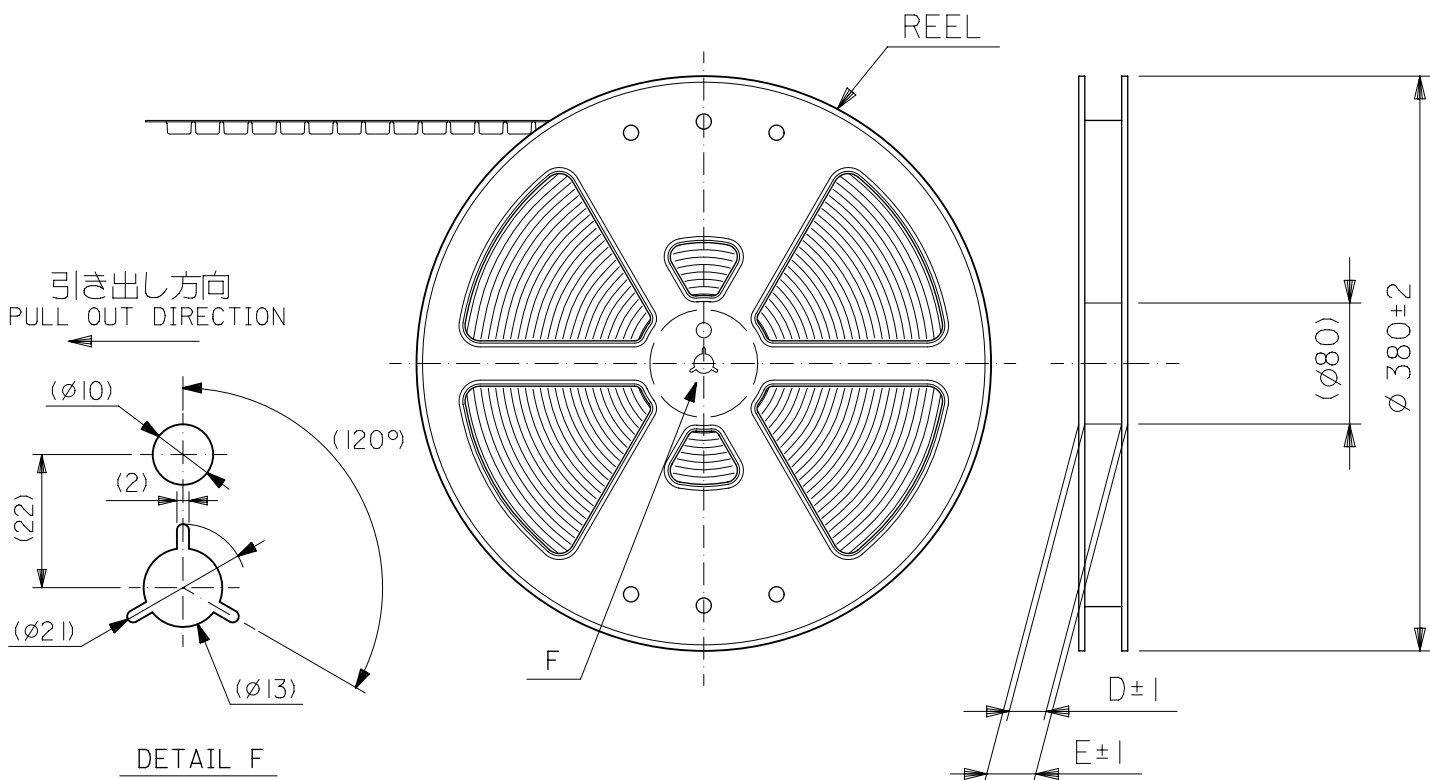
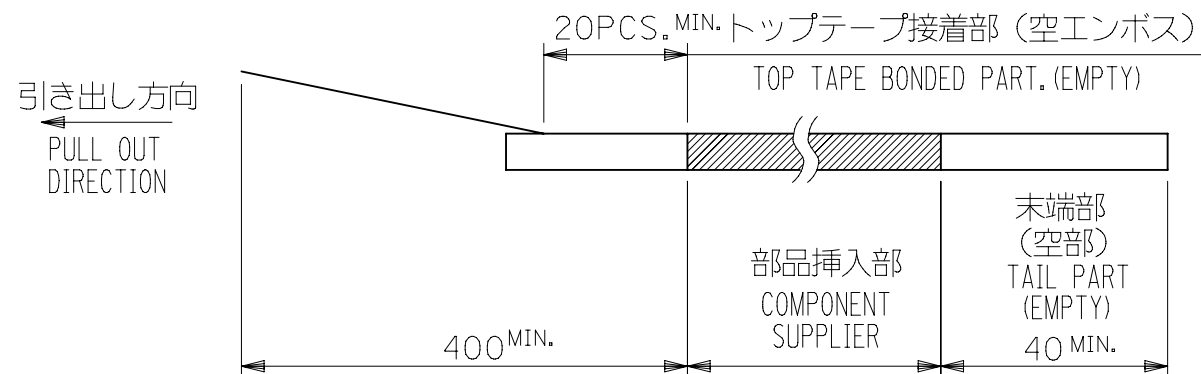




