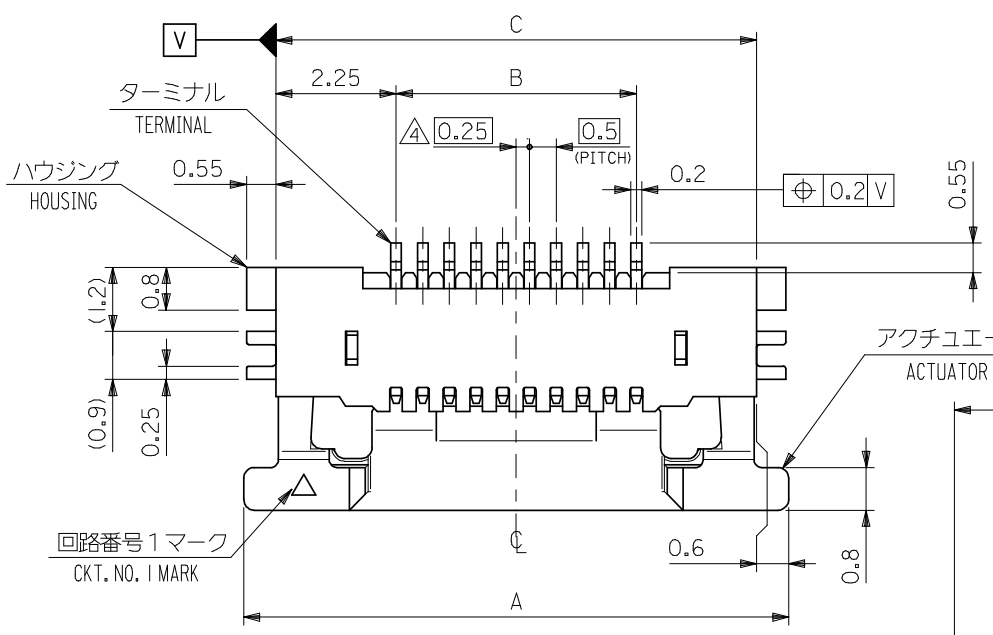
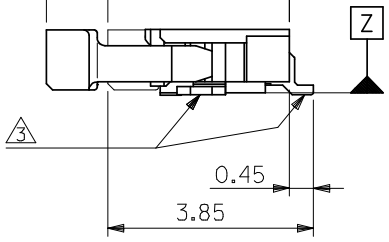
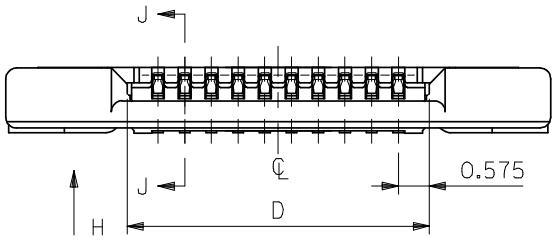
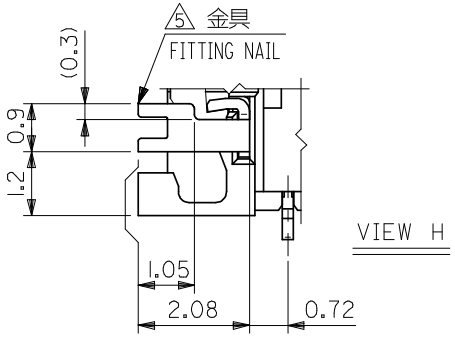
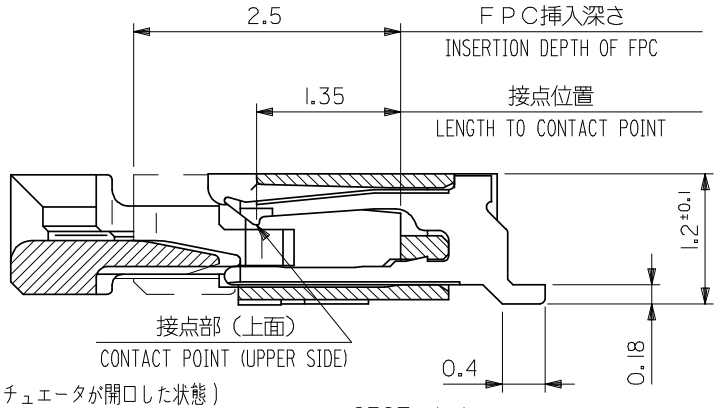










