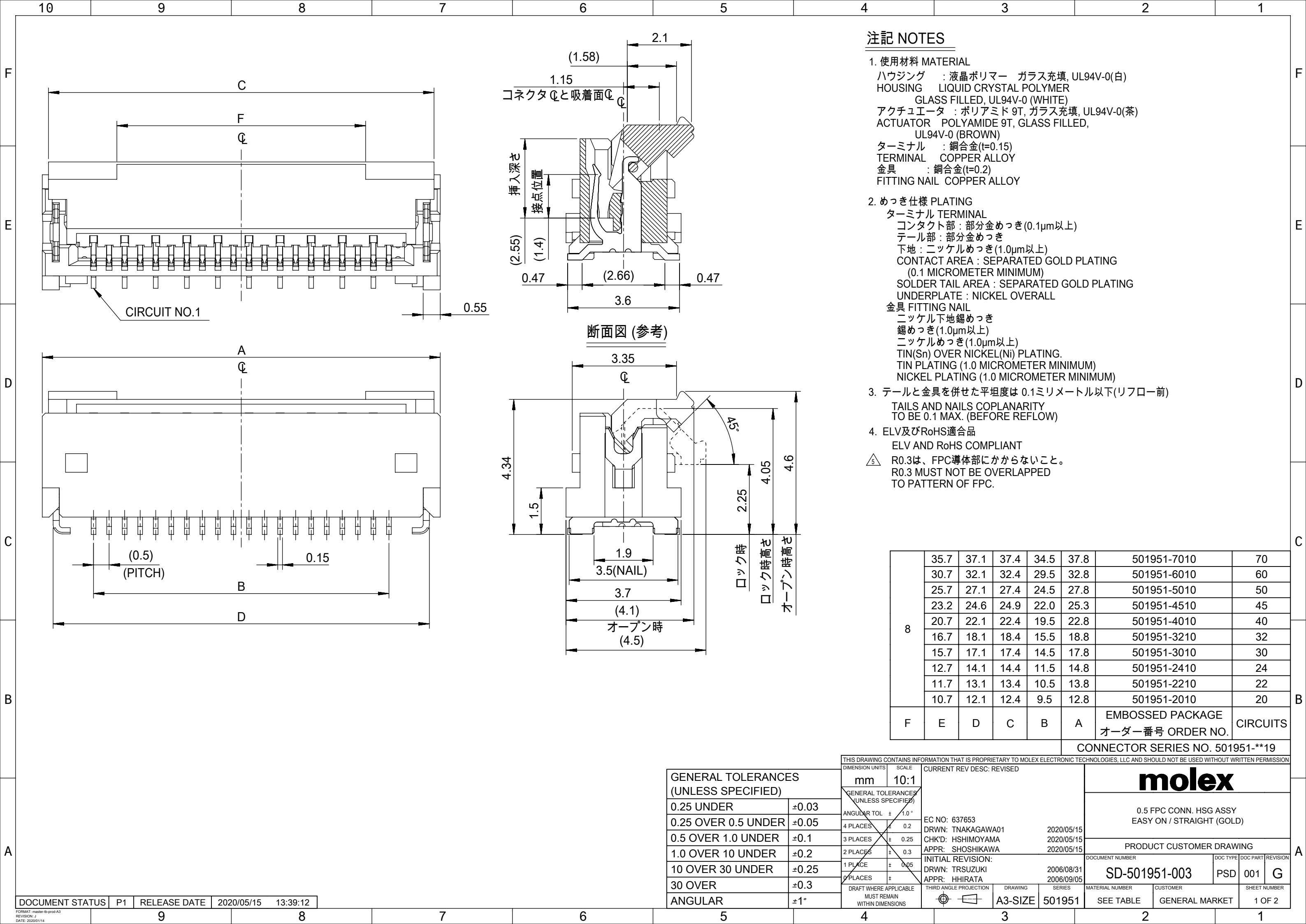
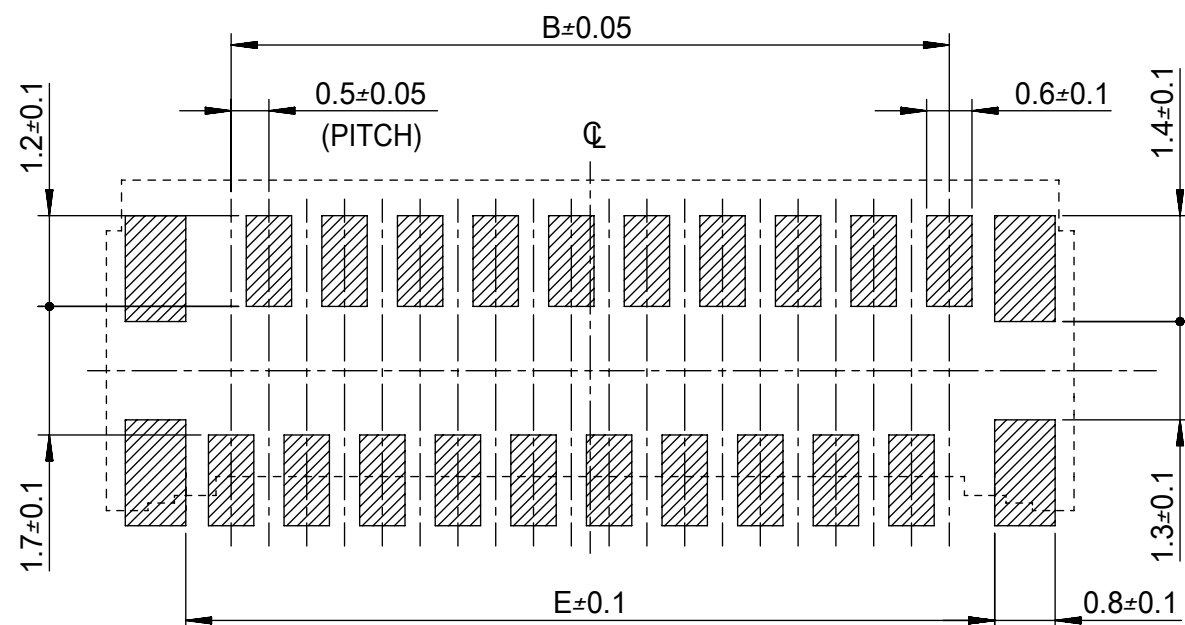
