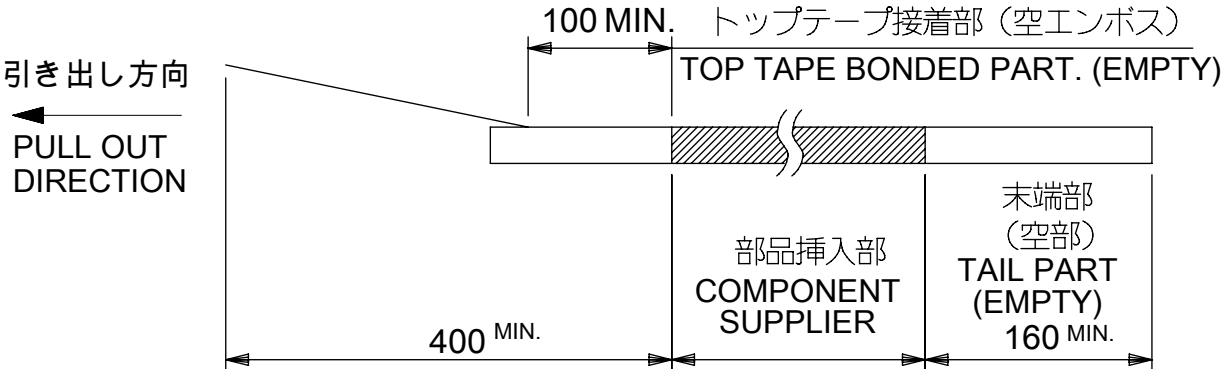
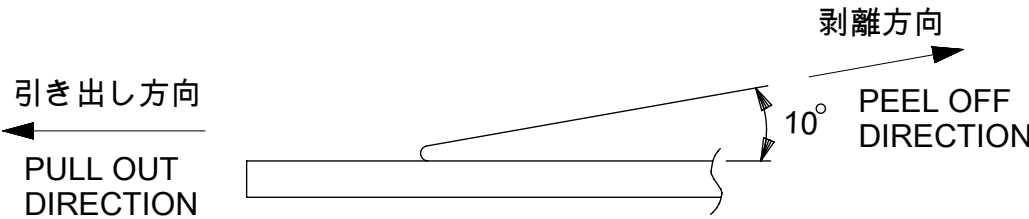


NOTES

1. 製品詳細寸法は製品単体図面を参照して下さい。
FOR DETAIL OF CONNECTOR DIMENSIONS,PLEASE SEE THE DRAWING OF CONNECTOR ITSELF(NOT PACKAGED).
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