SECT. J-J
SCALE 20:1

THICKNESS OF FPC	D	C	B	A	EMBOSSED TAPE / ORDER No. オーダー番号	製品番号 MATERIAL No.	極数 Ckt
0.28±0.03	13.65	17	12.5	18.2	54550-2694	54550-2619	26
	13.15	16.5	12.0	17.7	54550-2594	54550-2519	25
0.3±0.03	12.65	16	11.5	17.2	54550-2494	54550-2419	24
	11.65	15	10.5	16.2	54550-2294	54550-2219	22
	11.15	14.5	10	15.7	54550-2194	54550-2119	21
	10.65	14	9.5	15.2	54550-2094	54550-2019	20
	10.15	13.5	9	14.7	54550-1994	54550-1919	19
	9.65	13	8.5	14.2	54550-1894	54550-1819	18
	9.15	12.5	8	13.7	54550-1794	54550-1719	17
	8.65	12	7.5	13.2	54550-1694	54550-1619	16
	8.15	11.5	7	12.7	54550-1594	54550-1519	15
	7.65	11	6.5	12.2	54550-1494	54550-1419	14
	7.15	10.5	6	11.7	54550-1394	54550-1319	13
	6.65	10	5.5	11.2	54550-1294	54550-1219	12
	6.15	9.5	5	10.7	54550-1194	54550-1119	11
	5.65	9	4.5	10.2	54550-1094	54550-1019	10
	5.15	8.5	4	9.7	54550-0994	54550-0919	9
	4.65	8	3.5	9.2	54550-0894	54550-0819	8
	4.15	7.5	3	8.7	54550-0794	54550-0719	7
	3.65	7	2.5	8.2	54550-0694	54550-0619	6
	3.15	6.5	2	7.7	54550-0594	54550-0519	5
	2.65	6.0	1.5	7.2	54550-0494	54550-0419	4

54550-**19 MODEL No.

REVISED
EC NO: J2008-4048 2008/06/13
DRWN:MNABEI 2008/06/16
CH'KD:THARUYAMA 2008/06/16
APPR:NUKITA 2008/06/16
DESCRIPTION
REV D

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

DRAWN BY: M.NINOMIYA DATE: '03/12/22
CHECKED BY: K.TOJO DATE: '03/12/22
APPROVED BY: M.SASAO DATE: '03/12/22

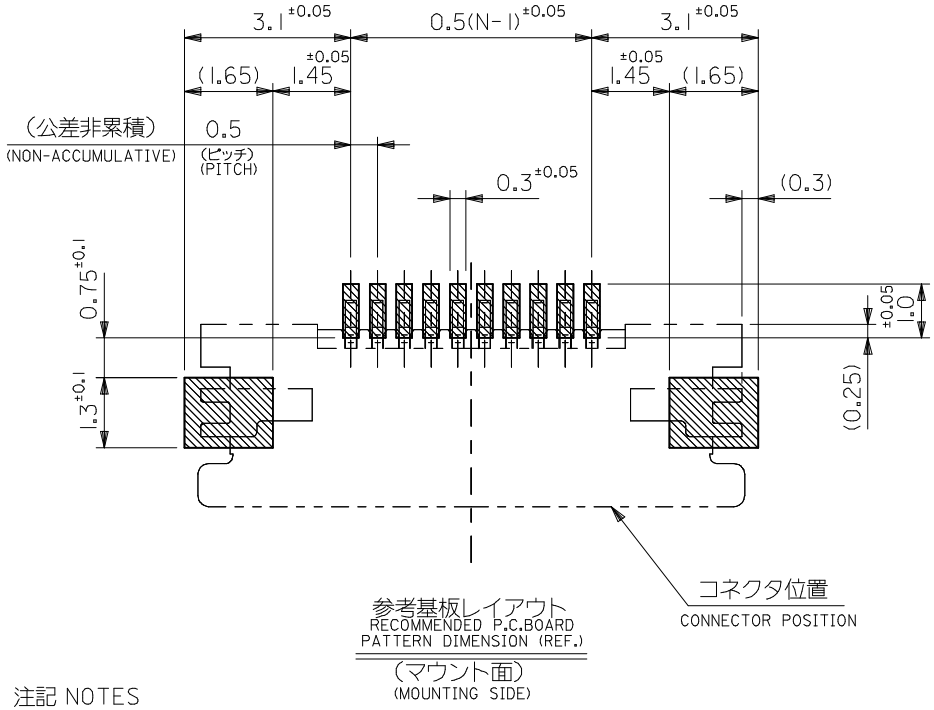
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MOLEX INCORPORATED