NOTES

- 製品詳細寸法については図面 545501000/PSD/000 を参照下さい。
RE DETAILED DIMENSION, SEE 545501000/PSD/000
- 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



- カバートープの剥離強度については、IEC60286-3に準拠
Cover tape peel force is defined by IEC60286-3.

- 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＞

- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

54550-**34 MODEL No.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 710011 DRWN: NARENC 2022/05/30 CHK'D: YNAITO 2022/06/10 APPR: SHOSHIKAWA 2022/06/10 INITIAL REVISION: DRWN: NARENC 2022/05/30 APPR: SHOSHIKAWA 2022/06/10			molex EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY								
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING								
ANGULAR TOL ± 3.0°															
4 PLACES		±													
3 PLACES		±		DOCUMENT NUMBER 545500000			DOC TYPE		DOC PART	REVISION					
2 PLACES		±					PSD		000	A					
1 PLACE		±													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		54550		SEE TABLE		GENERAL MARKET		1 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/10	11:53:06
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F

F	
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E

E

D

D

C

C

B

B

A

A

引き出し方向
PULL OUT DIRECTION

トッパテープ
TOP TAPE

54550-** 23

SECT. X-X

SECT. Y-Y

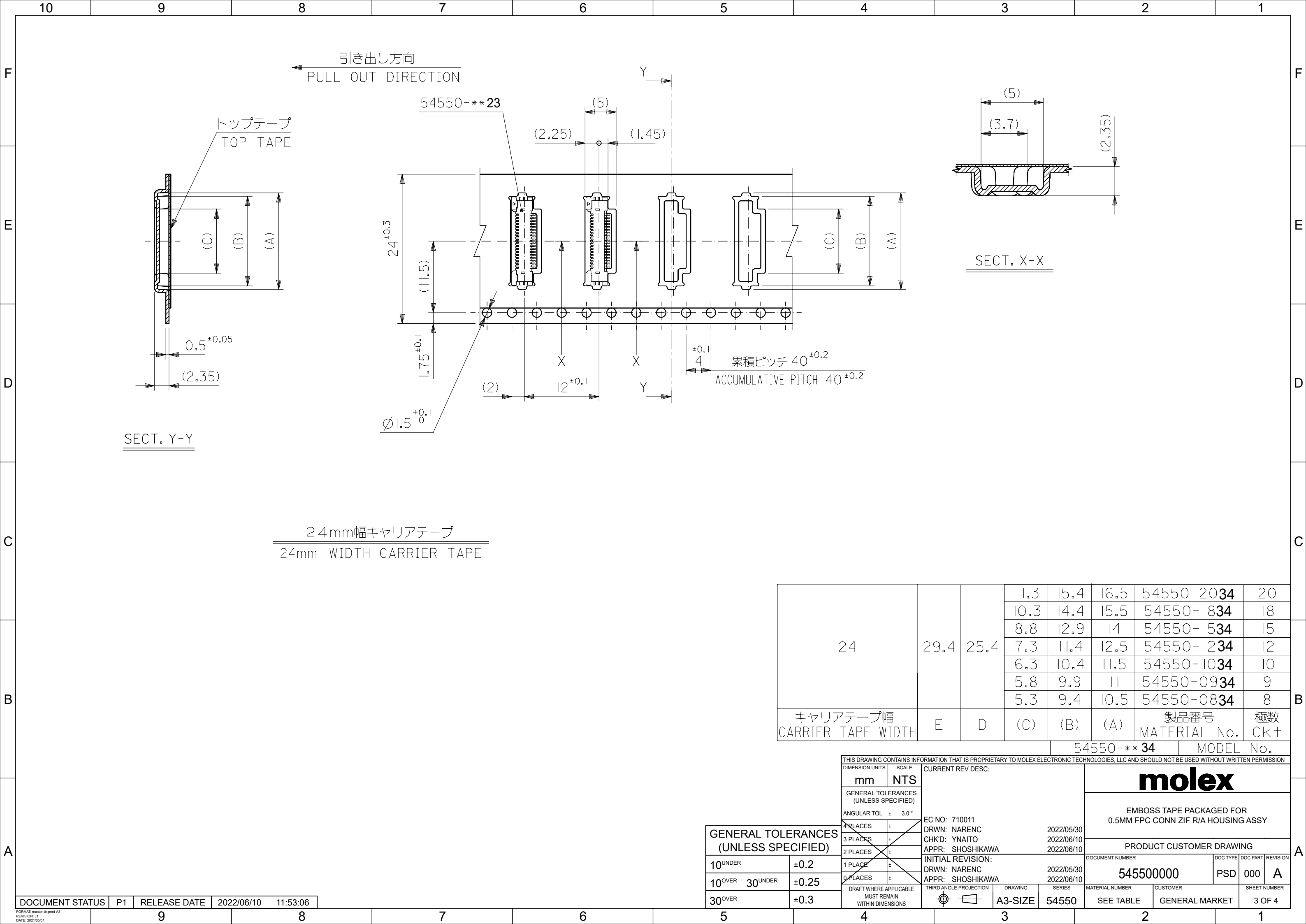
16mm幅キャリアテープ

16mm WIDTH CARRIER TAPE

16	21.4	17.4	4.3	8.4	9.5	54550-06 34	6
			3.8	7.9	9	54550-05 34	5
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+
				54550-** 34		MODEL No.	

GENERAL TOLERANCES (UNLESS SPECIFIED)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
		DIMENSION UNITS	SCALE
		mm	NTS
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ± 3.0 °		CURRENT REV DESC:	
4 PLACES ±		EC NO: 710011	
3 PLACES ±		DRWN: NARENC 2022/05/30	
2 PLACES ±		CHK'D: YNAITO 2022/06/10	
1 PLACE ±		APPR: SHOSHIKAWA 2022/06/10	
0 PLACES ±		INITIAL REVISION:	
10 ^{UNDER} ±0.2		DRWN: NARENC 2022/05/30	
10 ^{OVER} 30 ^{UNDER} ±0.25		APPR: SHOSHIKAWA 2022/06/10	
30 ^{OVER} ±0.3		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	SERIES
		A3-SIZE	54550
		MATERIAL NUMBER	
		SEE TABLE	
		CUSTOMER	
		GENERAL MARKET	
		SHEET NUMBER	
		2 OF 4	