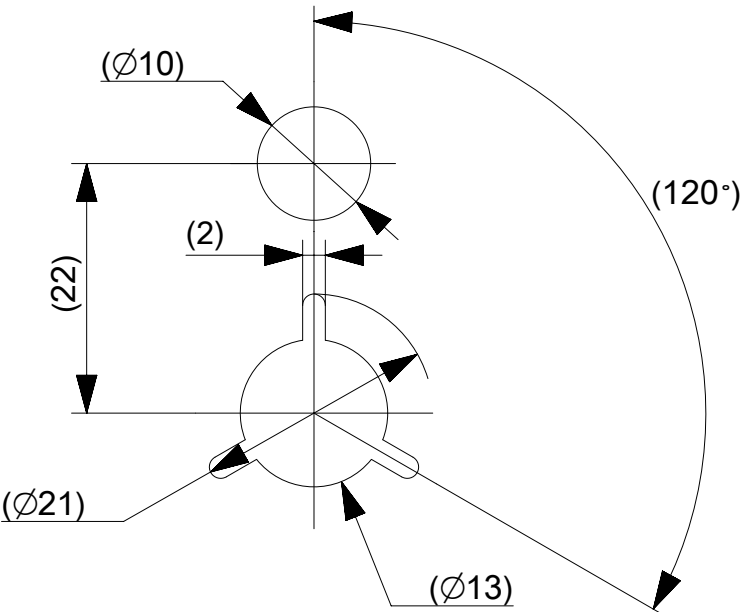
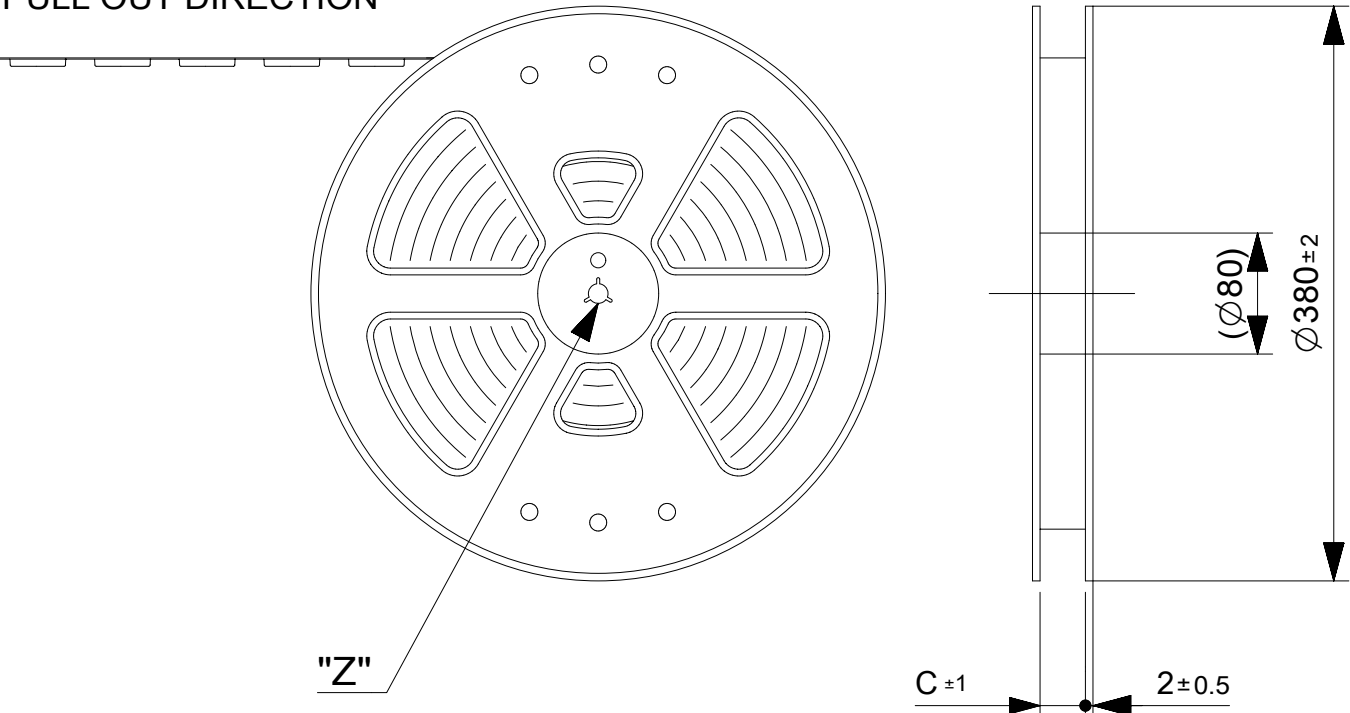


4. トップテープの剥離強度：60±35gf (0.25N～0.93N) (剥離方向は下図参照)
尚、本規格は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 60gf±35gf (0.25N ~ 0.93N)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG,)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.

