

DWG. NO.
SD-54132-060

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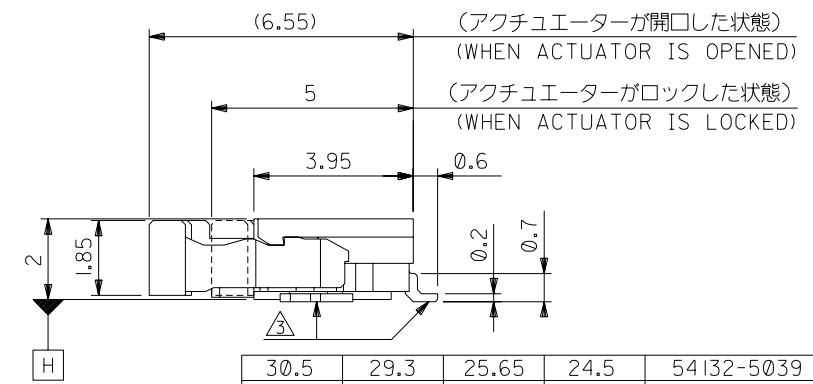
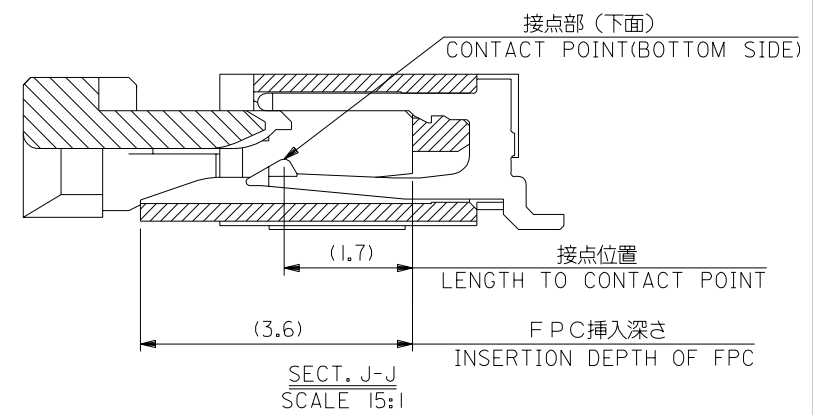
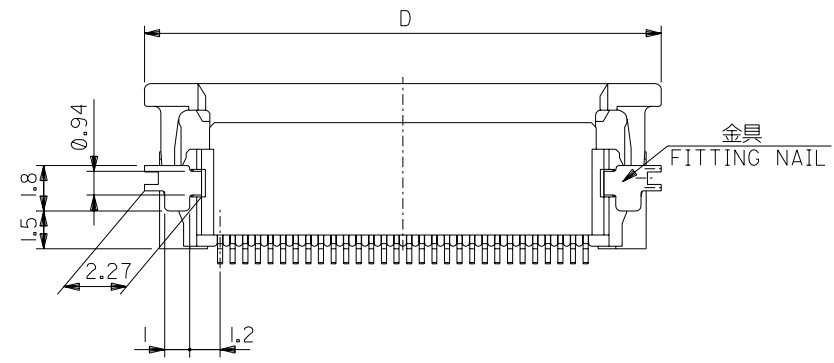
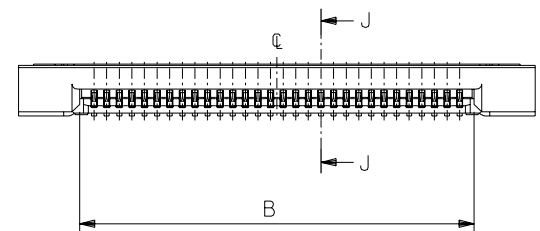
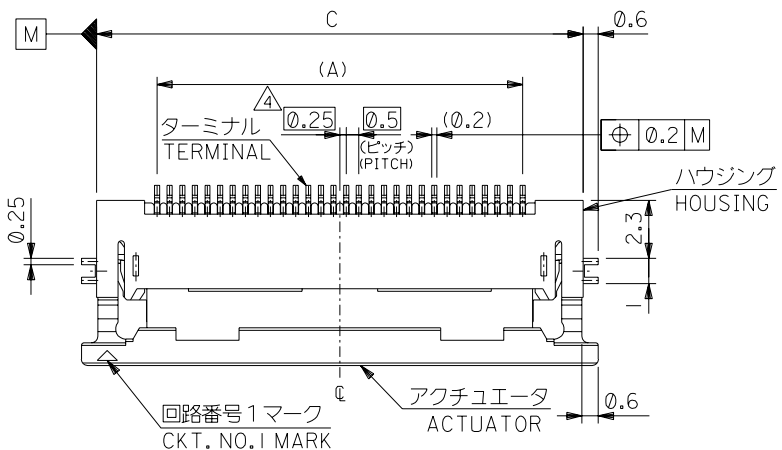
V

