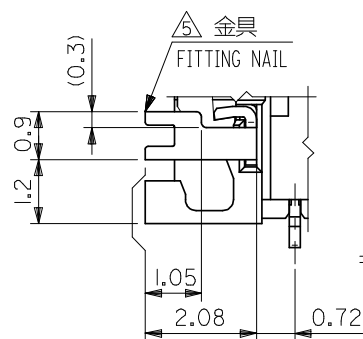
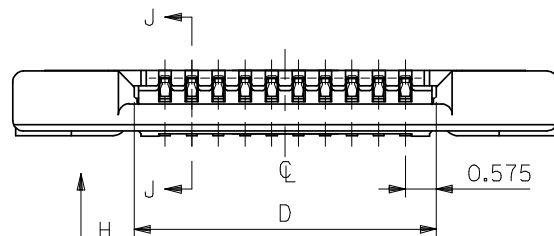
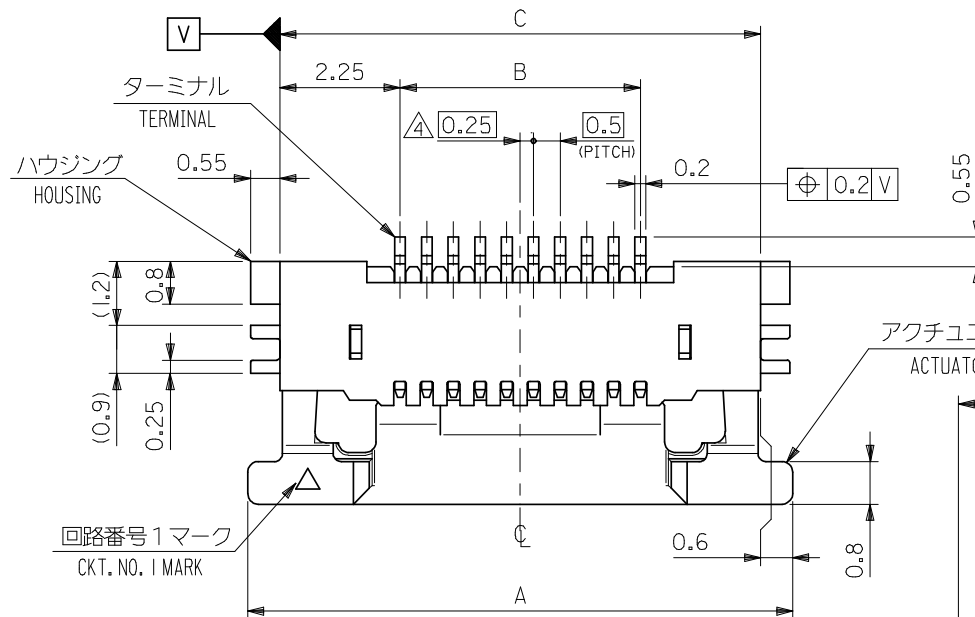
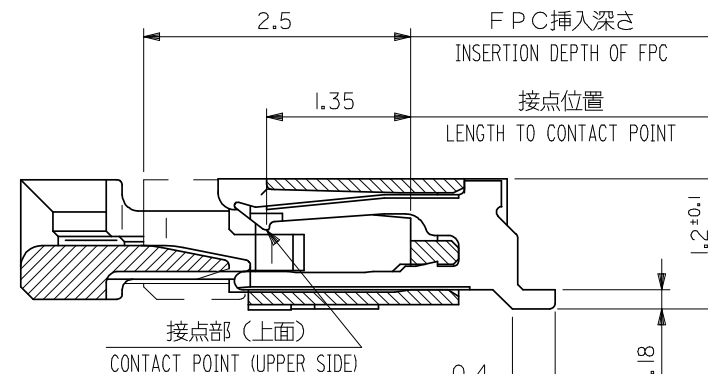
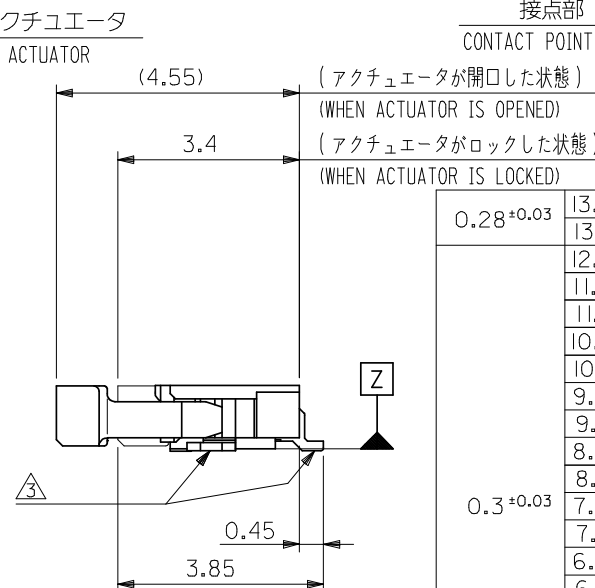