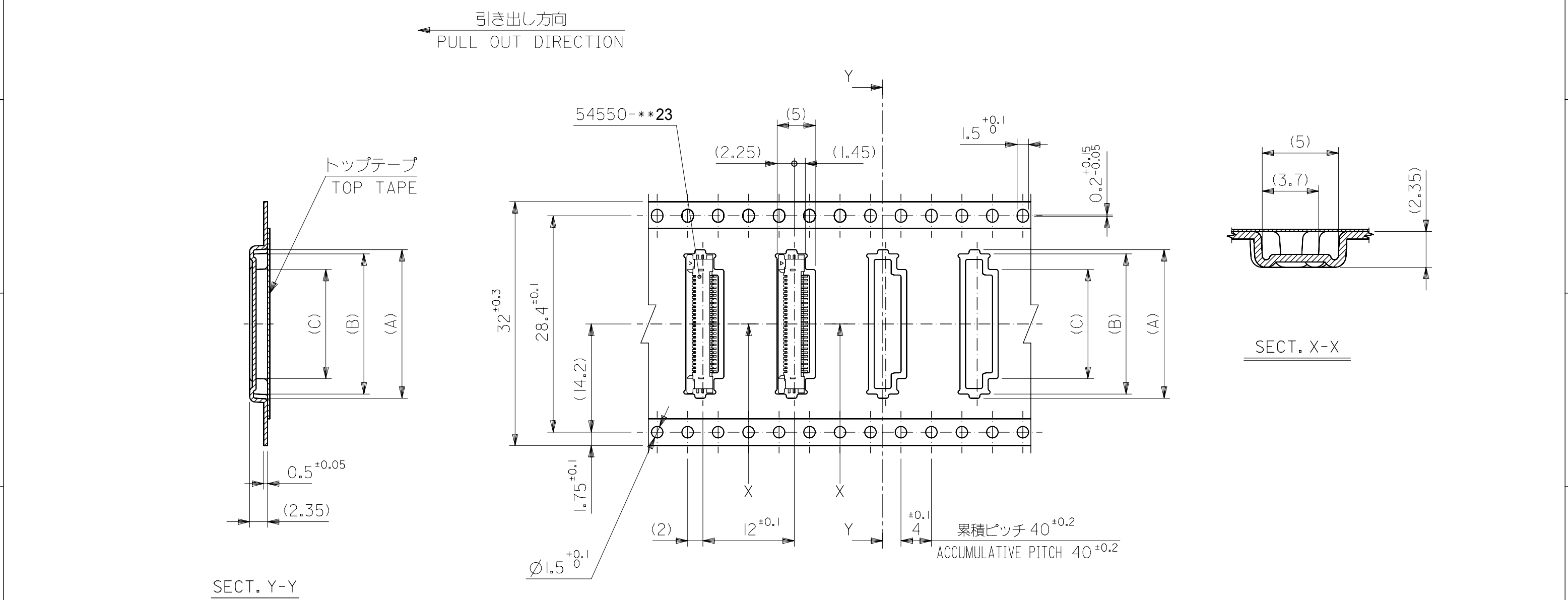
DOCUMENT STATUS	P1	RELEASE DATE	2022/06/10	11:53:06
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24	29.4	25.4	11.3	15.4	16.5	54550-20 34	20
			10.3	14.4	15.5	54550-18 34	18
			8.8	12.9	14	54550-15 34	15
			7.3	11.4	12.5	54550-12 34	12
			6.3	10.4	11.5	54550-10 34	10
			5.8	9.9	11	54550-09 34	9
			5.3	9.4	10.5	54550-08 34	8
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+
				54550-** 34		MODEL No.	

