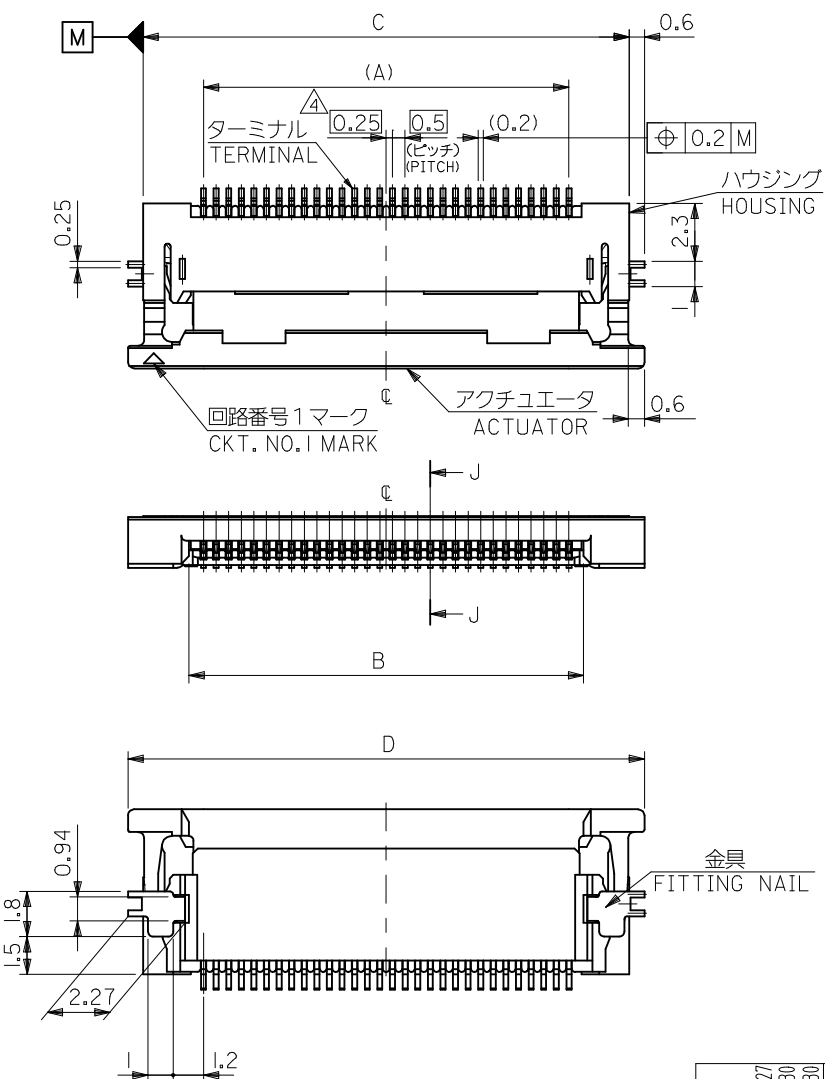
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30.5	29.3	25.65	24.5	54132-5097	54132-5039	50
28.0	26.8	23.15	22.0	-4597	-4539	45
27.0	25.8	22.15	21.0	-4397	-4339	43
25.5	24.3	20.65	19.5	-4097	-4039	40
24.5	23.3	19.65	18.5	-3897	-3839	38
23.5	22.3	18.65	17.5	-3697	-3639	36
23.0	21.8	18.15	17.0	-3597	-3539	35
22.5	21.3	17.65	16.5	-3497	-3439	34
22.0	20.8	17.15	16.0	-3397	-3339	33
21.5	20.3	16.65	15.5	-3297	-3239	32
20.5	19.3	15.65	14.5	54132-3097	54132-3039	30
D	C	B	A	EMBOSSED TAPE ORDER No. オーダー番号	MATERIAL. NO.	CKT.