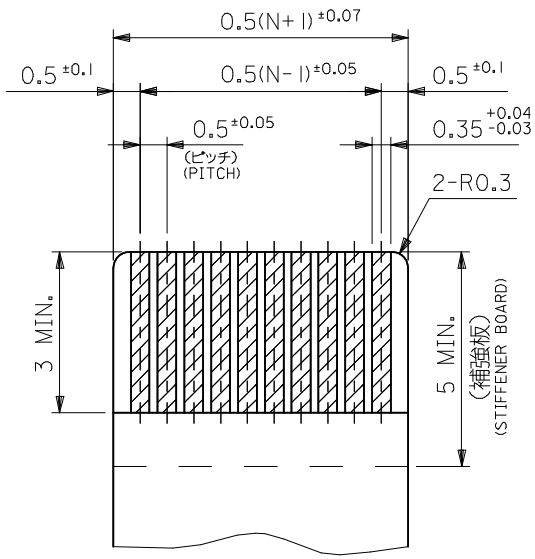
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-54550-019
SHEET NO.: 1 OF 2

SIZE A3

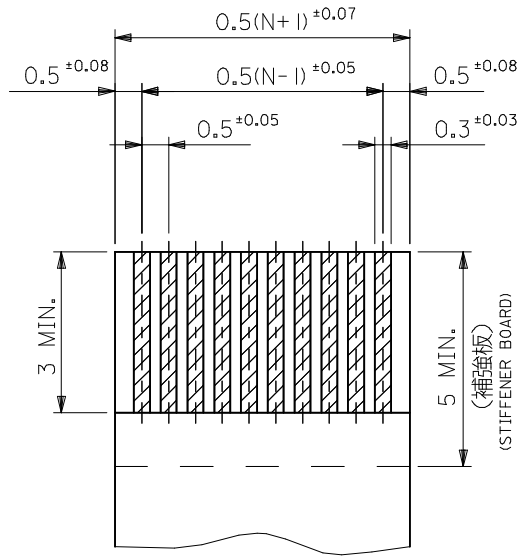
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



参考基板レイアウト
RECOMMENDED P.C.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：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 HOUSING	：LCP，UL94V−0
アクチュエータ ACTUATOR	：PPS，UL94V−0
ターミナル TERMINAL	：リン青銅（t=0.2）、ニッケル下地錫ビスマスメッキ PHOS-BRO,TIN-BISMUTH OVER NICKEL PLATED
金具 FITTING NAIL	：リン青銅（t=0.2）、ニッケル下地錫メッキ 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.

3 ソルダー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 Z に対し上方向 0MAX.、下方向 0.15MAX. とし
相互のバラツキ量は0.1MAX. 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.

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.

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マイクロメーターまたは50マイクロメーターを推奨いたします。
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED CONDUCTOR SPEC:
THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER or 50 MICROMETER

REVISED
EC NO: J2008-4048 2008/06/13
DRWN:MNABEI 2008/06/16
CH'KD:THARUYAMA 2008/06/16
APPR:NUKITA
DESCRIPTION
REV
D

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
DRAWN BY / DATE	M.NINOMIYA '03/12/22
CHECKED BY / DATE	K.TOJO '03/12/22
APPROVED BY / DATE	M.SASAO '03/12/22
MATERIAL NO.	SEE SHEET 1
SIZE	A3

54550-**19 MODEL No.