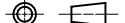
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)								EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY	
ANGULAR TOL ± 3.0°									
4 PLACES ±									
3 PLACES ±				EC NO: 710011		2022/05/30			
2 PLACES ±				DRWN: NARENC		2022/06/10			
1 PLACE ±				CHK'D: YNAITO		2022/06/10			
0 PLACES ±				APPR: SHOSHIKAWA		2022/06/10			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				INITIAL REVISION:	
DRAWING				SERIES		DOCUMENT NUMBER		DOC TYPE	
A3-SIZE				54550		545500000		PSD	
MATERIAL NUMBER				CUSTOMER		DOC PART		REVISION	
SEE TABLE				GENERAL MARKET		000		A	
SHEET NUMBER				3 OF 4					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
10 ^{UNDER}		±0.2							
10 ^{OVER} 30 ^{UNDER}		±0.25							
30 ^{OVER}		±0.3							

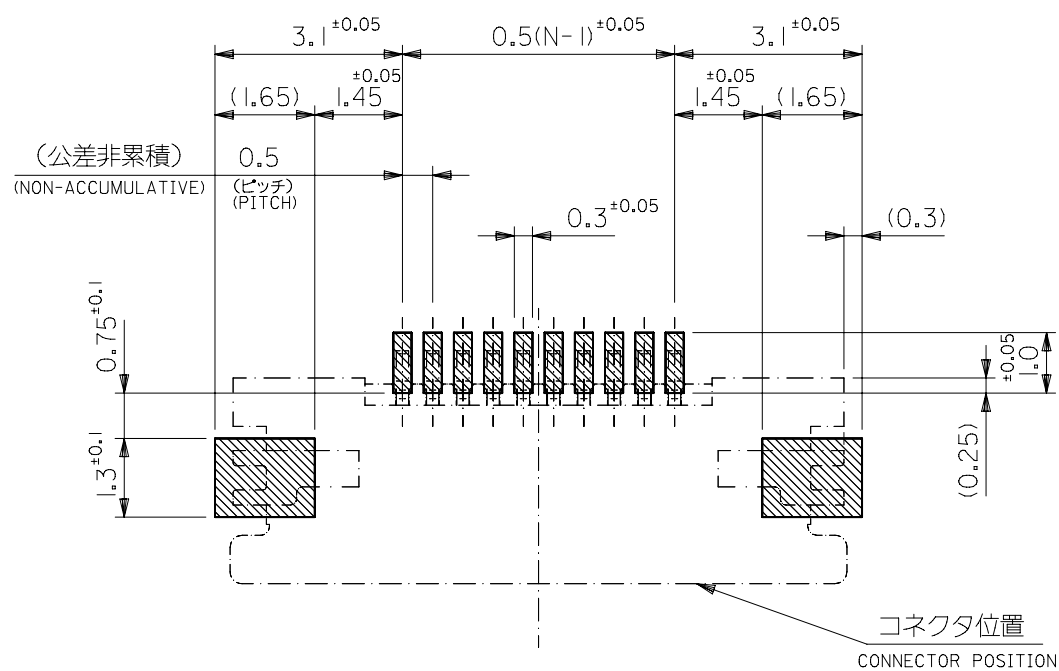
DOCUMENT STATUS	P1	RELEASE DATE	2022/06/10	11:53:06
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32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	13.3	17.4	18.5	54550-24	34	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+	
54550-**-34							MODEL No.	