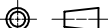


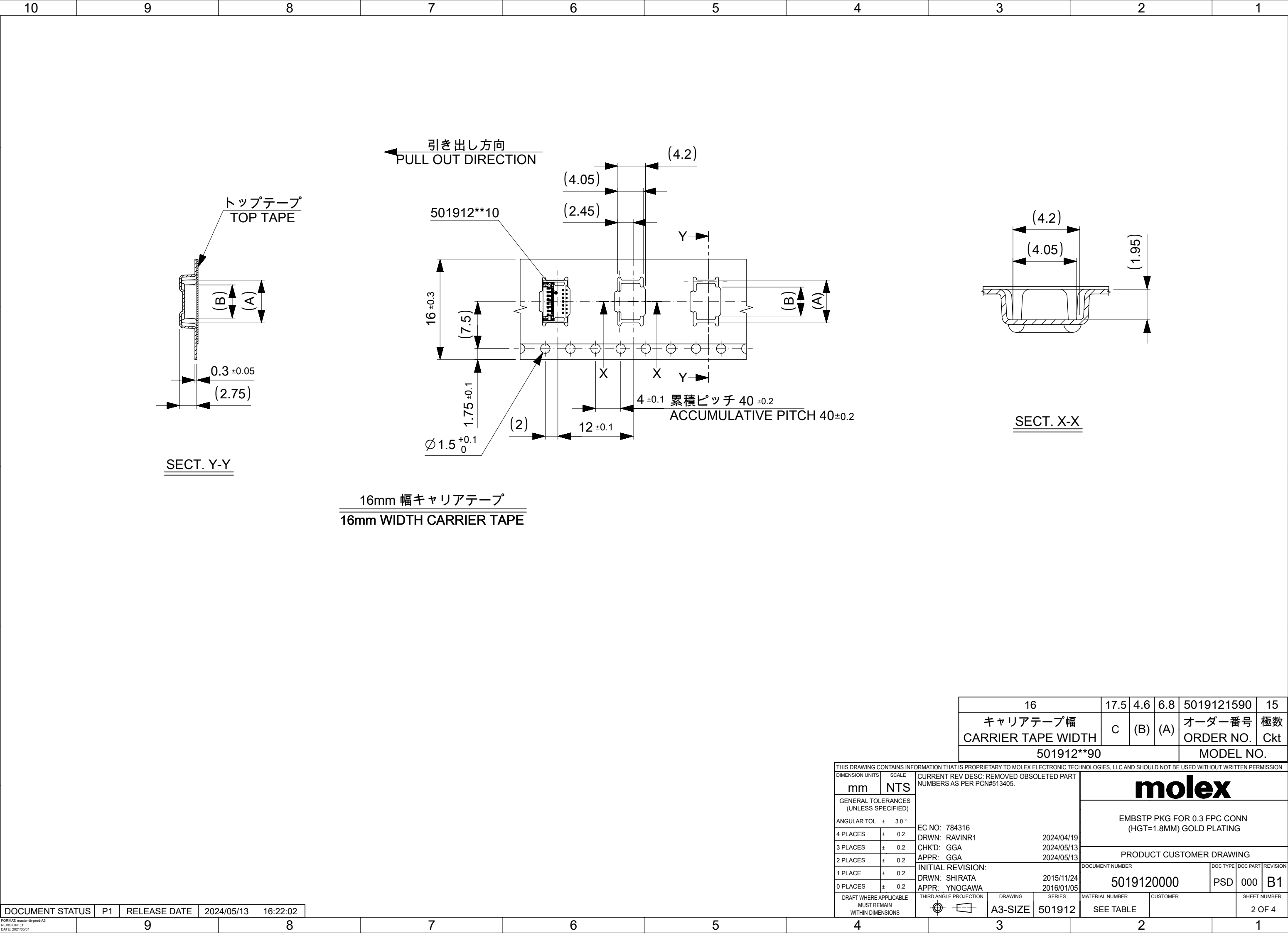
5. 材料(MATERIAL)
キャリアテープ(CARRIER TAPE)：ポリスチレン(POLYSTYREN)
トップテープ(TOP TAPE)：PET, PE, PEF
リール(REEL)：ポリスチレン(PS) <リサイクル材を含む>
POLYSTYREN(PS) <RECYCLE MATERIAL CONTAINED>
6. C寸法は SHEET 2～4を参照下さい。
SEE SHEET 2～4(DIMENSION C).
7. ELV AND RoHS COMPLIANT.

引き出し方向
PULL OUT DIRECTION



501912**90 MODEL NO.

