

DWG. NO.
SD-54132-011

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DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED EC NO. JC200 I-0171 DRWN: K.KOHAMA 00/09/0 CHK: S.KUNISHI 00/09/0 APPR: M.FUKUSHIMA 00/09/0
REV	DESCRIPTION	MATERIAL 材料	FINISH 仕上り	WIRE RANGE 適用電線範囲
INS. RANGE 被覆外径				

SHEET 2 OF 2 参照 SEE SHEET 2 OF 2	
ANGLE 角度	+3°

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	+0.2
10 OVER 以上	+0.25
30 UNDER 未満	+0.25
30 OVER 以上	+0.3

SCALE —	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE K.KOHAMA 00/09/13	CHECKED BY & DATE S.KUNISHI 00/09/13
APPROVED BY & DATE M.FUKUSHIMA 00/09/13	CAD FILENAME 54132011.S01

DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHR	REV
THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
TITLE: 0.5 FPC CONN. ZIF HOUSING ASS'Y FOR SMT. (R/A) BOTTOM CONTACT			
MOLEX INCORPORATED			
MATERIAL NO. 54132-**31	DRAWING NO. SD-54132-011	SHEET NO. 1 OF 2	SIZE B

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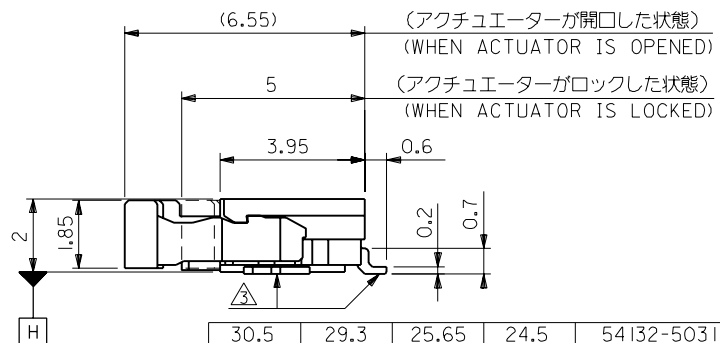
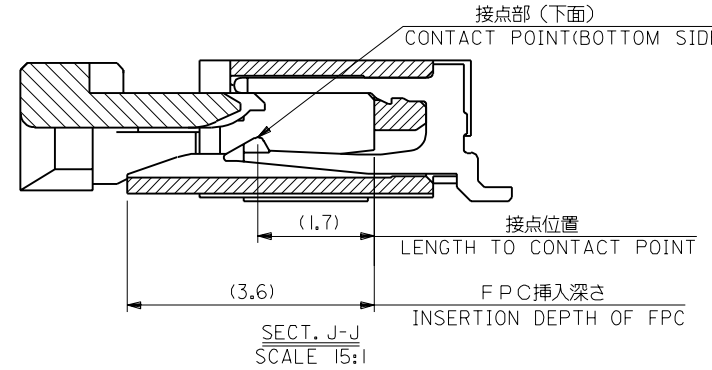
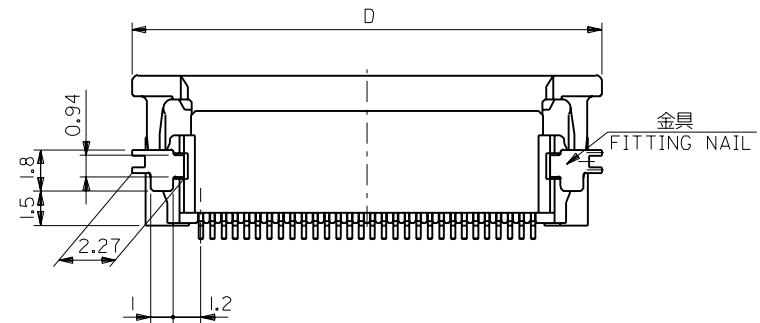
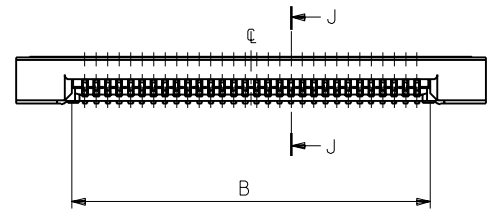
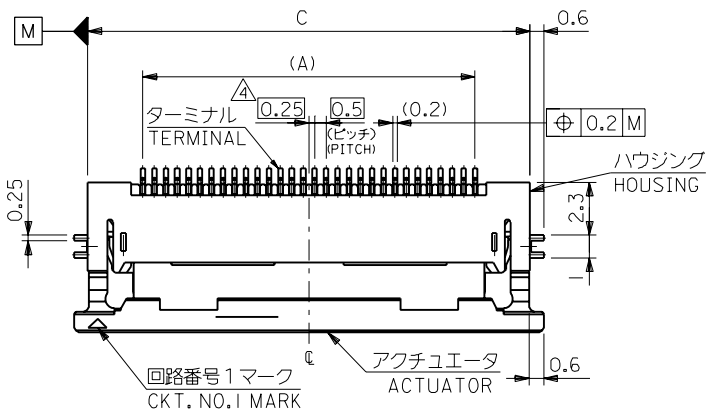
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EN-02J(097) MXJ-54