REVISED EC NO: J2008-4308 DRWN:MABEI 2008/06/27 CHKD:THARUYAMA 2008/06/30 APPR:NUKITA 2008/06/30 B	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	MODEL NO.		
				MM ONLY		---	METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M.NABEI	DATE '03/12/15	TITLE 0.5 FPC CONN ZIF HOUSING ASSY FOR SMT -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY M.SASAO	DATE '03/12/15					
		30 OVER	±0.3	APPROVED BY M.SASAO	DATE '03/12/15	MOLEX INCORPORATED				
	ANGULAR ±3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-54132-060		1 OF 2				
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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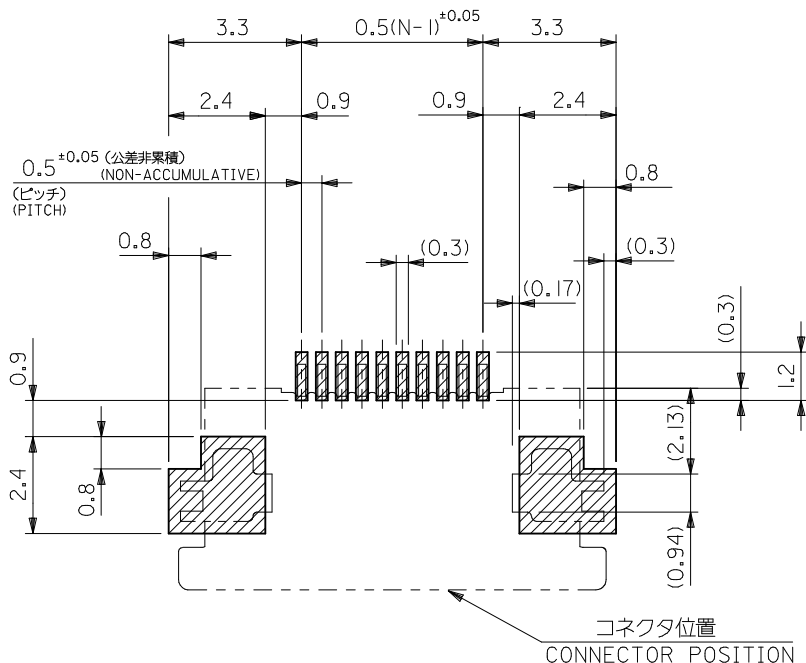
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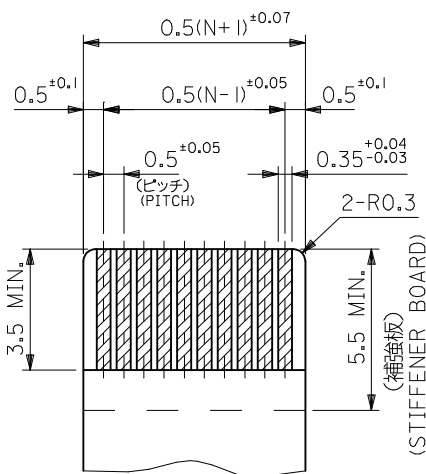
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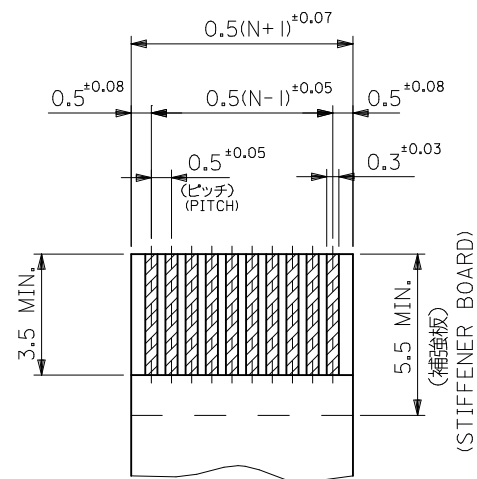
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参考基板レイアウト
RECOMMENDED PC BOARD PATTERN DIMENSION(REF.)
(マウント面)
(MOUNTING SIDE)



適合FPC推奨寸法
APPLICABLE FPC RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)



適合FFC推奨寸法
APPLICABLE FFC RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)

注記
NOTES

1. 使用材料
MATERIAL
ハウジング
HOUSING : 46ナイロン, UL94V-0
: 46NYLON
アクチュエーター
ACTUATOR : PPS, UL94V-0
: PPS
ターミナル
TERMINAL : リン青銅 (t=0.2), 鍍・ビスマスメッキ 1.0~3.0 MICRO METER MIN.
: ニッケル下地 1.0~3.0 MICRO METER MIN.
: PHOS-BRO, TIN-BISMUTH-PLATE 1.0~3.0 MICRO METER MIN.
OVER NICKEL 1.0~3.0 MICRO METER MIN.
金具
FITTING NAIL : リン青銅 (t=0.2), 鍍メッキ 1.0~3.0 MICRO METER MIN.
: ニッケル下地 1.0~3.0 MICRO METER MIN.
: PHOS-BRO, TIN-PLATE 1.0~3.0 MICRO METER MIN.
OVER NICKEL 1.0~3.0 MICRO METER MIN.