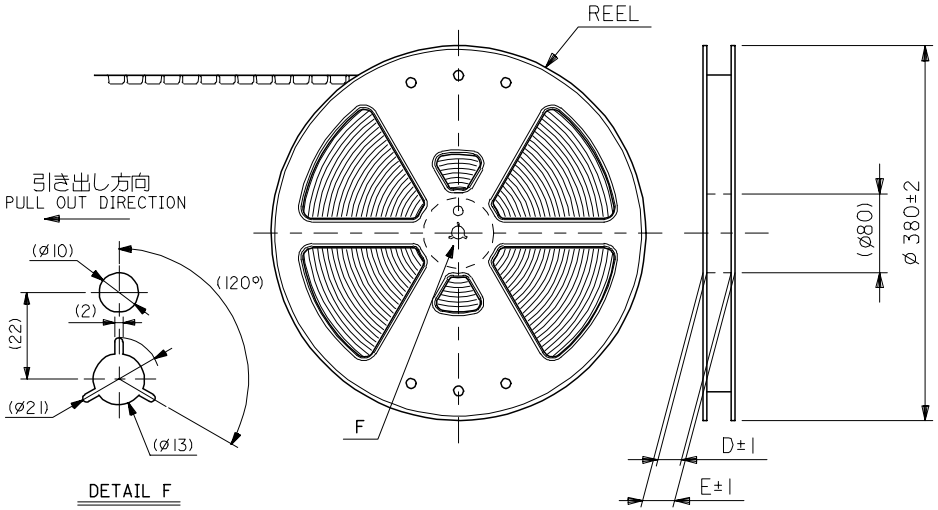
TITLE
0.5 FPC CONN ZIF HOUSING ASSY SMT RA UPPER CONT -LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO. SD-54550-019

SHEET NO. 2 OF 2

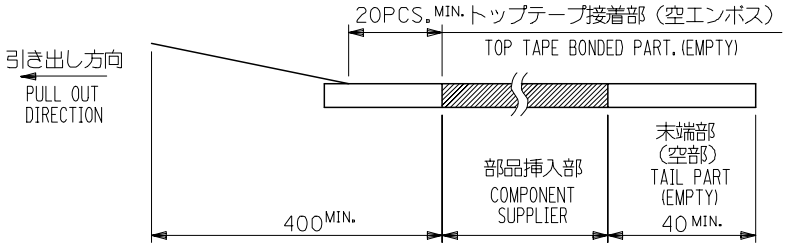
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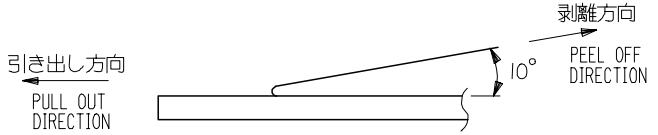
DETAIL F

NOTES

1. 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
2. 梱包数量：3000個／リール
   NUMBER OF CONNECTORS : 3000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



4. 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(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>