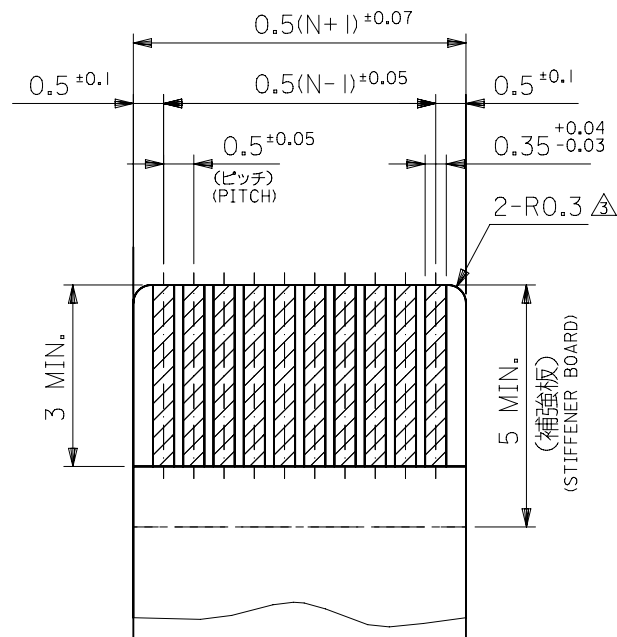
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex											
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 710011 DRWN: NARENC 2022/05/30 CHK'D: YNAITO 2022/06/10 APPR: SHOSHIKAWA 2022/06/10 INITIAL REVISION: DRWN: NARENC 2022/05/30 APPR: SHOSHIKAWA 2022/06/10				EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY							
ANGULAR TOL ± 3.0 °				PRODUCT CUSTOMER DRAWING															
4 PLACES ±		3 PLACES ±		DOCUMENT NUMBER		DOC TYPE						DOC PART		REVISION					
2 PLACES ±		1 PLACE ±		545500000		PSD						000		A					
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING						SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
GENERAL TOLERANCES (UNLESS SPECIFIED)										A3-SIZE		54550		SEE TABLE		GENERAL MARKET		4 OF 4	
10 ^{UNDER}		±0.2																	
10 ^{OVER} 30 ^{UNDER}		±0.25																	
30 ^{OVER}		±0.3																	



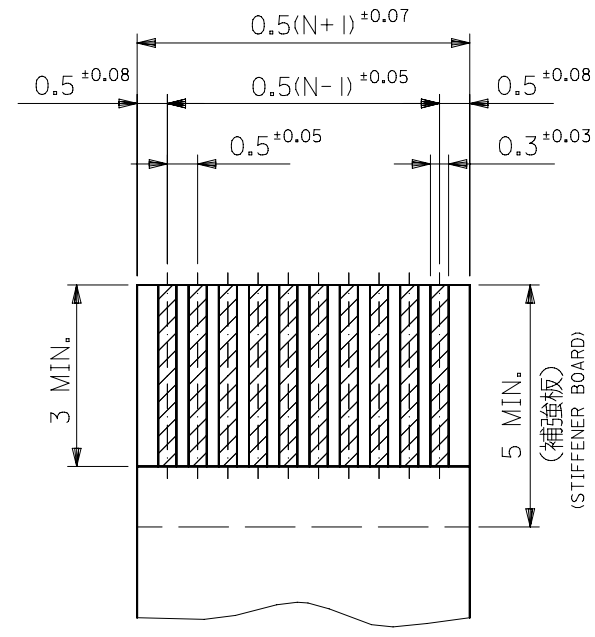
推奨基板レイアウト
RECOMMENDED P.C.BOARD
PATTERN DIMENSION

(マウント面)
(MOUNTING SIDE)