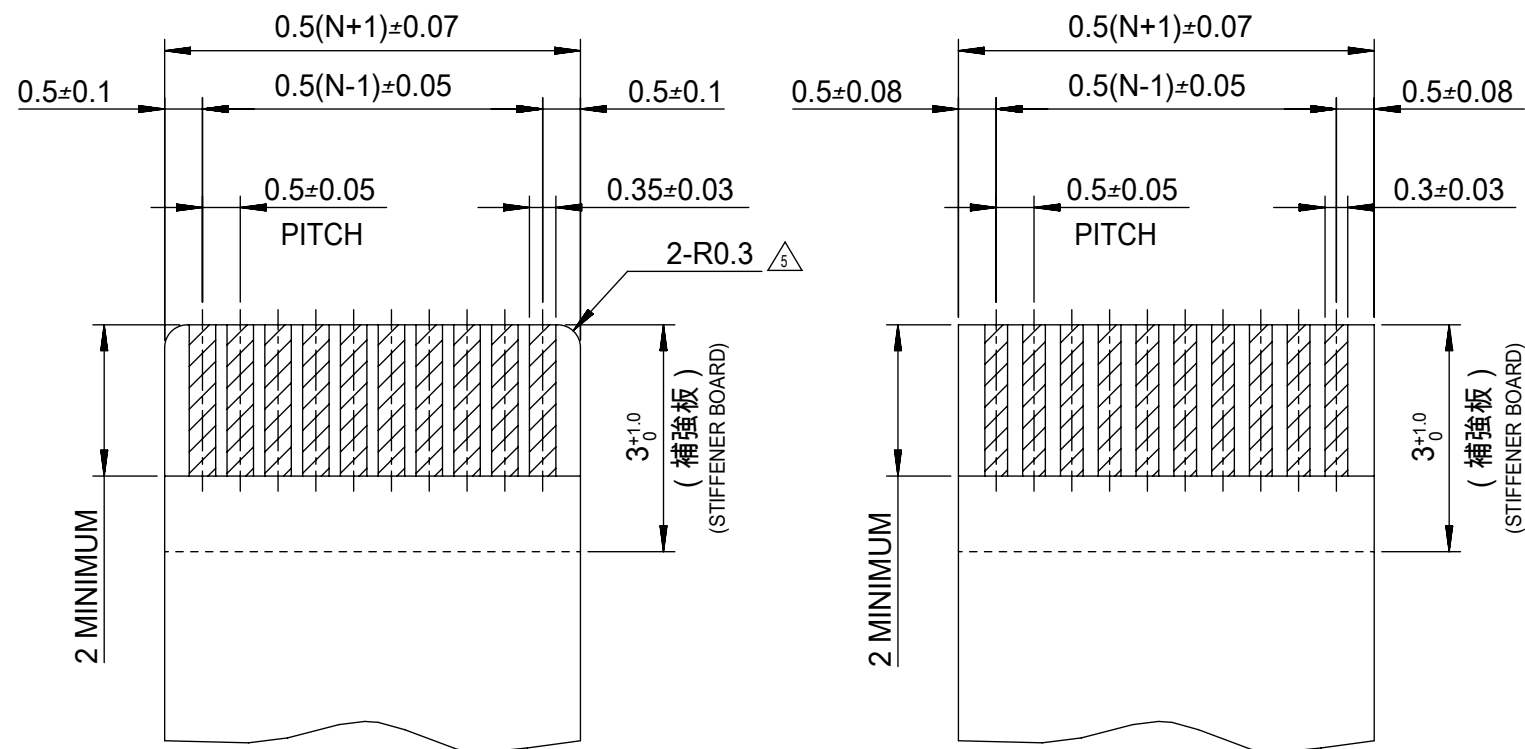