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27.0	25.8	22.15	21.0	-4331	43
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24.5	23.3	19.65	18.5	-3831	38
23.5	22.3	18.65	17.5	-3631	36
23.0	21.8	18.15	17.0	-3531	35
22.5	21.3	17.65	16.5	-3431	34
22.0	20.8	17.15	16.0	-3331	33
21.5	20.3	16.65	15.5	-3231	32
20.5	19.3	15.65	14.5	54132-3031	30
D	C	B	A	ENG. NO.	CKT.

54132011.S01

DWG. NO.
SD-54132-011

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DO NOT SCALE DRAWING

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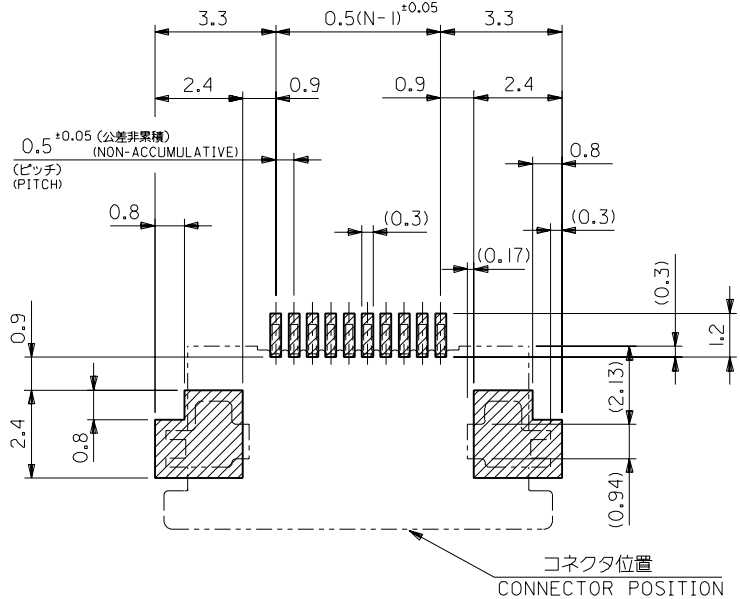
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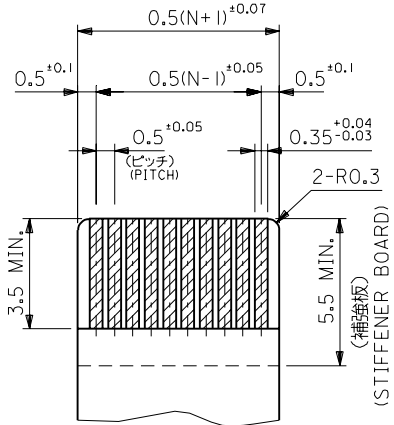
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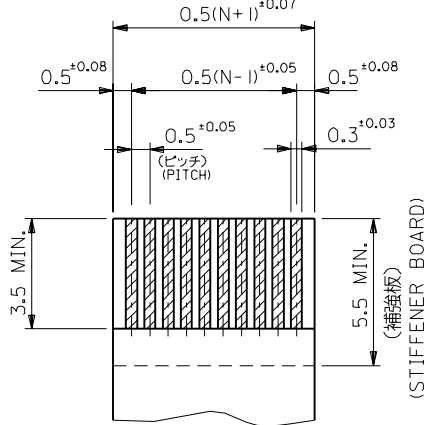
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参考基板レイアウト
RECOMMENDED PC BOARD PATTERN DIMENSION(REF.)
(マウント面)
(MOUNTING SIDE)