VIEW H



SECT. J-J
SCALE 20:1



0.28 ^{+0.03}	13.65	17	12.5	18.2	54550-2694	54550-26 19	26
	13.15	16.5	12.0	17.7	54550-2594	54550-25 19	25
0.3 ^{+0.03}	12.65	16	11.5	17.2	54550-2494	54550-24 19	24
	11.65	15	10.5	16.2	54550-2294	54550-22 19	22
	11.15	14.5	10	15.7	54550-2194	54550-21 19	21
	10.65	14	9.5	15.2	54550-2094	54550-20 19	20
	10.15	13.5	9	14.7	54550-1994	54550-19 19	19
	9.65	13	8.5	14.2	54550-1894	54550-18 19	18
	9.15	12.5	8	13.7	54550-1794	54550-17 19	17
	8.65	12	7.5	13.2	54550-1694	54550-16 19	16
	8.15	11.5	7	12.7	54550-1594	54550-15 19	15
	7.65	11	6.5	12.2	54550-1494	54550-14 19	14
	7.15	10.5	6	11.7	54550-1394	54550-13 19	13
	6.65	10	5.5	11.2	54550-1294	54550-12 19	12
	6.15	9.5	5	10.7	54550-1194	54550-11 19	11
	5.65	9	4.5	10.2	54550-1094	54550-10 19	10
	5.15	8.5	4	9.7	54550-0994	54550-09 19	9
	4.65	8	3.5	9.2	54550-0894	54550-08 19	8
	4.15	7.5	3	8.7	54550-0794	54550-07 19	7
	3.65	7	2.5	8.2	54550-0694	54550-06 19	6
	3.15	6.5	2	7.7	54550-0594	54550-05 19	5
	2.65	6.0	1.5	7.2	54550-0494	54550-04 19	4

THICKNESS OF FPC	D	C	B	A	EMBOSSD TAPE	製品番号	極数
					ORDER No. オーダー番号	MATERIAL No.	Ck+
DIMENSION STYLE MM ONLY			SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		

REVISED		EC NO.: J2008-4048		DRAWN: MABEI CHKD: THARYAMA APPR: NUKITA		0808/06/13 0808/06/16 0808/06/16		DESCRIPTION		54550-**-19		MODEL No.		THICKNESS OF FPC		D		C		B		A		EMBEDDED TAIL		ORDER No. オーダー番号		MATERIAL No.		Ck+							
										GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY				SCALE ---		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION															
D		REV		10 UNDER ± 0.2		10 OVER 30 UNDER ± 0.25		30 OVER ± 0.3		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DRAWN BY M. NINOMIYA		DATE '03/12/22		CHECKED BY K. TOJO		DATE '03/12/22		APPROVED BY M. SASAO		DATE '03/12/22		TITLE 0.5 FPC CONN ZIF HOUSING ASSY SMT RA UPPER CONT -LEAD FREE-		MOLEX MOLEX INCORPORATED		DOCUMENT NO. SD-54550-019		SHEET NO. 1 OF 2	