参考基板レイアウト (マウント面)

P.C.BOARD PATTERN DIMENSION(REF.)
(MOUNT AREA)



適合FPC推奨寸法
 APPLICABLE FPC
 RECOMMENDED DIMENSION

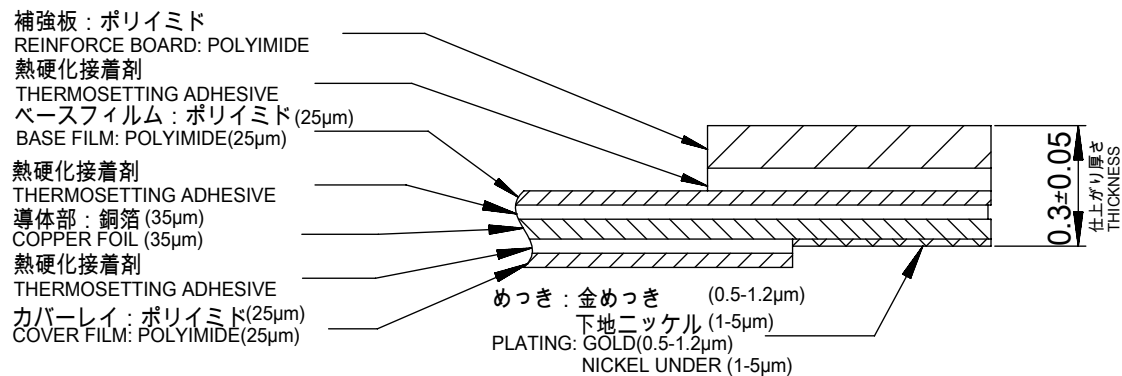
(仕上がり厚さ : 0.3 ± 0.05)
 (THICKNESS : 0.3 ± 0.05)

適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
N: 極数
N: CIRCUITS
(仕上がり厚さ: 0.3 ± 0.05)
(THICKNESS: 0.3 ± 0.05)

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 MATERIAL/THICKNESS.
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.
THERE IS A POSSIBILITY THAT THE PRESCRIPT TEMPERATURE OF FFC IS SET TO SINGLE IT.



FPC構成推奨仕様
STRUCTURE OF FPC

FPC/FFCについて ABOUT FPC/FFC

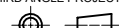
打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅35μmまたは50μmを推奨します。
FFCに規定された定格温度がFFC単体前提である場合が御座います。
コネクタと組み合わせての実使用において、接着層が劣化するなどの信頼性を満足できないケースを回避するため、
実機での評価/確認をお願い致します。

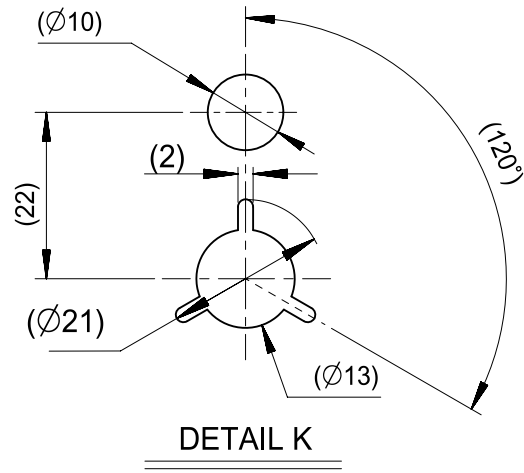
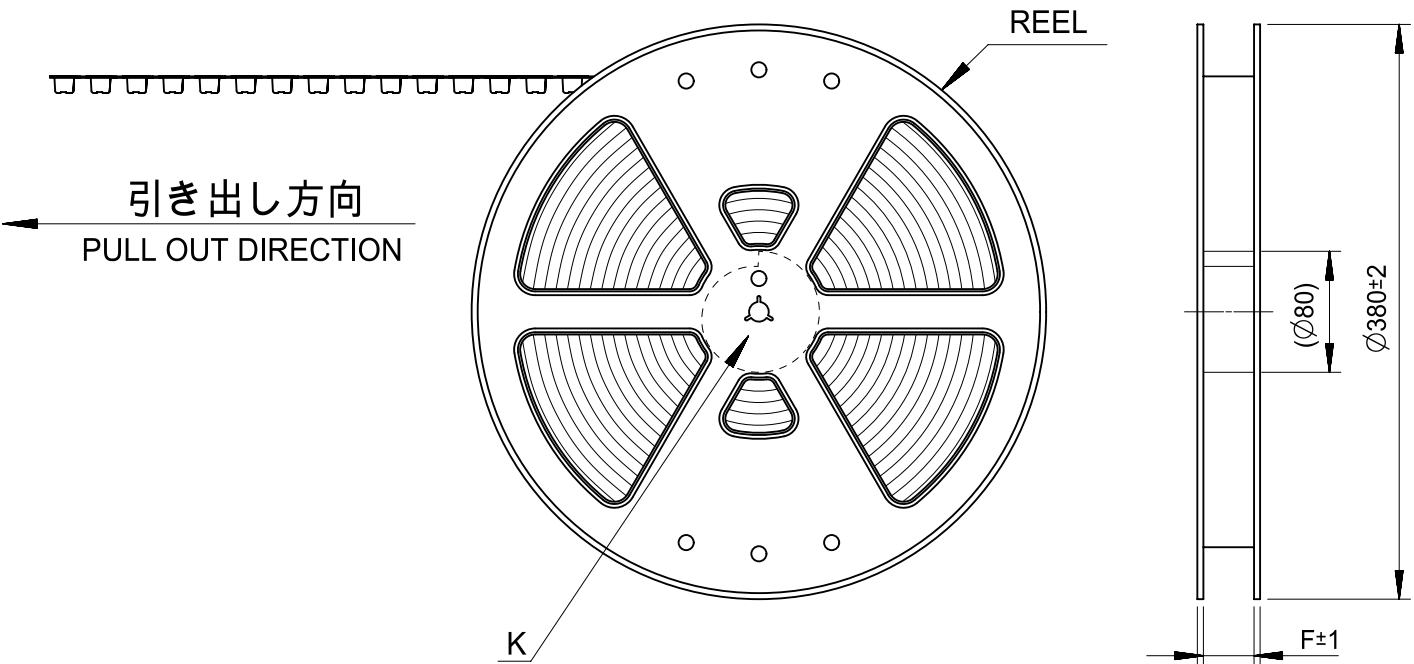
RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE

RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL

RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER

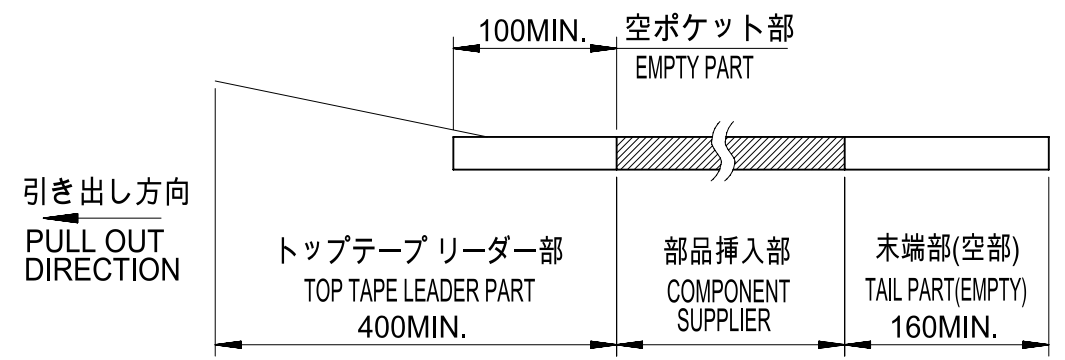
NOTE: WHEN ACTUALLY USING IT WITH CONNECTOR, PLEASE DO THE EVALUATION AND THE CONFIRMATION WITH AN ACTUAL EQUIPMENT TO EVADE THE CASE WHERE RELIABILITY CANNOT BE FILLED (THE ADHESIVE LINE OF FFC IS DETERIORATED ETC,)

GENERAL TOLERANCES (UNLESS SPECIFIED)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REVISED		molex								
		DIMENSION UNITS mm	SCALE 10:1											
0.25 UNDER	±0.03	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0° 4 PLACES ± 0.2 3 PLACES ± 0.25 2 PLACES ± 0.3 1 PLACE ± 0.05 0 PLACES ±		EC NO: 637653 DRWN: TNAKAGAWA01 CHK'D: HSHIMOYAMA APPR: SHOSHIKAWA 2020/05/15 2020/05/15 2020/05/15		0.5 FPC CONN. HSG ASSY EASY ON / STRAIGHT (GOLD)								
0.25 OVER 0.5 UNDER	±0.05													
0.5 OVER 1.0 UNDER	±0.1													
1.0 OVER 10 UNDER	±0.2													
10 OVER 30 UNDER	±0.25													
30 OVER	±0.3													
ANGULAR	±1°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 501951		DOCUMENT NUMBER SD-501951-003		DOC TYPE PSD	DOC PART 001	REVISION G
						INITIAL REVISION: DRWN: TRSUZUKI APPR: HHIRATA 2006/08/31 2006/09/05				PRODUCT: CUSTOMER DRAWING				
								MATERIAL NUMBER SEE SHEET 1		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2		