2. エンボステープ梱包時は、アクチュエーターがロックした状態とする。
IN THE PACKAGE, ACTUATOR OF PART NO.54132-***31
SHOULD BE LOCKED.
3. ソルダーテール半田付け面のスレ量、及び金具半田付け面のスレ量は、
基準面 田に対し上方向0.1MAX. 下方向0.15MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAIL FROM 田
UPPER DIRECTION: 0.1 MAX., LOWER DIRECTION: 0.15 MAX.
4. 偶数極に適用
APPLY FOR EVEN CIRCUIT.
5. パターンはくり止め用金具
FITTING NAIL FOR PREVENTION OF PEELING
OF P.C.B. PATTERN.
6. 本製品は54132-***31の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54132-***31

FPC/FFCについて

打抜き方向は導体側から補強板側を推奨いたします。
導体部については軟銅箔35マイクロメートルまたは50マイクロメートル
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED CONDUCTOR SPEC.:
THICKNESS OF SOFT COPPER FOIL:
35 micrometer or 50 micrometer

REVISED		EC NO: J2008-4308		2008/06/27		DRWN: MNABE		2008/06/30		CHKD: THARUYAMA		2008/06/30		APPR: NUKITA		2008/06/30		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		SCALE		---		DESIGN UNITS		METRIC		THIRD ANGLE PROJECTION		54132-***39		MODEL NO.		54132-***39	
DRAWN BY		DATE		TITLE		CHECKED BY		DATE		APPROVED BY		DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		2 OF 2	
M. NABE		'03/12/15		0.5 FPC CONN ZIF		M. SASAO		'03/12/15		M. SASAO		'03/12/15		SEE SHEET 1		SD-54132-060		MOLEX INCORPORATED		2 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE	
A3		A3		A3		A3		A3		A3		A3		A3		A3		A3		A3	

DWG. NO.

SD-54132-061

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DO NOT SCALE DRAWING

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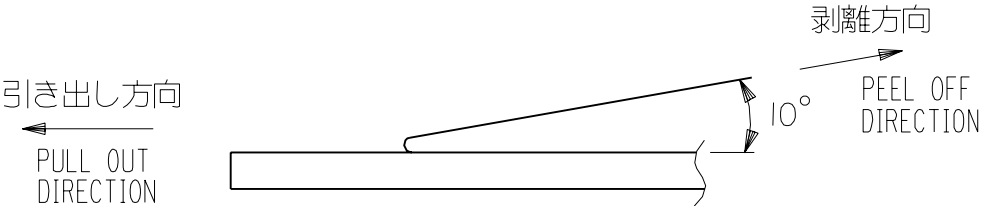
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SD-54132-061.S01

NOTES

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
- 20PCS. MIN. トップテープ接着部（空エンボス）
TOP TAPE BONDED PART.(EMPTY)
- 400 MIN. 部品挿入部
COMPONENT SUPPLIER
- 末端部（空部）
TAIL PART (EMPTY)
40 MIN.
- 引き出し方向
PULL OUT DIRECTION
3. トップテープの剥離強度：0.1N ～ 1.3N(10gf ～ 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：0.1N ～ 1.3N(10gf ～ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED ,DURING TRANSPORTATION.



5. 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:POLYSTYREN(PS)
＜RECYCLE MATERIAL CONTAINED＞

6. 本製品は54132-**-92の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54132-**-92

										54132-**97		MODEL NO.			
										DIMENSIONS:			SHT	REV	
										☐ mm INCH			☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY
EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	REVISED EC NO. J2004-2790 DRWN: H. SHIMABUKURO '04/3/2 CH'K: K. TOJO '04/3/2 APPR: M. SASAO '04/3/2	RELEASED EC NO. J2004-1538 DRWN: M. NABEI '03/12/15 CH'K: M. SASAO '03/12/15 APPR: M. SASAO '03/12/15	DESCRIPTION	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	TITLE: EMBOSSED TAPE PACKAGE FOR 0.5 FPC CONN. ZIF -LEAD FREE-			
						10 UNDER 未 満		±0.2	DRAWN BY & DATE M. NABEI '03/12/15						
						10 OVER 以 上 30 UNDER 未 満		±0.25	CHECKED BY & DATE M. SASAO '03/12/15						
						30 OVER 以 上		±0.3	APPROVED BY & DATE M. SASAO '03/12/15		MOLEX INCORPORATED				
				WIRE RANGE 適用電線範囲		ANGLE 角度	±3°	CAD FILENAME SD-54132-061.S01		MATERIAL NO. SEE CHART	DRAWING NO. SD-54132-061		SHEET NO. 1 OF 2		
		A		O		REV	INS. RANGE 被 覆 外 径			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE B