F

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D

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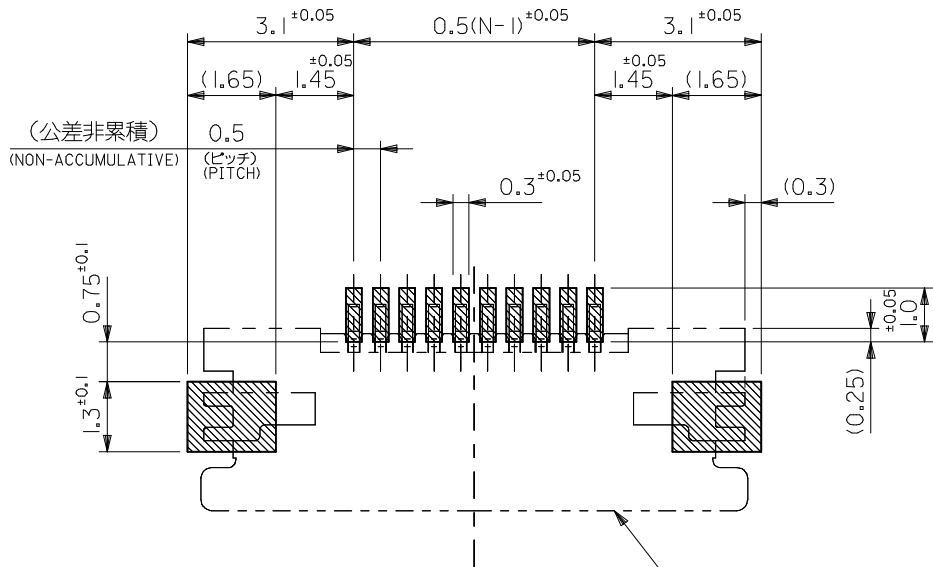
E

D

C

B

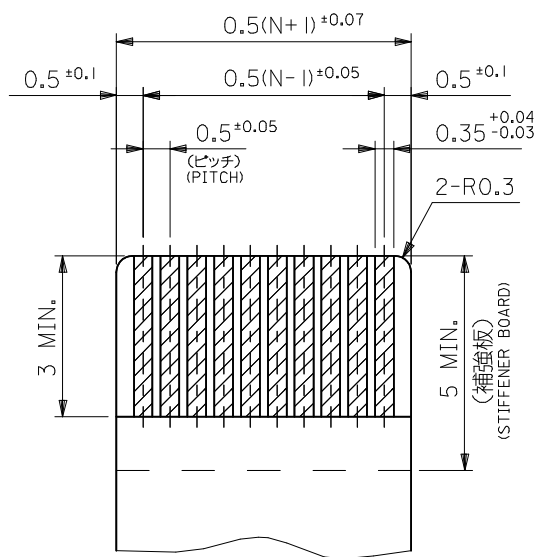
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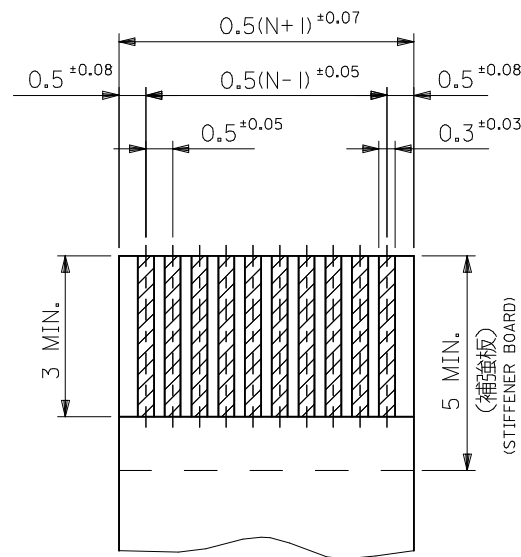
参考基板レイアウト
RECOMMENDED P.C. BOARD
PATTERN DIMENSION (REF.)

(マウント面)
(MOUNTING SIDE)

コネクタ位置
CONNECTOR POSITION



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
(仕上がり厚さ: 表参照)
(THICKNESS: SEE CHART)



適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
(仕上がり厚さ: 表参照)
(THICKNESS: SEE CHART)

注記 NOTES

1. 使用材料 MATERIAL

ハウジング : LCP, UL94V-0
HOUSING

アクチュエータ : PPS, UL94V-0
ACTUATOR

ターミナル : リン青銅 (t=0.2)、ニッケル下地銅ビスマスメッキ
TERMINAL PHOS-BRO,TIN-BISMUTH OVER NICKEL PLATED

金具 : リン青銅 (t=0.2)、ニッケル下地銅メッキ
FITTING NAIL PHOS-BRO,TIN OVER NICKEL PLATED

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.54550-**17 SHOULD BE LOCKED.