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 : 46ナイロン, UL94V-0
HOUSING : 46NYLON
アクチュエーター : PPS, UL94V-0
ACTUATOR : PPS
ターミナル : リン青銅, 錫メッキ (t=0.2)
TERMINAL : PHOS-BRO, TIN-PLATED
金具 : リン青銅, 錫メッキ (t=0.2)
FITTING NAIL : PHOS-BRO, TIN-PLATED

2. イ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-***1 SHOULD BE LOCKED.
3. ソルダータ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0.1MAX、下方向0.15MAX、とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAIL FROM H UPPER DIRECTION:0.1 MAX., LOWER DIRECTION:0.15MAX.
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.

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マイクロメートルメッキ厚 3〜9マイクロメートル錫または半田メッキ (電気メッキ)
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED CONDUCTOR SPEC.:
THICKNESS OF SOFT COPPER FOIL:
35 micrometer or 50 micrometer
TIN OR SOLDER PLATING:
3~9 micrometer(ELECTRICAL PLATING)

EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			RELEASED EC NO. JC2001-0171 DRWN: K.KOHAMA CHK: S.KUNISHI APPR: M.FUKUSHIMA			DESCRIPTION			MATERIAL 材 料			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			TOLERANCES: (SPECIFIED)			SCALE --			DESIGN UNITS ☐ mm ☐ INCH			THIRD ANGLE PROJECTION ☐ mm ☐ INCH ☒ mm ONLY			REVISE ON CAD ONLY		
															FINISH 仕上げ			注記参照 SEE NOTES			10 UNDER 未満			+0.2			DRAWN BY & DATE K.KOHAMA 00/09/13			TITLE: 0.5 FPC CONN. ZIF HOUSING ASS'Y FOR SMT. (R/A) BOTTOM CONTACT								
																		10 OVER 以上			30 UNDER 未満			+0.25			CHECKED BY & DATE S.KUNISHI 00/09/13											
																		30 OVER 以上			+0.3			APPROVED BY & DATE M.FUKUSHIMA 00/09/13														
															WIRE RANGE 適用導線範囲						ANGLE 角度			+3°			CAD FILENAME 54132011.S02			MATERIAL NO. 54132-**31			DRAWING NO. SD-54132-011			SHEET NO. 2 OF 2		
															INS. RANGE 被覆外径						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.																	

DWG. NO.
SD-54132-012

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DO NOT SCALE DRAWING

EC NO.
DRWN:
CHK:
APPR:EC NO.
DRWN:
CHK:
APPR:EC NO.
DRWN:
CHK:
APPR:

REVISED

EC NO. JC2001-0487

DRWN: K. KOHAMA '00/02/22

CHK: S. KUNISHI '00/02/22

APPR: M. FUKUSHIMA '00/02/22

RELEASED

EC NO. JC2001-0171

DRWN: K. KOHAMA '00/09/03

CHK: S. KUNISHI '00/09/03

APPR: M. FUKUSHIMA '00/09/03

REV

MATERIAL

材料

FINISH

仕上り

WIRE RANGE

適用電線範囲

INS. RANGE

被覆外径

注記参照
SEE NOTES

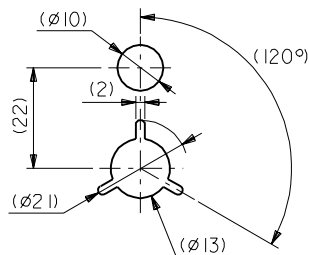
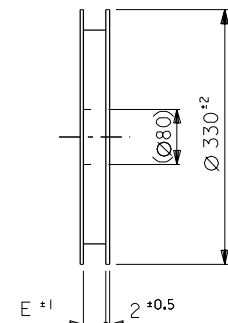
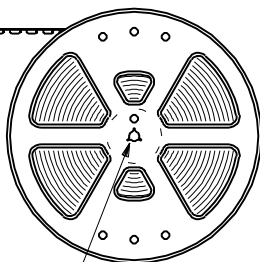
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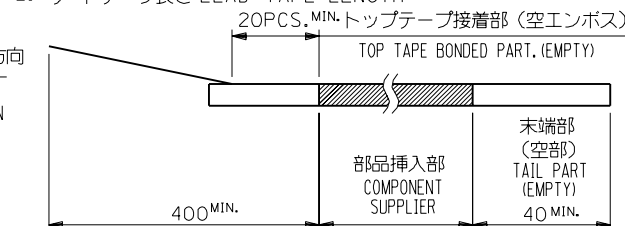
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NOTES

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

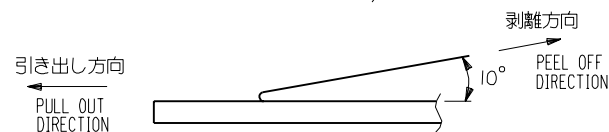
引き出し方向
PULL OUT
DIRECTION引き出し方向
PULL OUT
DIRECTION

DETAIL "F"

引き出し方向
PULL OUT
DIRECTION

3. トップテープの剥離強度: 0.1N ~ 0.7N(10.2gf ~ 71.4gf)
(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 ~ 0.7N(10.2gf ~ 71.4gf)
(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: POLYSTYRENE (PS)
<RECYCLE MATERIAL CONTAINED>

DIMENSIONS:

☐ mm ☐ INCH ☒ mm ONLY

SHT REV

REVISE ON CAD ONLY

SCALE 2:1

DESIGN UNITS ☒ mm ☐ INCH

THIRD ANGLE PROJECTION

DRAWN BY & DATE
K. KOHAMA '00/09/13CHECKED BY & DATE
S. KUNISHI '00/12/22APPROVED BY & DATE
M. FUKUSHIMA '00/12/22CAD FILENAME
54132012.S01TITLE:
EMBOSSD TAPE PACKAGE
FOR 0.5 FPC CONN. ZIF

MOLEX INCORPORATED

MATERIAL NO.
54132-**-92DRAWING NO.
SD-54132-012SHEET NO.
1 OF 2

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SIZE
B

EN-02J(O97) MXJ-54

54132012.S01

DWG. NO.
SD-54132-012

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DO NOT SCALE DRAWING

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APPR:

EC NO.
DRWN:
CHK:
APPR:

EC NO.
DRWN:
CHK:
APPR:

REVISED

EC NO. JC2001-0487
DRWN: K.KOHAMA '00/02/02
CHK: S.KUNISHI '00/02/02
APPR: M.FUKUSHIMA '00/02/02

RELEASED

EC NO. JC2001-0171
DRWN: K.KOHAMA '00/09/03
CHK: S.KUNISHI '00/09/03
APPR: M.FUKUSHIMA '00/09/03

DESCRIPTION

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

REV

GENERAL TOLERANCES:
(UNLESS SPECIFIED)
一般公差

10 UNDER
未満 +0.2
10 OVER
以上 30 UNDER
未満 +0.25
30 OVER
以上 +0.3

ANGLE 角度

SCALE
2:1

DESIGN UNITS
mm INCH

THIRD ANGLE
PROJECTION

TITLE:

DRAWN BY & DATE
K.KOHAMA '00/09/13

CHECKED BY & DATE
S.KUNISHI '00/12/22

APPROVED BY & DATE
M.FUKUSHIMA '00/12/22

CAD FILENAME
54132012.S02

MATERIAL NO.
54132-***92

DRAWING NO.
SD-54132-012

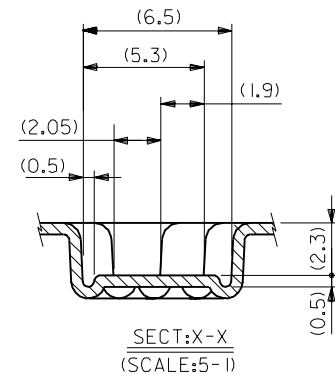
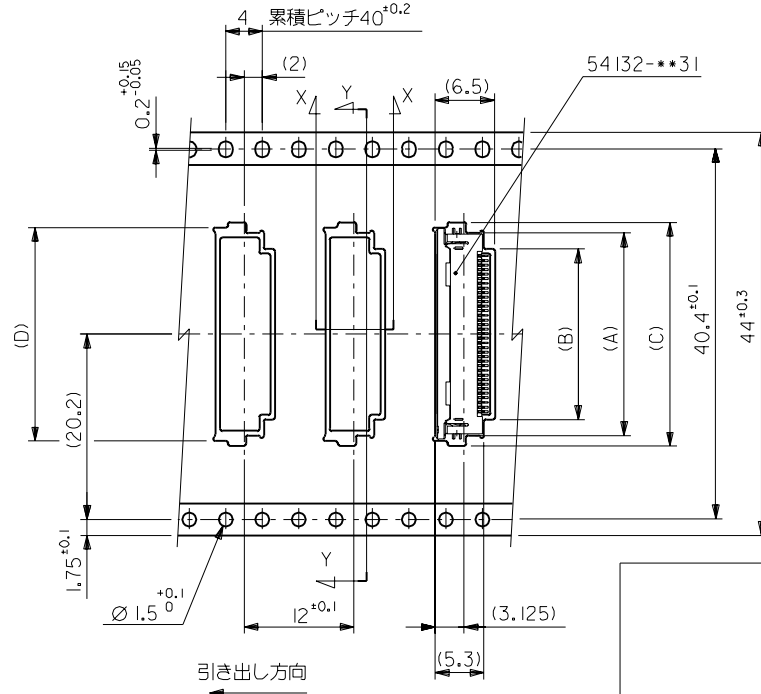
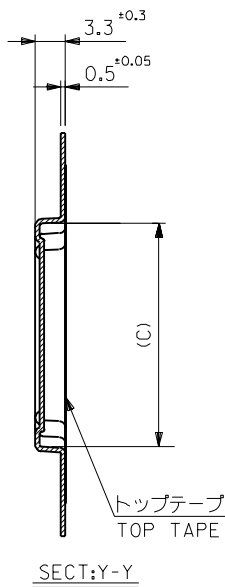
SHEET NO.
2 OF 2

SIZE
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EN-02J(097) MXJ-54

54132012.S02



44	45.5	30.8	31.6	26.1	29.6	54132-5092	50	
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		27.3	28.4	22.6	26.1	-4392	43	
		25.8	26.9	21.1	24.6	-4092	40	
		24.8	25.9	20.1	23.6	-3892	38	
		23.8	24.9	19.1	22.6	-3692	36	
		23.3	24.4	18.6	22.1	-3592	35	
		22.8	23.9	18.1	21.6	-3492	34	
		22.3	23.4	17.6	21.1	-3392	33	
		21.8	22.9	17.1	20.6	-3292	32	
キャリアテープ幅 CARRIER TAPE WIDTH		E	D	C	B	A	ENG. NO.	CKT.

54132012.S02