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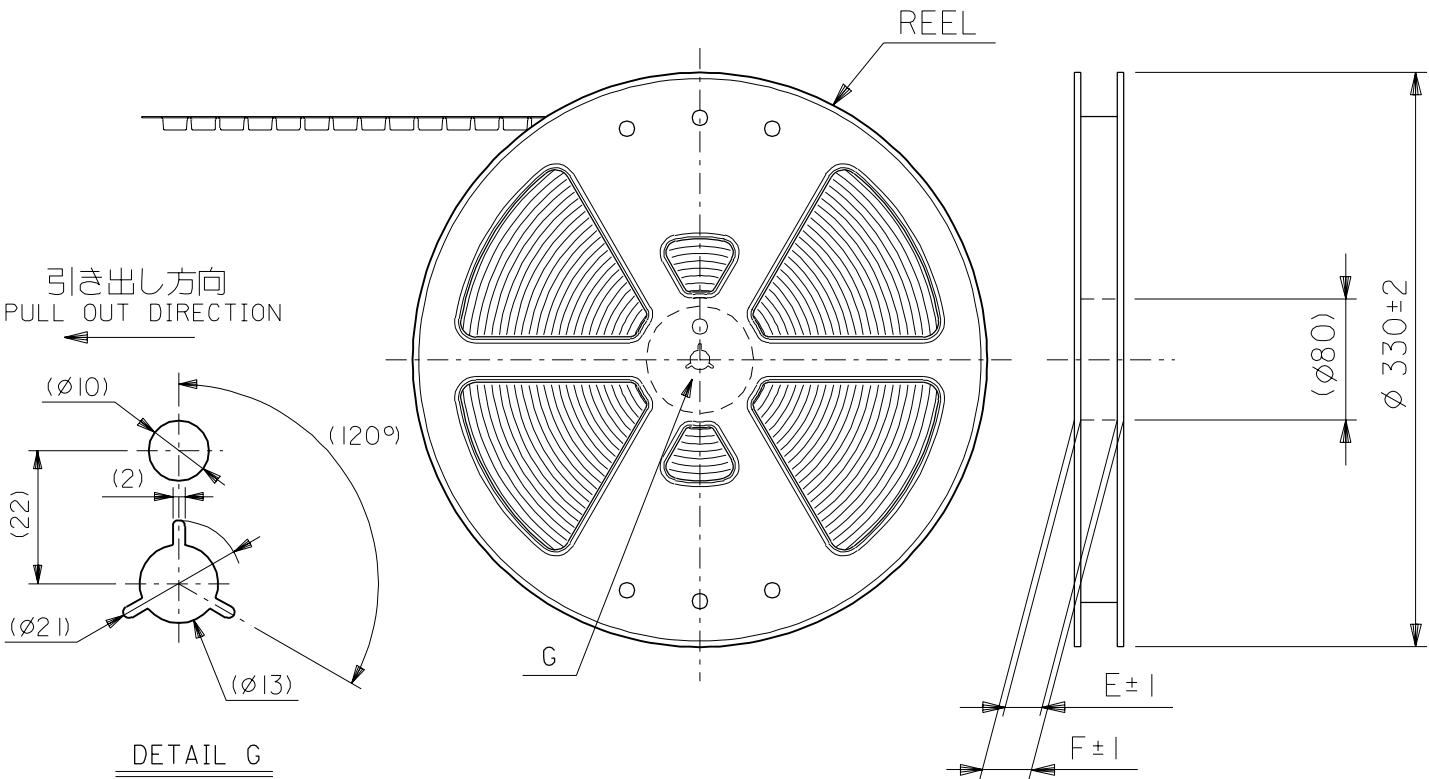
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EN-02J(097) MXJ-54