△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 Z
に対し上方向 0 MAX.、下方向 0.15 MAX. とし

相互のバラツキ量は 0.1 MAX. とする。

MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM Z
UPPER DIRECTION: 0 MAX., LOWER DIRECTION: 0.15 MAX.

OFFSET BETWEEN UPPER AND LOWER 0.1 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.

2. 本製品は 54550-**17 の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 54550-**17.

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
を推奨いたします。

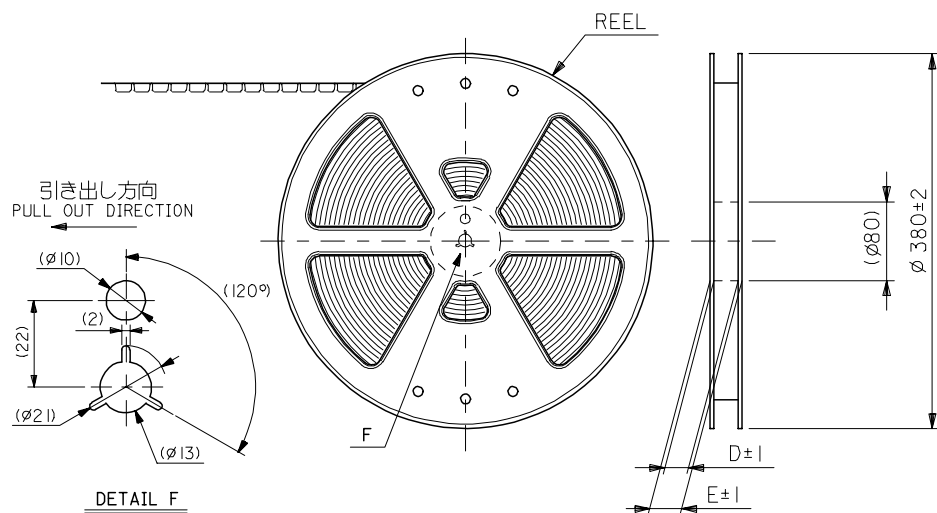
RECOMMENDED PUNCHER DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

RECOMMENDED CONDUCTOR SPEC:

THICKNESS OF SOFT COPPER FOIL :35 MICROMETER or 50 MICROMETER

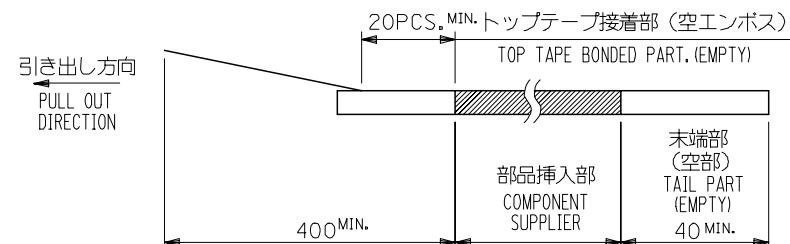
REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
EC NO: J2008-4048		10 UNDER ± 0.2		DRAWN BY M.NINOMIYA DATE '03/12/22		TITLE 0.5 FPC CONN ZIF HOUSING ASSY SMT RA UPPER CONT -LEAD FREE-			
DRWN:MABEI		10 OVER 30 UNDER ± 0.25		CHECKED BY K. TOJO DATE '03/12/22					
CHK'D:THARUYAMA		30 OVER ± 0.3		APPROVED BY M. SASAO DATE '03/12/22		molex MOLEX INCORPORATED			
APPR:NUKITA		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-54550-019			2 OF 2
D				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
REV									

10 9 8 7 6 5 4 3 2 1

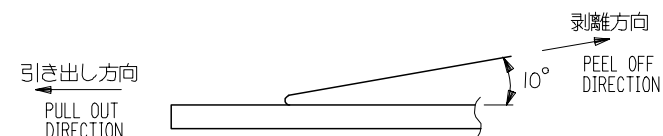


NOTES

- 製品詳細寸法については図面 54550-**-19 を参照下さい。
RE DETAILED DIMENSION, SEE 54550-**-19
- 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