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DO NOT SCALE DRAWING

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30.5	29.3	25.65	24.5	54132-5039	50
28.0	26.8	23.15	22.0	-4539	45
27.0	25.8	22.15	21.0	-4339	43
25.5	24.3	20.65	19.5	-4039	40
24.5	23.3	19.65	18.5	-3839	38
23.5	22.3	18.65	17.5	-3639	36
23.0	21.8	18.15	17.0	-3539	35
22.5	21.3	17.65	16.5	-3439	34
22.0	20.8	17.15	16.0	-3339	33
21.5	20.3	16.65	15.5	-3239	32
20.5	19.3	15.65	14.5	54132-3039	30
D		C	B	A	CKT.

EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			REVISED EC NO. J2004-2362 DRWN: H. SHIMABUKURO W/2/W CHK: K. TOJO W/2/W APPR: M. SASAO W/2/W			RELEASED EC NO. J2004-1538 DRWN: M. NABEI W/0/W CHK: M. SASAO W/0/W APPR: M. SASAO W/0/W			MATERIAL 材料 SHEET 2 OF 2 参照 SEE SHEET 2 OF 2			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —//— DRAWN BY & DATE M. NABEI '03/12/15		DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm <input type="checkbox"/> INCH		MODEL NO. THIRD ANGLE PROJECTION		<input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY		SMT REV	
												FINISH 仕上り //			10 UNDER 未満 ±0.2			CHECKED BY & DATE M. SASAO '03/12/15		TITLE: 0.5 FPC CONN. ZIF HOUSING ASS'Y FOR SMT. (R/A) BOTTOM CONTACT -LEAD FREE-		MOLEX INCORPORATED		MATERIAL NO. DRAWING NO. SD-54132-060.S01 SEE CHART SD-54132-060		SHEET NO. 1 OF 2				
									WIRE RANGE 適用電線範囲 //			10 OVER 30 UNDER 以上 未満 ±0.25			APPROVED BY & DATE M. SASAO '03/12/15															
									A			O			REV INS. RANGE 被覆外径 //			ANGLE 角度 ±3°			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B							

SD-54132-060.50

DWG. NO. SD-54132-060

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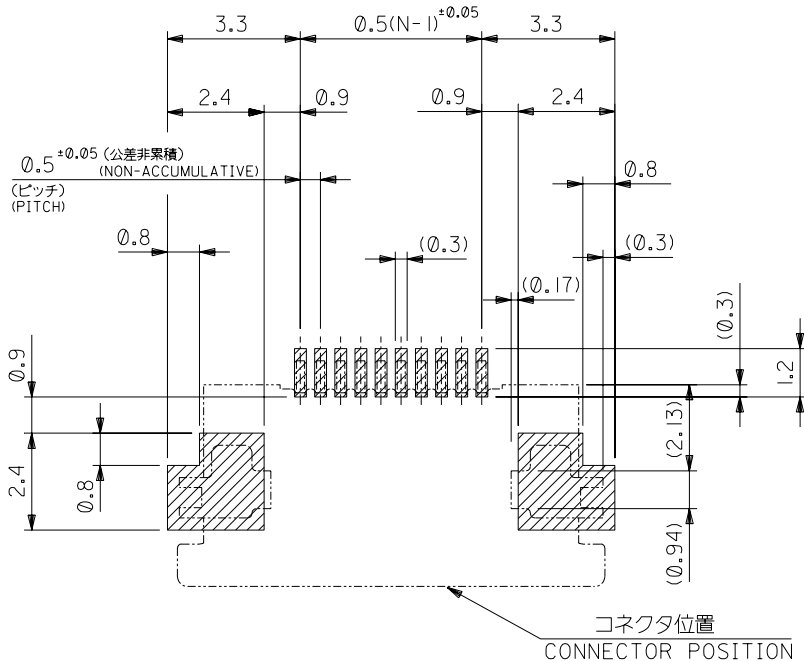
D