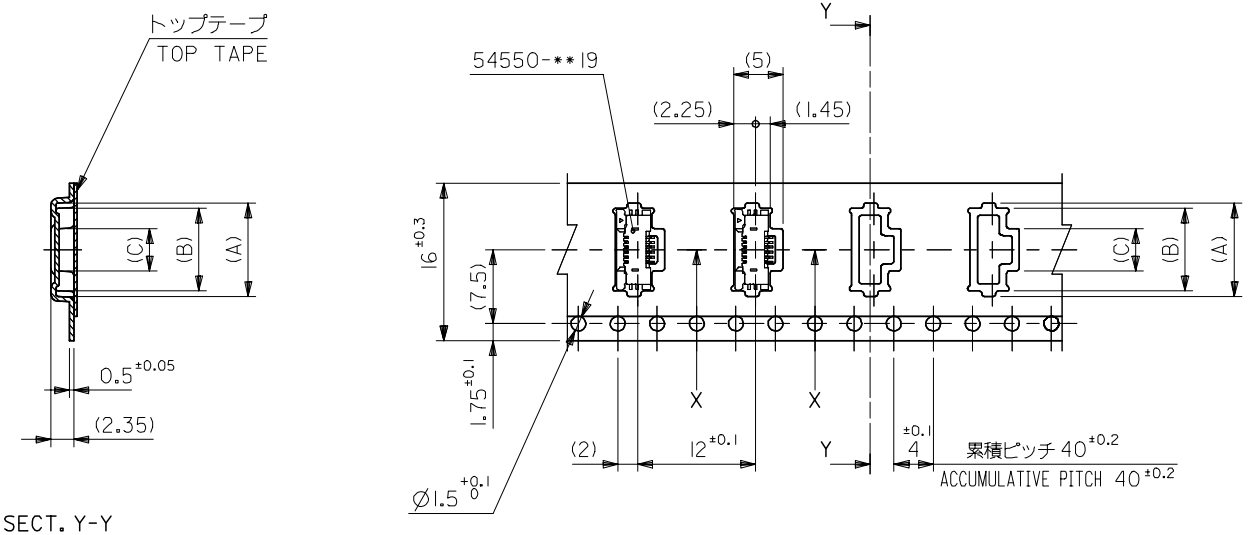
5. 本製品は　54550-**90　の鉛フリー品である。
   THIS PRODUCT IS LEAD FREE OF 54550-**90.

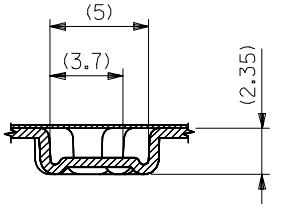
REVISED EC NO: J2005-1954	DRWN:MNABEI	2005/01/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	CHKD:K.TOJO	2005/01/14		10 UNDER	±0.2
	APPR:NUKITA	2005/01/18		10 OVER 30 UNDER	±0.25
			REV	30 OVER	±0.3
				ANGULAR ±3 °	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

54550-**94			MODEL No.
DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: M.NINOMIYA DATE: '03/12/22	TITLE: 0.5 FPC CONN ZIF HSG EMBSTP PKG -LEAD FREE-		
CHECKED BY: K.TOJO DATE: '03/12/22			
APPROVED BY: M.SASAO DATE: '03/12/22	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-54550-020		SHEET NO.: 1 OF 4

SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

引き出し方向
PULL OUT DIRECTION





16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

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
16	21.4	17.4	4.3	8.4	9.5	54550-0694	6
			3.8	7.9	9	54550-0594	5
			3.3	7.4	8.5	54550-0494	4

54550-**94 MODEL No.

REVISED
EC NO: J2005-1954 2005/01/13
DRWN:MNABEI 2005/01/14
CHKD:K.TOJO 2005/01/18
APPR:NUKITA
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