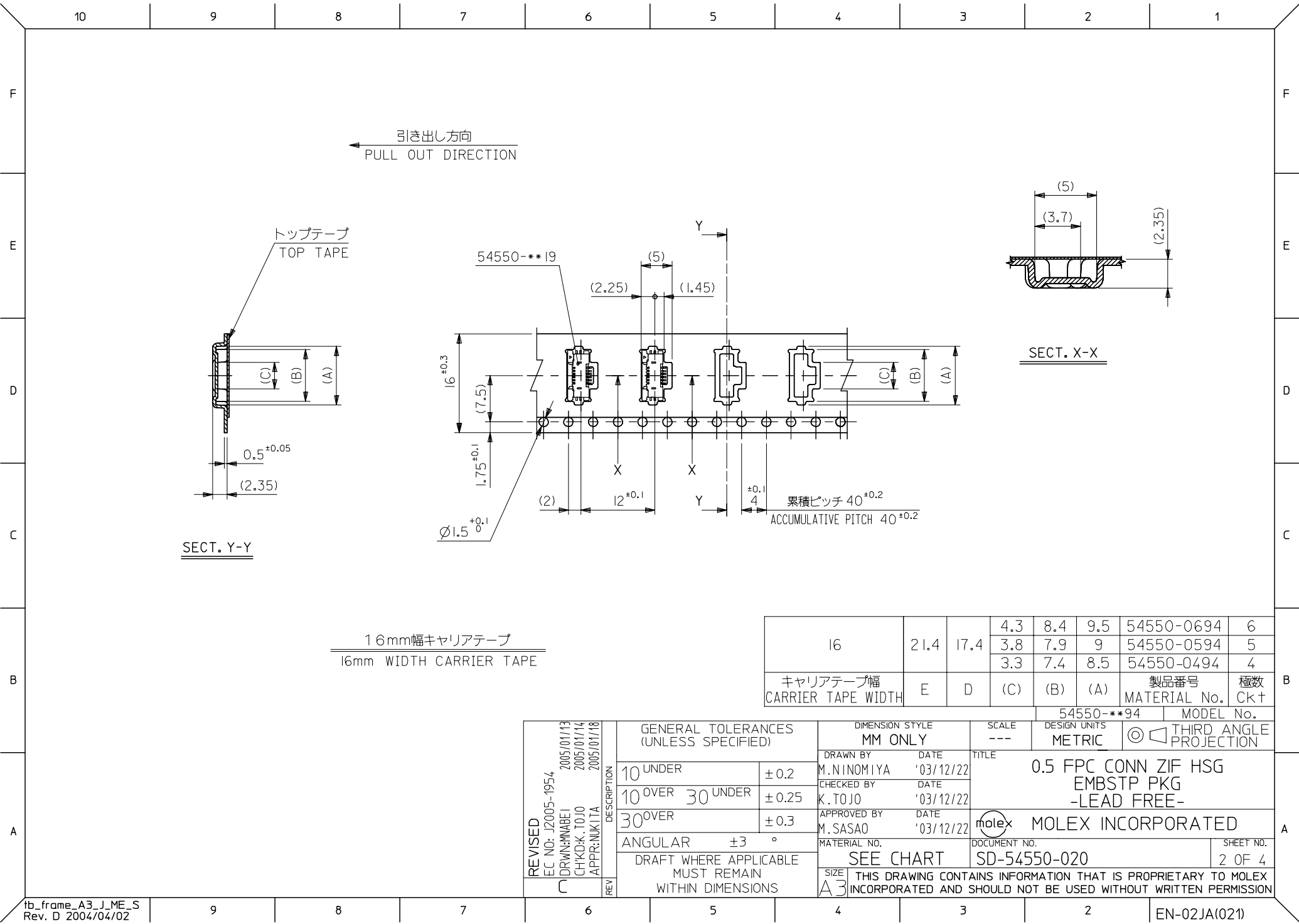
- トップテープの剥離強度 : 0.1N ~ 1.3N (10gf ~ 130gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1N ~ 1.3N (10gf ~ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.