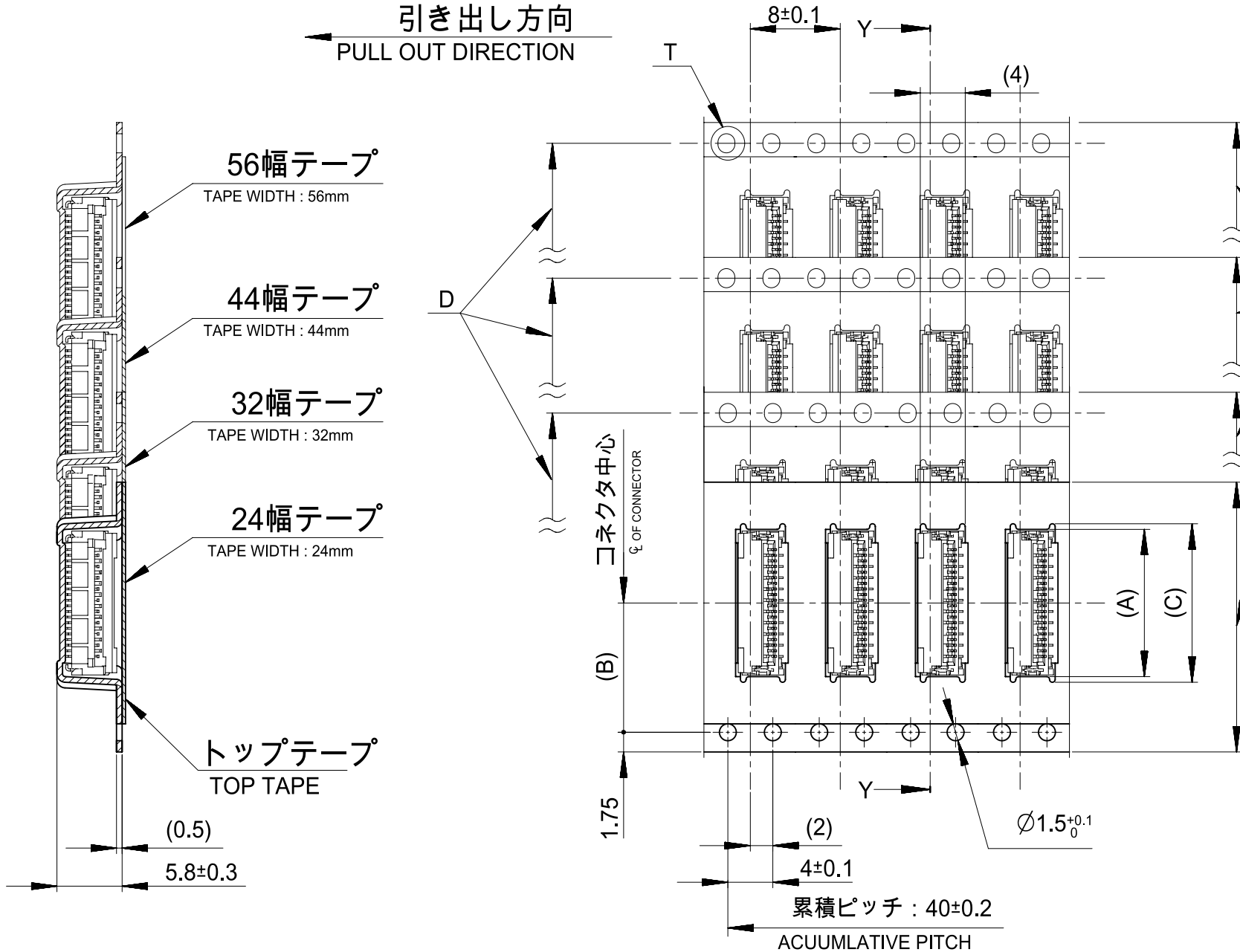


NOTES

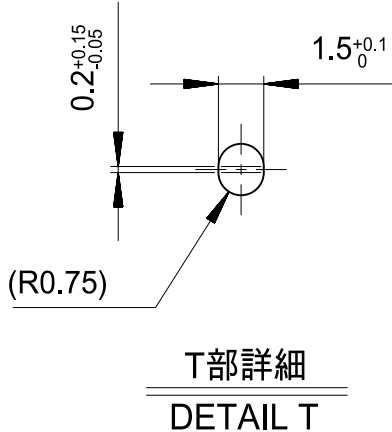
- 製品詳細寸法については図面 SD-501951-003を参照下さい。
FOR DIMENSIONS OF PRODUCT, REFER TO SD-501951-003.
- 梱包数量：2000個/リール
NUMBER OF CONNECTORS：2000PIECES/REEL
- リードテープ長さ
LEAD TAPE LENGTH