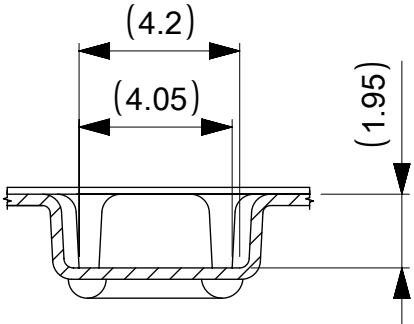
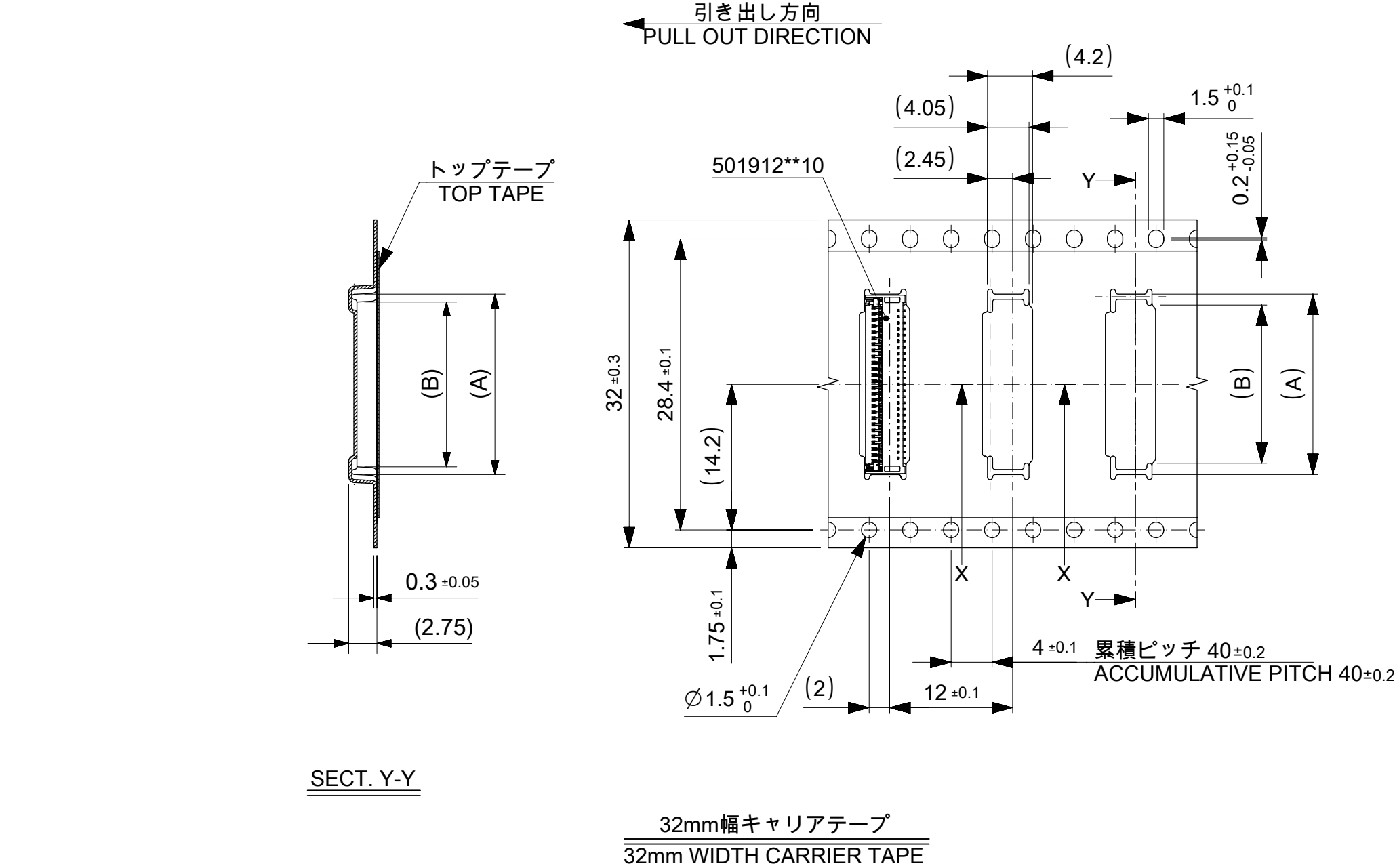
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405.				molex EMBSTP PKG FOR 0.3 FPC CONN (HGT=1.8MM) GOLD PLATING PRODUCT CUSTOMER DRAWING					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 3.0 °		EC NO: 784316 DRWN: RAVINR1 2024/04/19 CHK'D: GGA 2024/05/13 APPR: GGA 2024/05/13				DOCUMENT NUMBER 5019120000 DOC TYPE PSD DOC PART 000 REVISION B1							
4 PLACES ± 0.2													
3 PLACES ± 0.2													
2 PLACES ± 0.2													
1 PLACE ± 0.2													
0 PLACES ± 0.2		INITIAL REVISION: DRWN: SHIRATA 2015/11/24 APPR: YNOGAWA 2016/01/05											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		501912		SEE TABLE				1 OF 4	