C

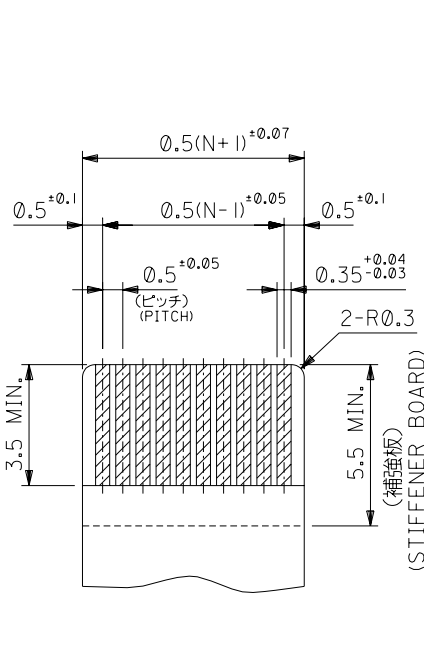
B

DO NOT SCALE DRAWING

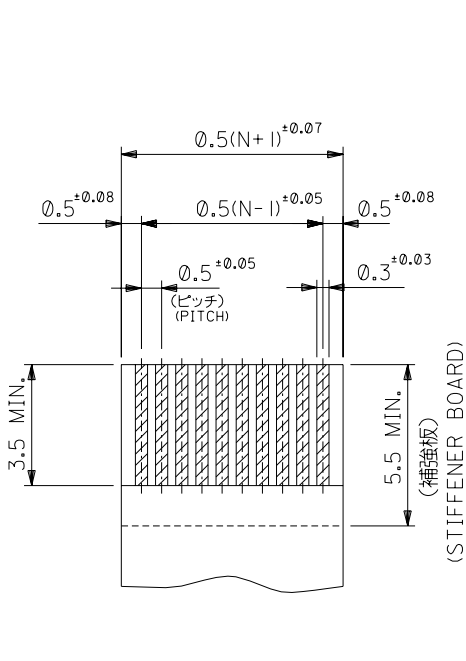
8 7 6 5 4 3 2 1



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
アクチュエーター
ACTUATOR
ターミナル
TERMINAL
金具
FITTING NAIL
- : 46ナイロン, UL94V-0
: 46NYLON
: PPS, UL94V-0
: PPS
: リン青銅 (t=0.2), 銅・ビスマズメッキ 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.
: リン青銅 (t=0.2), 銅メッキ 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.
- △ ソルダテール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 H に対し上方向 0.1 MAX. 下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAIL FROM H UPPER DIRECTION: 0.1 MAX., LOWER DIRECTION: 0.15 MAX.
- △ 偶数極に適用
APPLY FOR EVEN CIRCUIT.
- △ 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

EC NO. DRWN: CH'K: APPR:			EC NO. DRWN: CH'K: APPR:			EC NO. DRWN: CH'K: APPR:			REVISED EC NO. J2004-2362 DRWN: H. SHIMABUKURO 07/0 CH'K: K. TOJO 07/0 APPR: M. SASAO 07/0 RELEASED EC NO. J2004-1538 DRWN: M. NABEI 07/06 CH'K: M. SASAO 07/06 APPR: M. SASAO 07/06			MATERIAL 材料 注記参照 SEE NOTES			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —			DESIGN UNITS mm □ INCH			THIRD ANGLE PROJECTION			54132-***39 MODEL NO.		
WIRE RANGE 適用電線範囲			FINISH 仕上げ			10 UNDER 未満			10 OVER 以上			30 UNDER 未満			10 OVER 以上			30 OVER 以上			DRAWN BY & DATE M. NABEI 03/12/15			CHECKED BY & DATE M. SASAO 03/12/15			APPROVED BY & DATE M. SASAO 03/12/15		
ANGLE 角度			INS. RANGE 被覆外径			±0.2			±0.25			±0.3			±3°			TITLE: 0.5 FPC CONN. ZIF HOUSING ASS'Y FOR SMT. (R/A) BOTTOM CONTACT -LEAD FREE-			MATERIAL NO. SEE CHART			DRAWING NO. SD-54132-060			SHEET NO. 2 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B			EN-02J(097) MXJ-54																							