- トップテープの剥離強度については、IEC60286-3に準拠
TOP TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.
- 材料 MATERIAL
キャリアテープ：ポリスチレン
CARRIER TAPE：POLYSTYRENE
トップテープ：ポリエチレンテレフタレート、ポリエチレン
TOP TAPE：POLYETHYLENE TEREPHTHALATE , POLYETHYLENE
リール：ポリスチレン<リサイクル材を含む>
REEL：POLYSTYRENE<RECYCLE MATERIAL CONTAINED>
- ELV及びRoHS適合品 ELV AND RoHS COMPLIANT

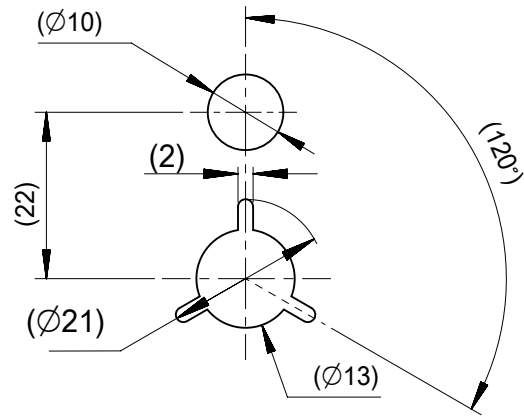
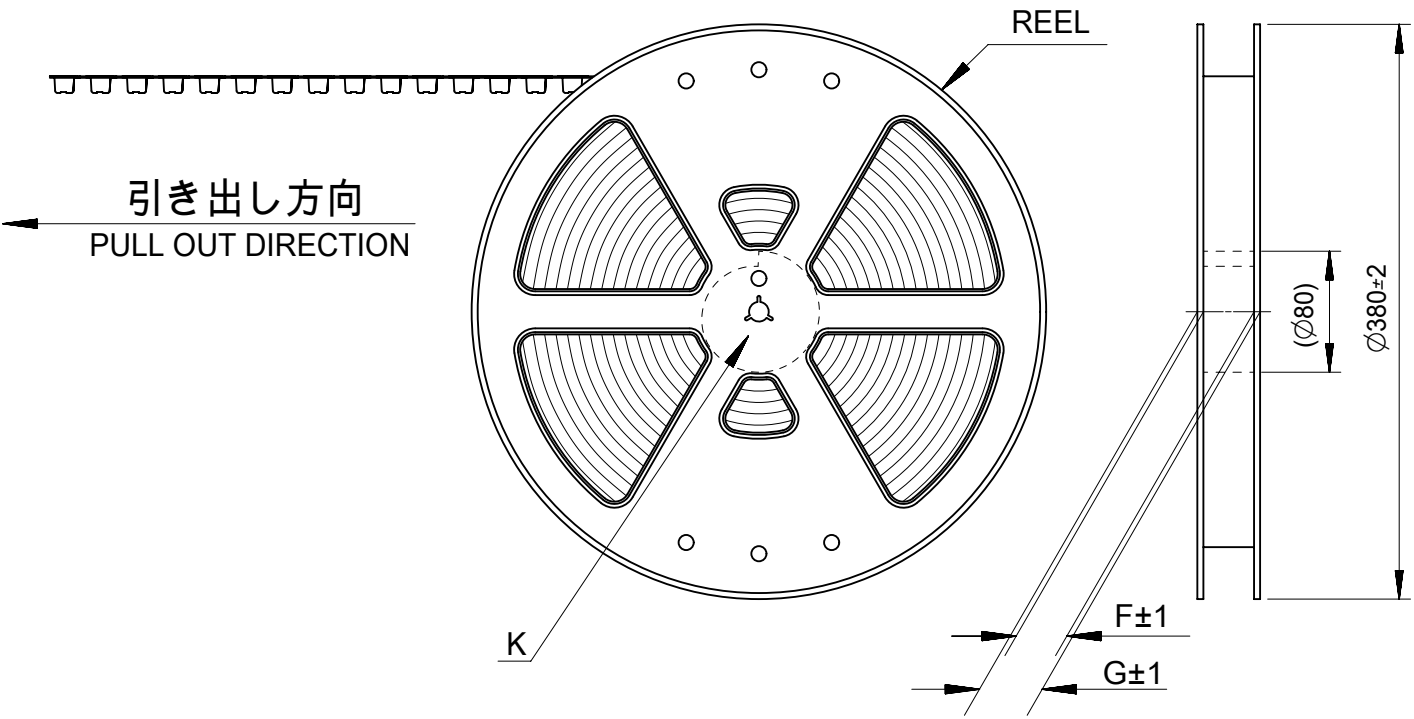


断面 Y-Y
SECTION Y-Y



61.4	57.4	56±0.3	52.4	39.1	26.2	38.1	501951-7010	70
				34.1		33.1	501951-6010	60
49.4	45.4	44±0.3	40.4	29.1	20.2	28.1	501951-5010	50
				26.1		25.6	501951-4510	45
				24.1		23.1	501951-4010	40
37.4	33.4	32±0.3	28.4	20.1	14.2	19.1	501951-3210	32
				19.1		18.1	501951-3010	30
				16.1		15.1	501951-2410	24
29.4	25.4	24±0.3	—	15.1	11.5	14.1	501951-2210	22
				14.1		13.1	501951-2010	20
G	F	E CARRIER TAPE WIDTH	D	(C)	(B)	(A)	MATERIAL NO.	CIRCUITS