DRAWN BY: M.NINOMIYA DATE: '03/12/22
CHECKED BY: K.TOJO DATE: '03/12/22
APPROVED BY: M.SASAO DATE: '03/12/22

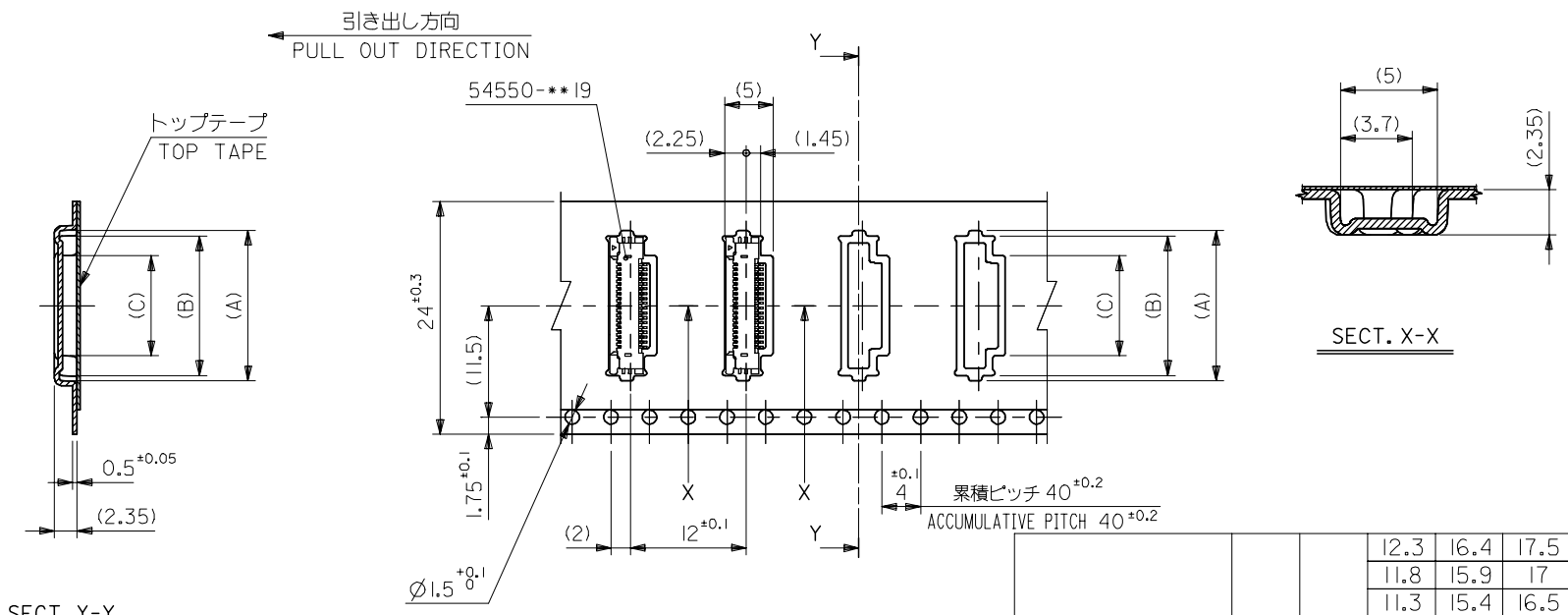
TITLE: 0.5 FPC CONN ZIF HSG EMBSTP PKG -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-54550-020
SHEET NO.: 2 OF 4

SIZE A3

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



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

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
24	29.4	25.4	12.3	16.4	17.5	54550-2294	22
			11.8	15.9	17	54550-2194	21
			11.3	15.4	16.5	54550-2094	20
			10.8	14.9	16	54550-1994	19
			10.3	14.4	15.5	54550-1894	18
			9.8	13.9	15	54550-1794	17
			9.3	13.4	14.5	54550-1694	16
			8.8	12.9	14	54550-1594	15
			8.3	12.4	13.5	54550-1494	14
			7.8	11.9	13	54550-1394	13
			7.3	11.4	12.5	54550-1294	12
			6.8	10.9	12	54550-1194	11
			6.3	10.4	11.5	54550-1094	10
			5.8	9.9	11	54550-0994	9
			5.3	9.4	10.5	54550-0894	8
			4.8	8.9	10	54550-0794	7

54550-**94 MODEL No.