マスク厚 : 100μm
マスク開口率 : 100%
SCREEN THICKNESS : 100μm
SCREEN OPEN TATIO : 100%

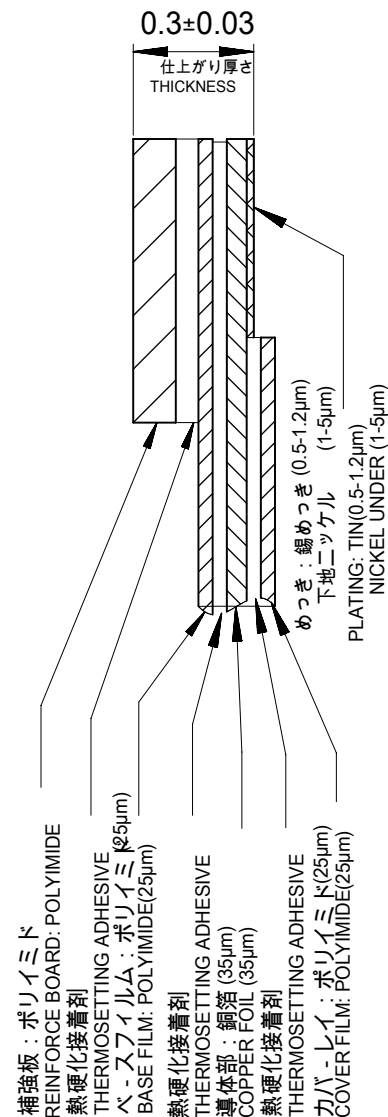


適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
(仕上がり厚さ：表参照)
(THICKNESS:SEE CHART)



適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION

(仕上がり厚さ:表参照)
(THICKNESS:SEE CHART)



FPC構成推奨仕様
STRUCTURE OF FPC

注記 NOTES

I. 使用材料 MATERIAL

ハウジング : 液晶[®] リア- (LCP)、ナチュラル(白色)、
ガラス充填、UL94V - 0

HOUSING LIQUID QLYSTAL POLYMER, NATURAL(WHITE),
GLASS FILLED, UL-94V0

アクチュエータ : ポリフェニレンサルファイド(PPS)、ナチュラル(茶色)
ガラス充填、UL94V-0

ACTUATOR POLYPHENYRENE SULFIDE, NATURAL(BROWN),
GLASS FILLED, UL-94V0

ターミナル : リン青銅 (t=0.2)
TERMINAL PHOSPHOR BRONZE (t=0.2)

金具 : リン青銅 (t=0.2)、
FITTING NAIL PHOSPHOR BRONZE (t=0.2)

△ 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.

△6 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.

8. ELV及びRoHS適合品

ELV AND RoHS COMPLIANT

2. めっき仕様 PLATING
ターミナル TERMINAL
錫銀ビスマスメッキ(1.0μm以上)
下地:ニッケルメッキ(1.0μm以上)
TIN SILVER BISMUTH PLATING (1.0 MICROMETER MINIMUM)
UNDER PLATE : NICKEL PLATING (1.0 MICROMETER MINIMUM)
金具 FITTING NAIL
錫メッキ(1.0μm以上)
下地:ニッケルメッキ(1.0μm以上)
TIN PLATING
TIN PLATING (1.0 MICROMETER MINIMUM)
UNDER PLATE : NICKEL PLATING (1.0 MICROMETER MINIMUM)

△3 R0.3はFPCの導体部にかからないこと

R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.

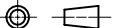
4. エンボステープ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE,ACTUATOR OF PART NO.54550-**23 SHOULD BE LOCKED.

FPC/FFCについて ABOUT FPC/FFC

打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅35μmまたは50μmを推奨します。
RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE
RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL
RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER

FPCについて ABOUT FPC

補強フィルム材質はポリイミドを推奨します。ベースフィルムは25μmを推奨します。
 接着剤は熱硬化接着剤を推奨します。
 尚、接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様、お願い致します。
 RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
 RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
 RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE
 NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

GENERAL TOLERANCES (UNLESS SPECIFIED)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
		DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex 0.5MM FPC CONN ZIF R/A HOUSING ASSY (UPPER CONTACT)							
		mm		NTS															
		GENERAL TOLERANCES (UNLESS SPECIFIED)																	
		ANGULAR TOL ± 3.0 °		4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACES		EC NO: 710011 DRWN: NARENC CHK'D: YNAITO APPR: SHOSHIKAWA INITIAL REVISION: DRWN: NARENC APPR: SHOSHIKAWA						2022/05/30 2022/06/10 2022/06/10 2022/05/30 2022/06/10							
10 ^{UNDER}		±0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
10 ^{OVER} 30 ^{UNDER}		±0.25						A3-SIZE		54550		545501000		PSD		000		A	
30 ^{OVER}		±0.3						SEE TABLE		GENERAL MARKET		SHEET NUMBER		2 OF 2					