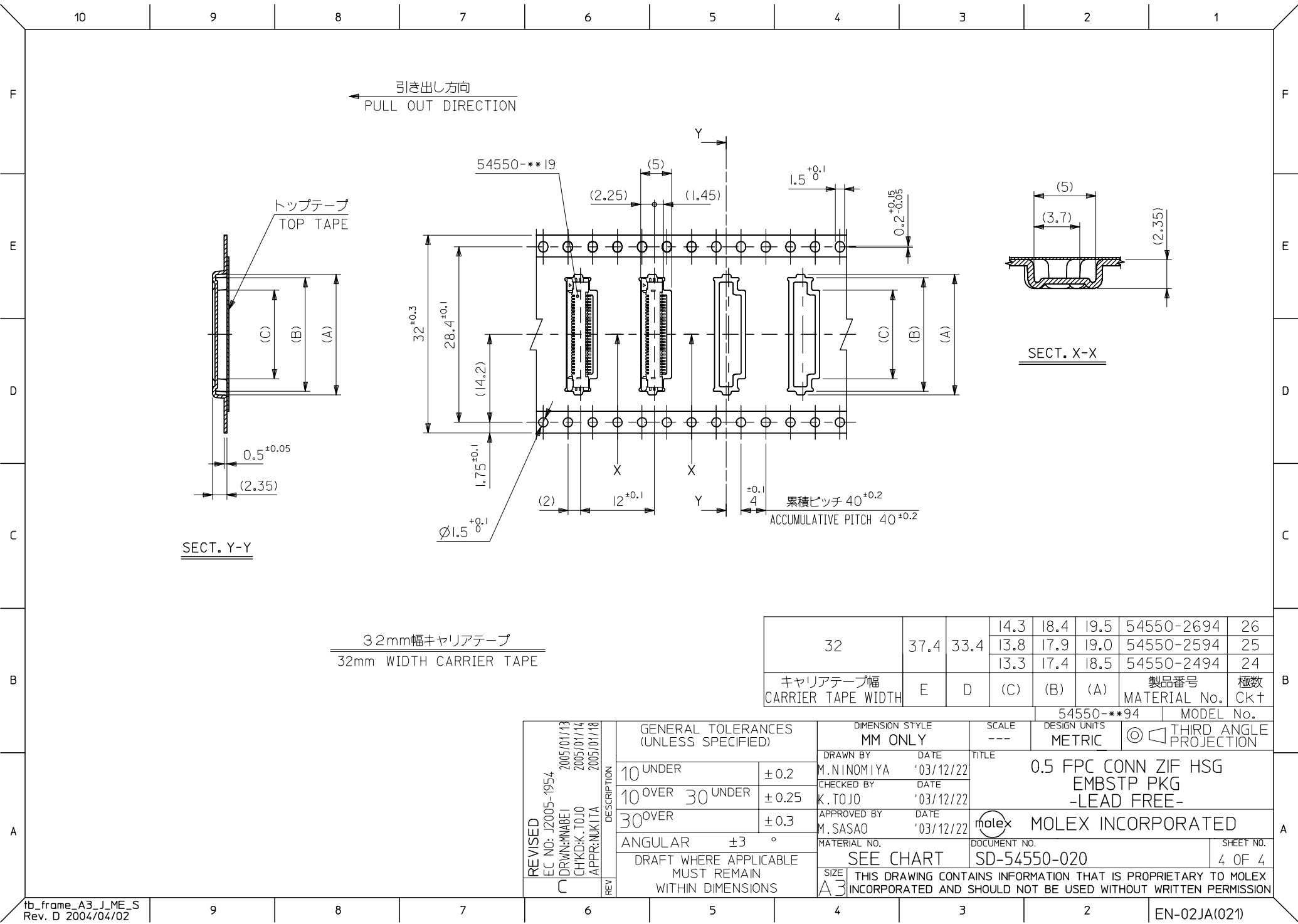


- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

- 本製品は 54550-**-90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54550-**-90.