16	17.5	4.6	6.8	5019121590	15
キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	オーダー番号 ORDER NO.	極数 Ckt
501912**90				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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405.				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 784316 DRWN: RAVINR12024/04/19 CHK'D: GGA2024/05/13 APPR: GGA2024/05/13 INITIAL REVISION: DRWN: SHIRATA2015/11/24 APPR: YNOGAWA2016/01/05 THIRD ANGLE PROJECTION  DRAWINGA3-SIZESERIES501912					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2							
3 PLACES		± 0.2							
2 PLACES		± 0.2							
1 PLACE		± 0.2							
0 PLACES		± 0.2							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE				2 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2024/05/13	16:22:02
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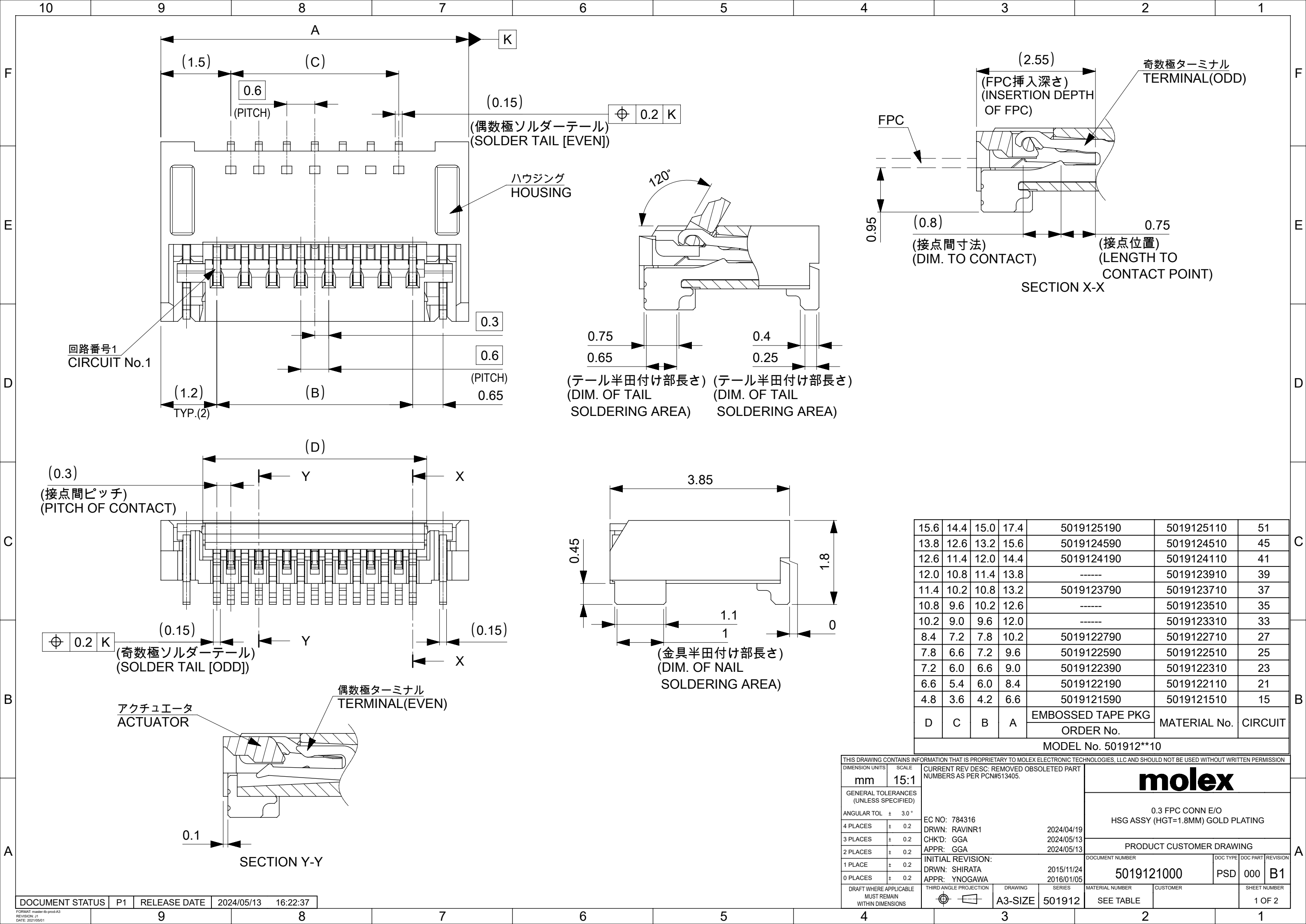