SD-54132-060.592

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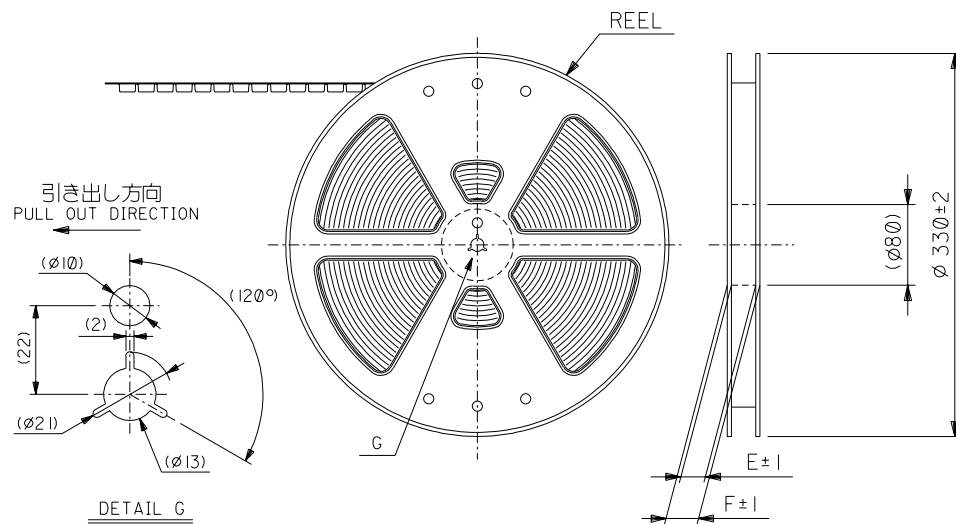
E

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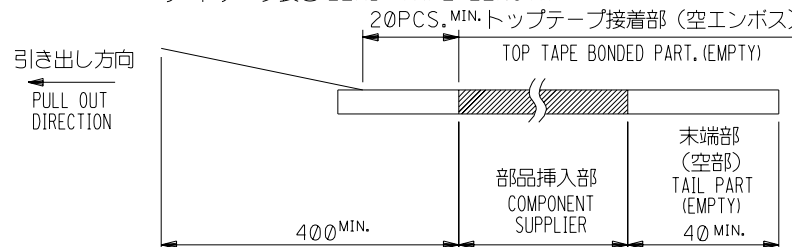
B

SD-54132-061.5A

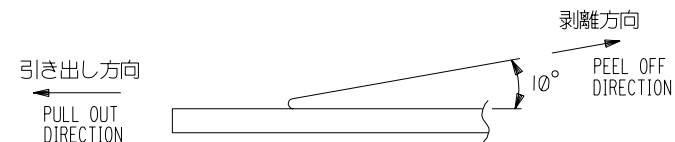


NOTES

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



- 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.



- 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>

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

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 CH'K: K. TOJO APPR: M. SASAO			RELEASED EC NO. J2004-1538 DRWN: M. NABEI CH'K: M. SASAO APPR: M. SASAO			MATERIAL 材料 注記参照 SEE NOTES			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —//— □mm □INCH			DESIGN UNITS ☑mm □INCH			THIRD ANGLE PROJECTION			mm INCH mm ONLY			REV ON CAD ONLY					
																		FINISH 仕上げ			10 UNDER 未満			±0.2			DRAWN BY & DATE M. NABEI 03/12/15			TITLE: EMBOSSD TAPE PACKAGE FOR 0.5 FPC CONN. ZIF -LEAD FREE-								
																		30 OVER 以上			±0.25			CHECKED BY & DATE M. SASAO 03/12/15														
																		WIRE RANGE 適用電線範囲			30 OVER 以上			±0.3			APPROVED BY & DATE M. SASAO 03/12/15			MOLEX INCORPORATED								
																					ANGLE 角度			±3°			CAD FILENAME SD-54132-061.S01			SEE CHART			DRAWING NO. SD-54132-061			SHEET NO. 1 OF 2		
A									Ø									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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EN-02J(097) MXJ-54