DWG. NO.
SD-54132-061

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DO NOT SCALE DRAWING

EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	REVISED EC NO. J2004-2790 DRWN: H. SHIMABUKURO '04/32 CH'K: M. SASAO '04/32 APPR: M. SASAO '04/32	RELEASED EC NO. J2004-1538 DRWN: M. NABEI '03/12/15 CH'K: M. SASAO '03/12/15 APPR: M. SASAO '03/12/15	REV
A					

DESCRIPTION REV	MATERIAL 材料	SHEET 1 OF 2 参照 REFER TO SHEET 1 OF 2	
	FINISH 仕上げ	—//—	
	WIRE RANGE 適用電線範囲	—//—	
	INS. RANGE 被覆外径	—//—	

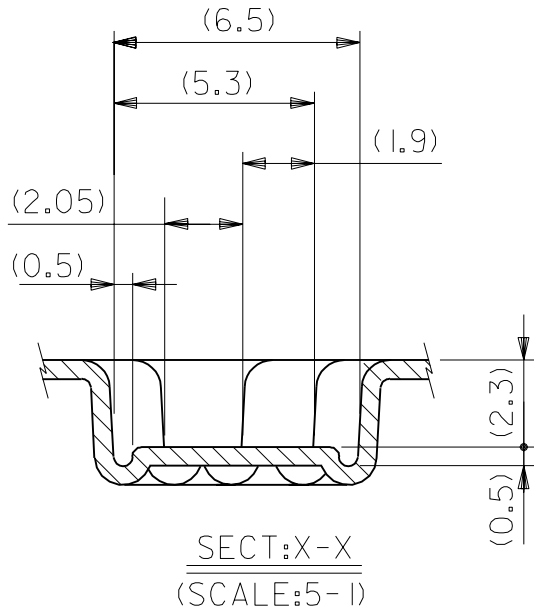
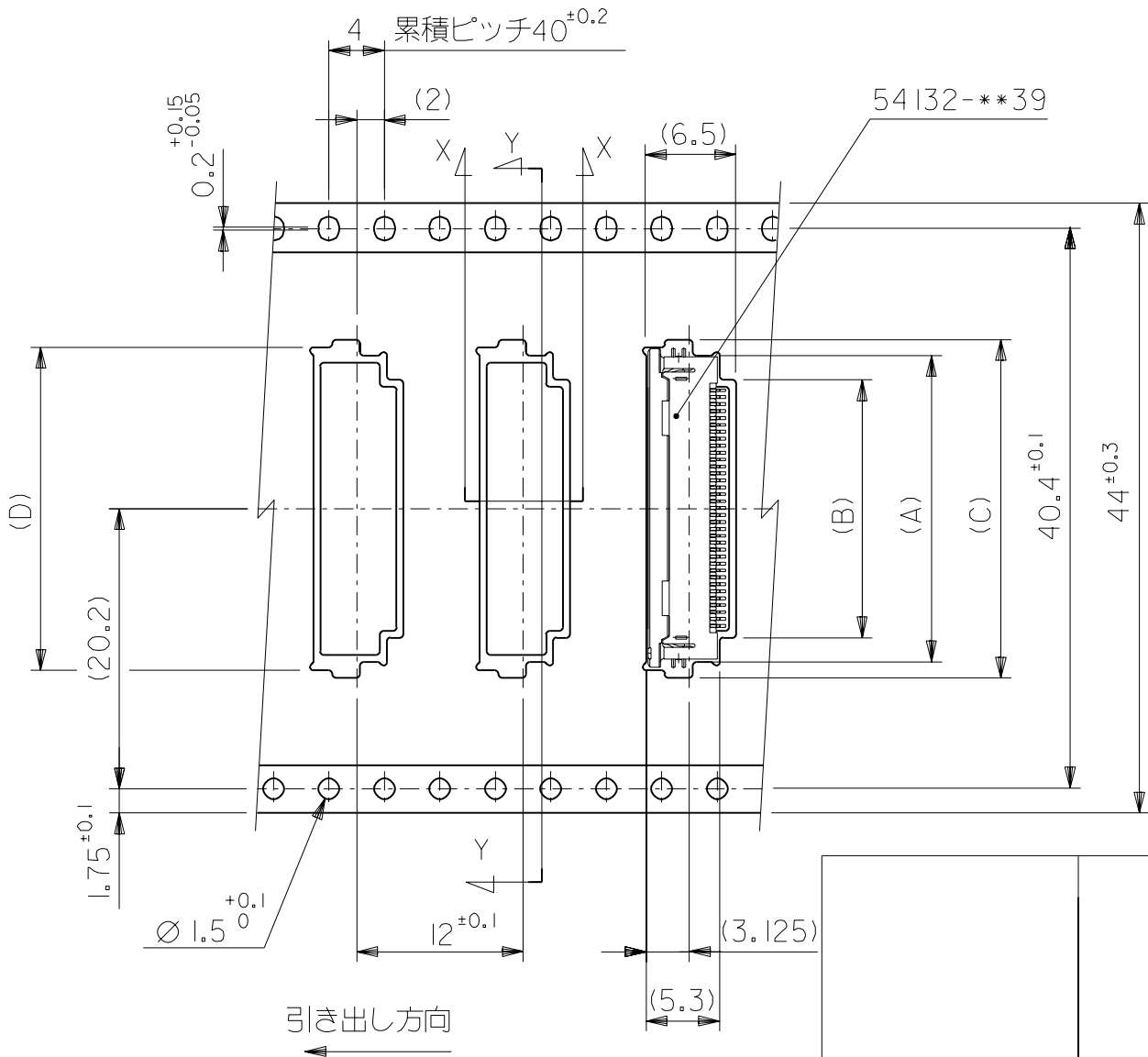
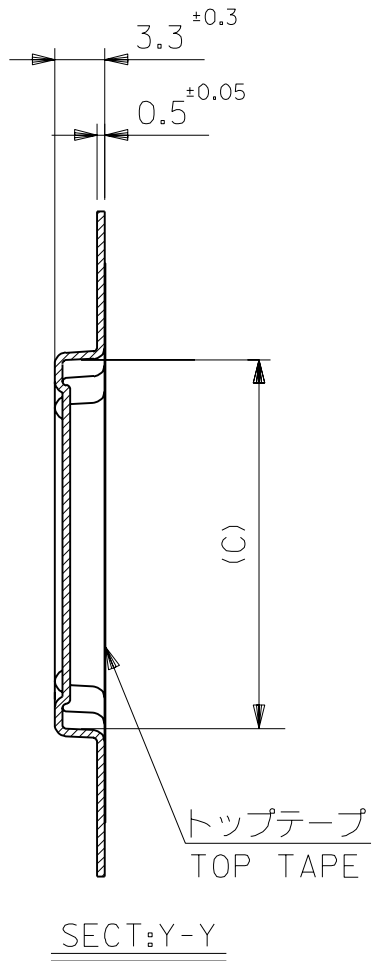
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH
10 UNDER 未満	±0.2	DRAWN BY & DATE M. NABEI '03/12/15	
10 OVER 30 UNDER 以上 未満	±0.25	CHECKED BY & DATE M. SASAO '03/12/15	
30 OVER 以上	±0.3	APPROVED BY & DATE M. SASAO '03/12/15	
ANGLE 角度	±3°	CAD FILENAME SD-54132-061.S02	