REVISED
EC NO: J2005-1954 2005/01/13
DRWN:MNABEI 2005/01/14
CHKD:K.TOJO 2005/01/18
APPR:NUKITA
REV DESCRIPTION

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

DRAWN BY: M.NINOMIYA DATE: '03/12/22
CHECKED BY: K.TOJO DATE: '03/12/22
APPROVED BY: M.SASAO DATE: '03/12/22

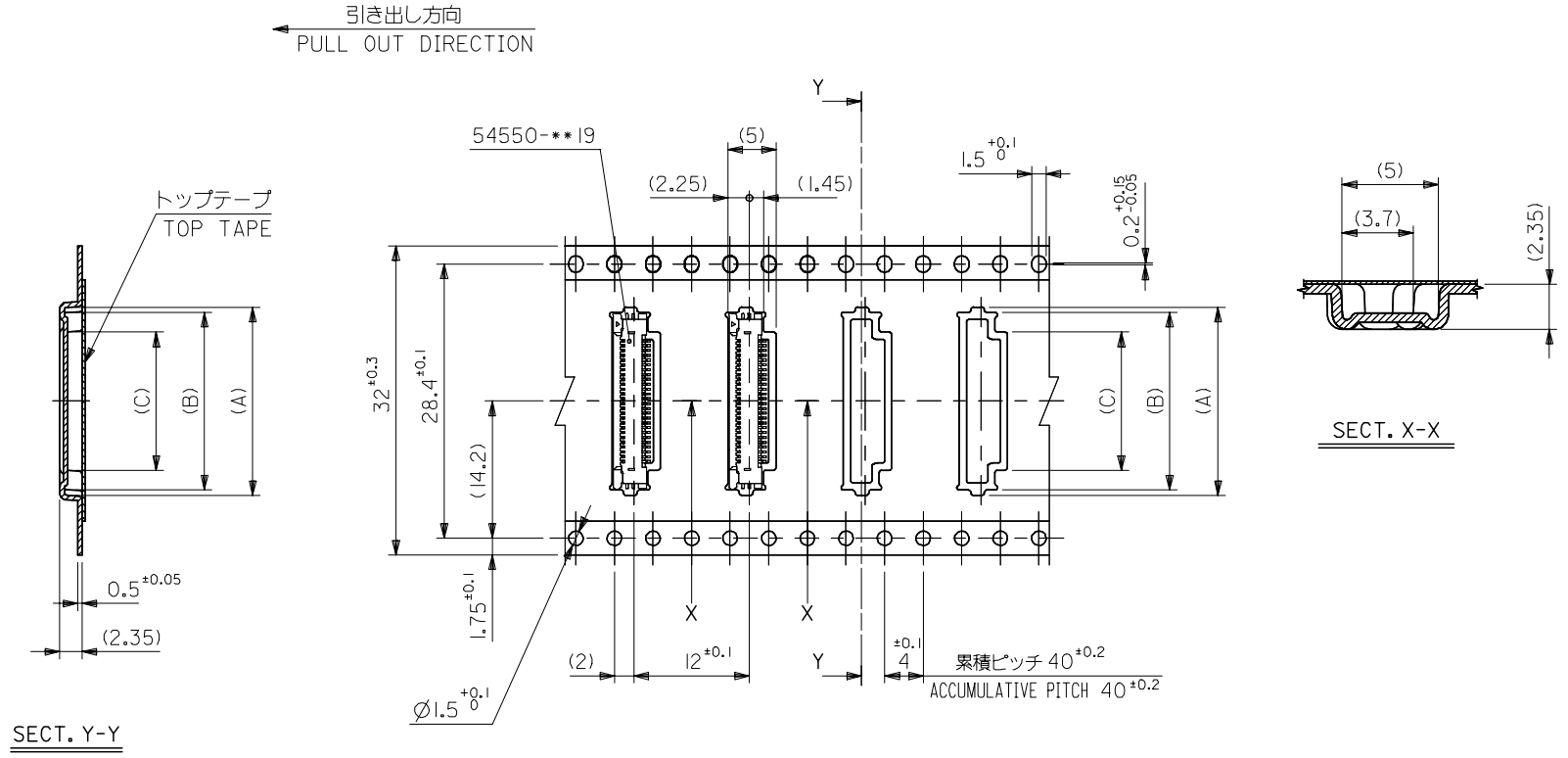
TITLE: 0.5 FPC CONN ZIF HSG EMBSTP PKG -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-54550-020
SHEET NO.: 3 OF 4

SIZE A3

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

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
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

54550-**94 MODEL No.

REVISED
EC NO: J2005-1954 2005/01/13
DRWN:MNABEI 2005/01/14
CHKD:K.TOJO 2005/01/18
APPR:NUKITA
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

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 HSG EMBSTP PKG -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-54550-020
SHEET NO.: 4 OF 4

SIZE A3

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