DWG. NO.
SD-54132-061

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DO NOT SCALE DRAWING

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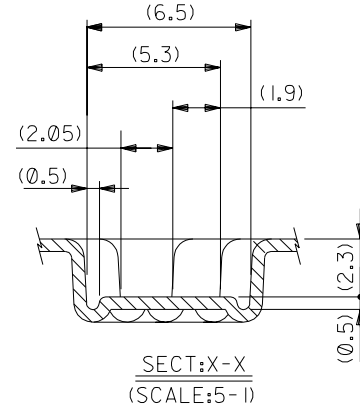
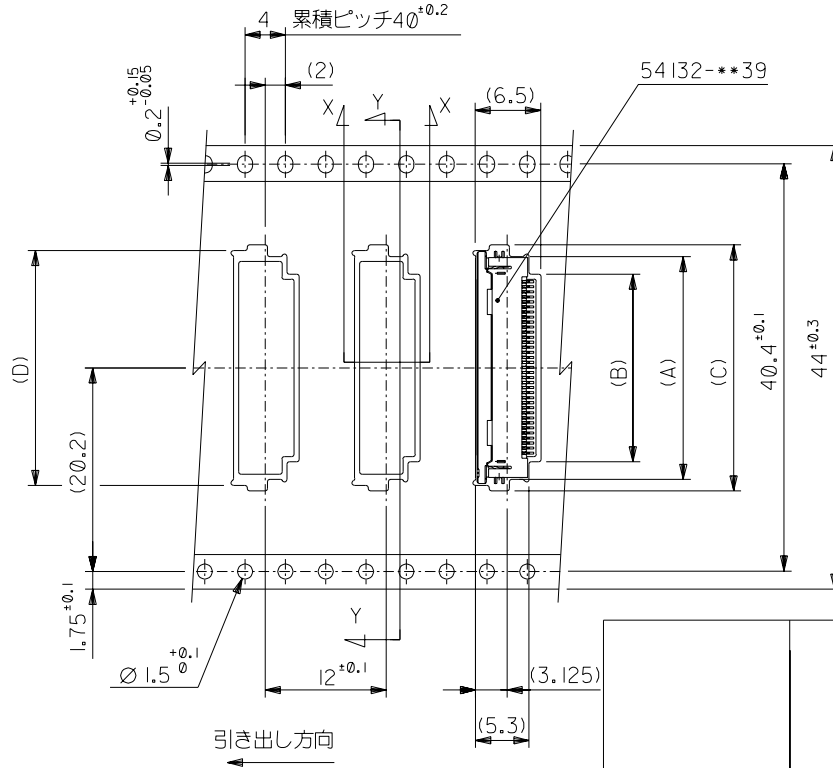
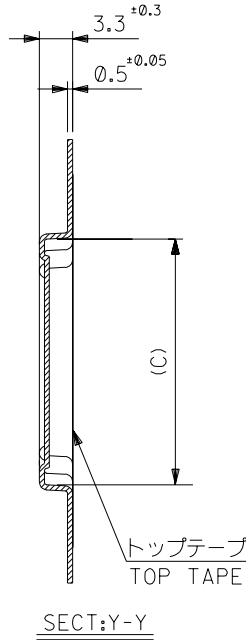
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C

B

SD-54132-061.S02



44	49.4	45.4	30.8	31.6	26.1	29.6	54132-5097	50
			28.3	29.4	23.6	27.1	-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	-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.

EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			REVISED EC NO. J2004-2790 DRWN: H. SHIMABUKURO CHK: M. SASAO APPR: M. SASAO			RELEASED EC NO. J2004-1538 DRWN: M. NABEI CHK: M. SASAO APPR: M. SASAO			MATERIAL 材料			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —			DESIGN UNITS mm INCH			THIRD ANGLE PROJECTION			mm INCH mm ONLY			REVISE ON CAD ONLY								
									A			O			SHEET 1 OF 2 参照 REFER TO SHEET 1 OF 2			10 UNDER 未満			±0.2			DRAWN BY & DATE M. NABEI '03/12/15			TITLE: EMBOSSED TAPE PACKAGE FOR 0.5 FPC CONN. ZIF -LEAD FREE-														
												FINISH 仕上			10 OVER 30 UNDER 以上 未満			±0.25			CHECKED BY & DATE M. SASAO '03/12/15																				
															WIRE RANGE 適用電線範囲			30 OVER 以上			±0.3			APPROVED BY & DATE M. SASAO '03/12/15			molex MOLEX INCORPORATED			MATERIAL NO. SEE CHART			DRAWING NO. SD-54132-061			SHEET NO. 2 OF 2					
									A			O			REV INS. RANGE 被覆外径						ANGLE 角度			±3°			CAD FILENAME SD-54132-061.S02			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.									SIZE B		