54132-**-97		MODEL NO.	
		THIRD ANGLE PROJECTION	
		TITLE: EMBOSSED TAPE PACKAGE FOR 0.5 FPC CONN. ZIF -LEAD FREE-	
		MOLEX INCORPORATED	
		MATERIAL NO. SEE CHART	DRAWING NO. SD-54132-061

DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT	REV
		REVISE ON CAD ONLY	
		SHEET NO. 2 OF 2	
		SIZE B	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE
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44	49.4	45.4	30.8	31.6	26.1	29.6	54132-5097	50	
			28.3	29.4	23.6	27.1	4	-4597	45
			27.3	28.4	22.6	26.1		-4397	43
			25.8	26.9	21.1	24.6		-4097	40
			24.8	25.9	20.1	23.6		-3897	38
			23.8	24.9	19.1	22.6		-3697	36
			23.3	24.4	18.6	22.1		-3597	35
			22.8	23.9	18.1	21.6		-3497	34
			22.3	23.4	17.6	21.1		-3397	33
			21.8	22.9	17.1	20.6	7	-3297	32
			20.8	21.9	16.1	19.6	54132-3097	30	
キャリアテープ幅 CARRIER TAPE WIDTH	F	E	D	C	B	A	ENG. NO.	CKT.	

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SD-54132-061.S02