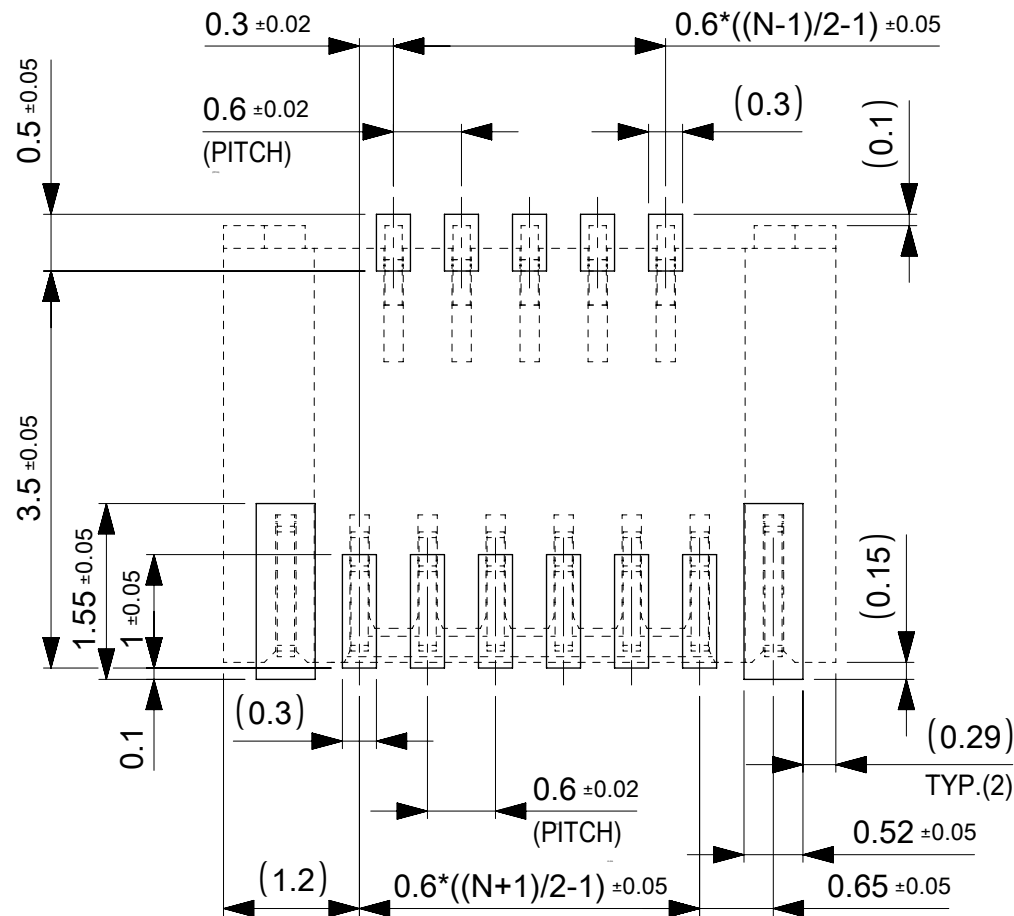
SECT. X-X

SECT. Y-Y

32	33.5	15.4	17.6	5019125190	51
		13.6	15.8	5019124590	45
キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	オーダー番号 ORDER NO.	極数 Ckt
501912**90				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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405.			
mm	NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 784316 DRWN: RAVINR12024/04/19 CHK'D: GGA2024/05/13 APPR: GGA2024/05/13 INITIAL REVISION: DRWN: SHIRATA2015/11/24 APPR: YNOGAWA2016/01/05 DOCUMENT NUMBER 5019120000 DOC TYPE PSD DOC PART 000 REVISION B1			
ANGULAR TOL	± 3.0 °				
4 PLACES	± 0.2				
3 PLACES	± 0.2				
2 PLACES	± 0.2				
1 PLACE	± 0.2				
0 PLACES	± 0.2				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	501912	SEE TABLE	
				SHEET NUMBER	
				4 OF 4	