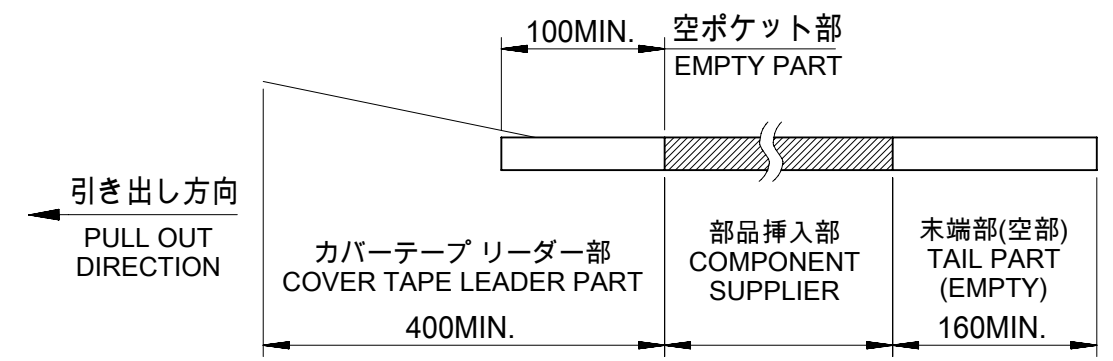
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
mm		10:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 601584 DRWN: SKAWAKAMI 2018/09/21 CHK'D: TRSUZUKI 2018/09/25 APPR: RTAKEUCHI 2018/12/25			0.5 FPC CONN. HSG ASSY E/O STRAIGHT EMBSTP PKG (GOLD)				
								PRODUCT CUSTOMER DRAWING	
ANGULAR TOL ± 1.0 °					DOCUMENT NUMBER		DOC TYPE		
4 PLACES ± 0.05					SD-501951-004		PSD	001	F
3 PLACES ± 0.1					INITIAL REVISION: DRWN: TRSUZUKI 2006/08/31 APPR: HHIRATA 2006/09/05		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2 PLACES ± 0.2									
1 PLACE ± 0.25									
0 PLACES ± 0.3		THIRD ANGLE PROJECTION	DRAWING	SERIES	GENERAL MARKET	2 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3-SIZE	501951					