54550-**-94		MODEL No.	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DESIGN UNITS METRIC	
DIMENSION STYLE MM ONLY		THIRD ANGLE PROJECTION	
10 UNDER	±0.2	0.5 FPC CONN ZIF HSG EMBSTP PKG -LEAD FREE-	
10 OVER 30 UNDER	±0.25		
30 OVER	±0.3		
ANGULAR	±3 °	MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD-54550-020	
SEE CHART		SHEET NO. 1 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			





32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	14.3	18.4	19.5	54550-2694	26
			13.8	17.9	19.0	54550-2594	25
			13.3	17.4	18.5	54550-2494	24
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	製品番号 MATERIAL No.	極数 CK+

REVISED EC NO: J2005-1954 DRWN: NABE1 CHKD: K. TOJO APPR: NUKITA 2005/01/13 2005/01/14 2005/01/18	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M. NINOMIYA	DATE '03/12/22	TITLE 0.5 FPC CONN ZIF HSG EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE '03/12/22					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '03/12/22	molex MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54550-020		4 OF 4		
		REV		SIZE: A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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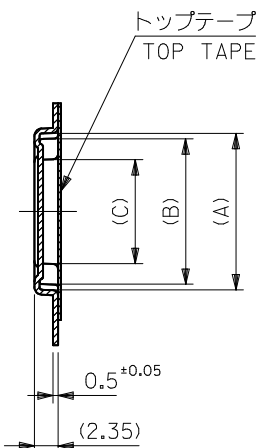
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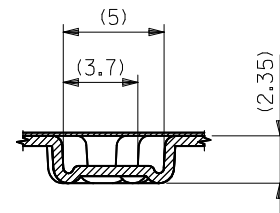
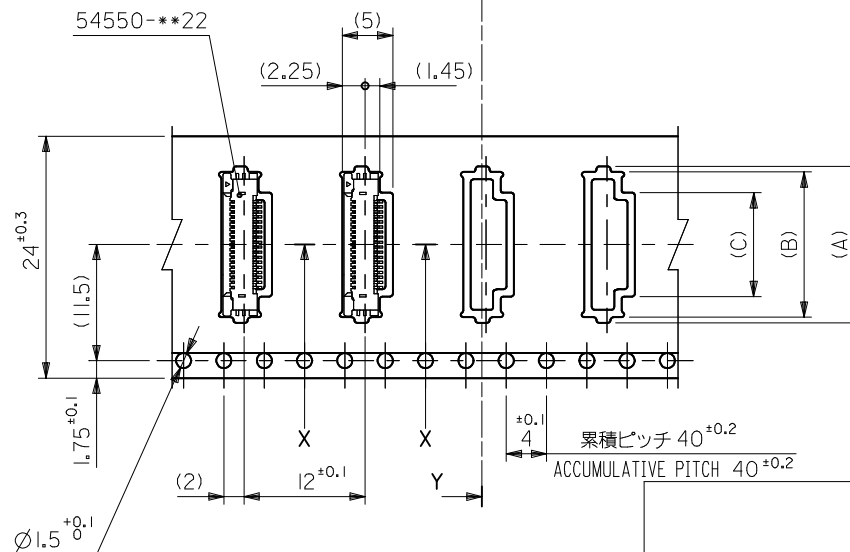
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引き出し方向
PULL OUT DIRECTION

SECT. Y-Y



SECT. X-X

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	12.3	16.4	17.5	54550-2233	22
			11.8	15.9	17	54550-2133	21
			11.3	15.4	16.5	54550-2033	20
			10.8	14.9	16	54550-1933	19
			10.3	14.4	15.5	54550-1833	18
			9.8	13.9	15	54550-1733	17
			9.3	13.4	14.5	54550-1633	16
			8.8	12.9	14	54550-1533	15
			8.3	12.4	13.5	54550-1433	14
			7.8	11.9	13	54550-1333	13
			7.3	11.4	12.5	54550-1233	12
			6.8	10.9	12	54550-1133	11
			6.3	10.4	11.5	54550-1033	10
			5.8	9.9	11	54550-0933	9
5.3	9.4	10.5	54550-0833	8			
4.8	8.9	10	54550-0733	7			
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	製品番号 MATERIAL No.	極数 Ckt
					54550-**33	MODEL No.	

RELEASED EC NO: J2013-1014 DRWN: NKONDO 2012/09/13 CHKD: K TAKAHASHI 2012/09/13 APPR: KMORI KAWA 2013/03/15	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY NKONDO	DATE 2012/09/13	TITLE EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY molex			
		10 OVER 30 UNDER	± 0.25	CHECKED BY K TAKAHASHI	DATE 2012/09/13				
		30 OVER	± 0.3	APPROVED BY KMORI KAWA	DATE 2013/03/15				
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54550-076		3 OF 4		
	REV 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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