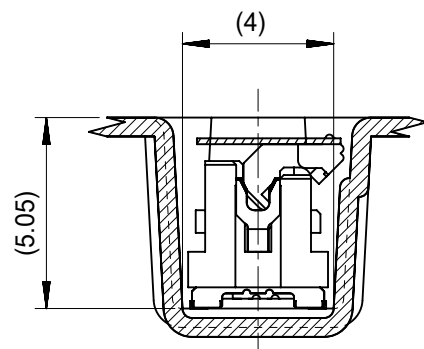
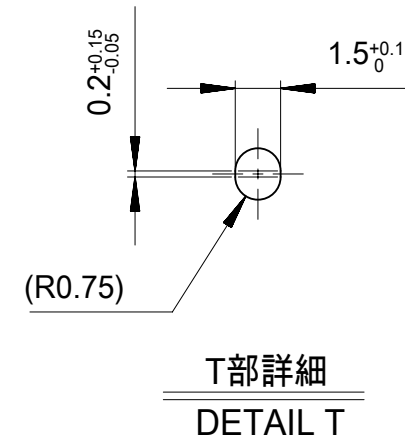
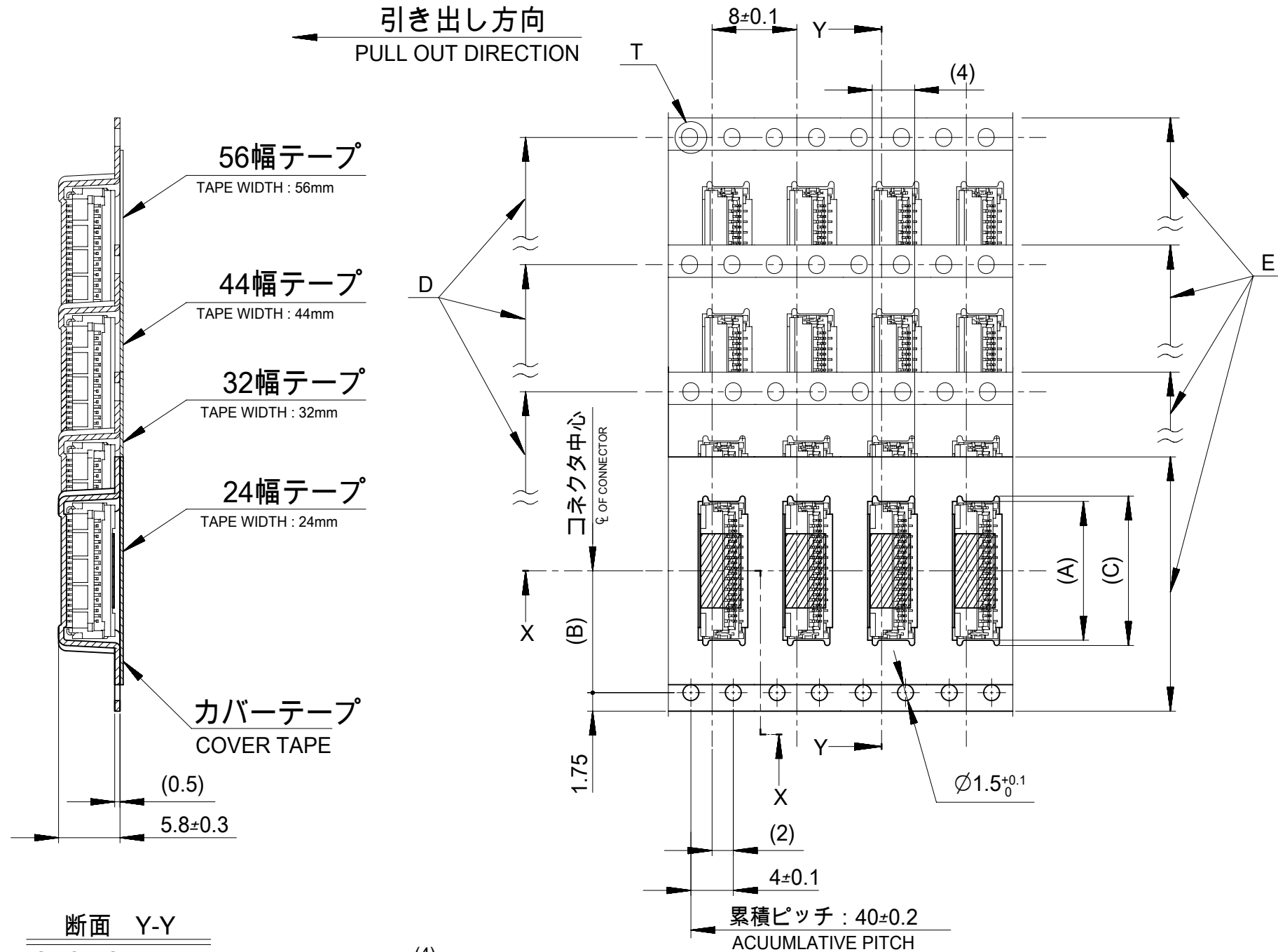
DETAIL K

NOTES

- 製品詳細寸法については SD-501951-009を参照下さい。
FOR DIMENSIONS OF PRODUCT, REFER TO SD-501951-009.
- 梱包数量：2000個/リール
NUMBER OF CONNECTORS：2000PIECES/REEL
- リードテープ長さ
LEAD TAPE LENGTH



- カバーテープの剥離強度については、IEC60286-3に準拠。
COVER TAPEPEEL FORCE IS DEFINED BY IEC60286-3
- 材料 MATERIAL
キャリアテープ：ポリスチレン
CARRIER TAPE：POLYSTYRENE
カバーテープ：ポリエチレンテレフタレート,ポリエチレン
COVER TAPE：POLYETHYLENE TEREPHTHALATE , POLYETHYLENE
リール：ポリスチレン<リサイクル材を含む>
REEL：POLYSTYRENE<RECYCLE MATERIAL CONTAINED>
- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT
- 本製品は 5019517010 の吸着テープ付き品である。
THIS PRODUCT IS COVER TAPE VERSION OF 5019517010.



61.4	57.4	56±0.3	52.4	39.1	26.2	38.1	5019517020	70
G	F	E CARRIER TAPE WIDTH	D	(C)	(B)	(A)	EMBOSSED PACKAGE ORDER NO.	CIRCUITS

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		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				0.5 FPC CONN. HSG ASSY E/O STRAIGHT EMBSTP PKG (GOLD)							
ANGULAR TOL ± 1.0 °											
4 PLACES		± 0.25		EC NO: 601584			2018/12/14				
3 PLACES		± 0.25		DRWN: SKAWAKAMI			2018/12/25				
2 PLACES		± 0.25		CHK'D: TRSUZUKI			2018/12/25				
1 PLACE		± 0.25		APPR: RTAKEUCHI			2018/12/25				
0 PLACES		± 0.25		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: NKONDO			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				APPR: KMORIKAWA			SD-501951-010		PSD	001	A
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		501951		SEE CHART		GENERAL	
										SHEET NUMBER	
										2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2018/12/25	09:40:42
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FORMAT: master-b-prod-A3
REVISION: 14
DATE: 2018/01/18