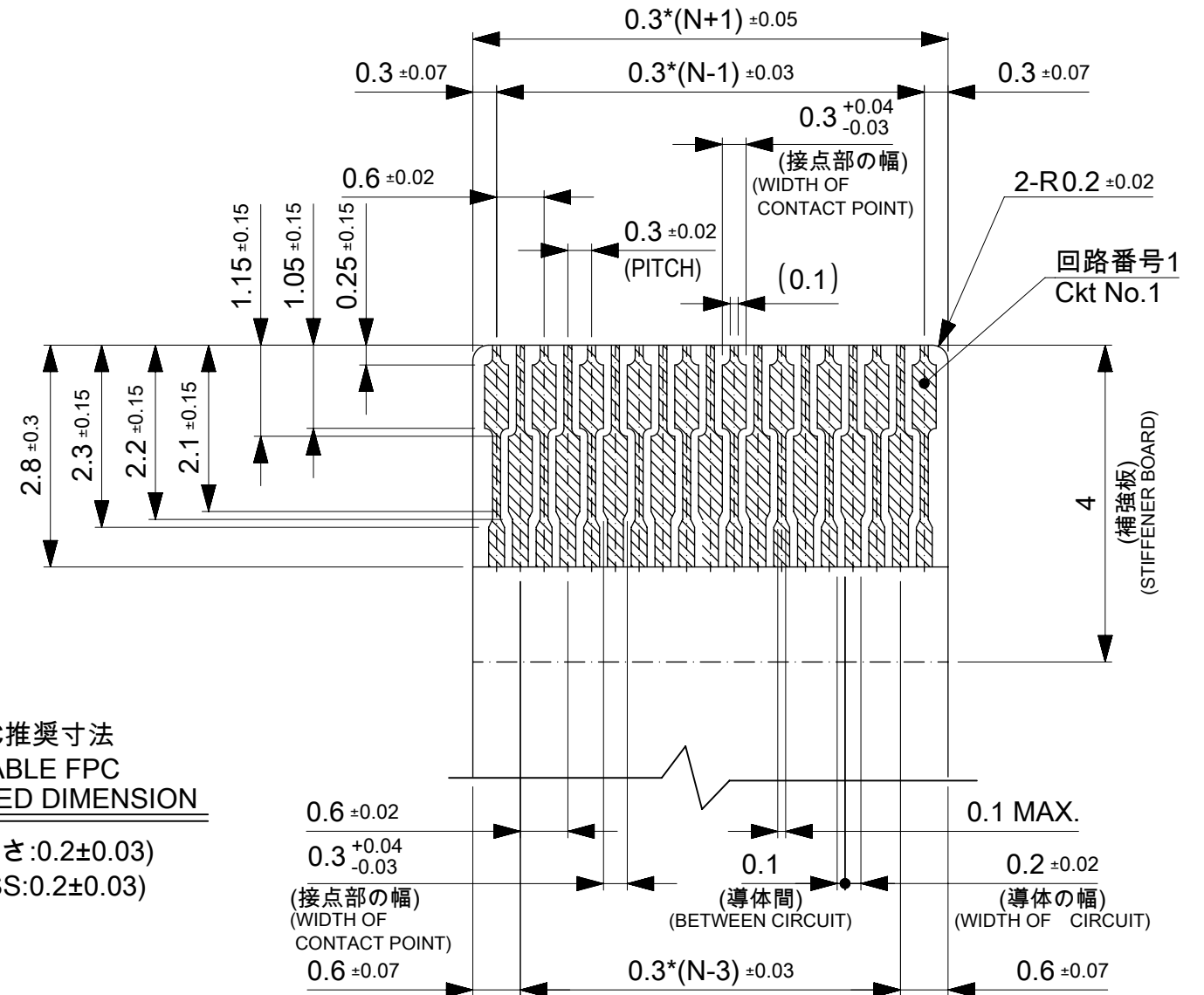
参考基板レイアウト図
(マウント面)
(MOUNTING SIDE)

注記 NOTES

1. 使用材料 MATERIAL
- ハウジング :耐熱性樹脂 ガラス充填 UL94V-0
 - HOUSING :HEAT RESISTANCE POLYMER(GLASS FILLED) UL94V-0
 - アクチュエータ :耐熱性樹脂 ガラス充填 UL94V-0
 - ACTUATOR :HEAT RESISTANCE POLYMER(GLASS FILLED) UL94V-0
 - ターミナル :銅合金(t=0.15)、ニッケル下地金メッキ
 - TERMINAL :COPPER ALLOY(t=0.15),GOLD OVER NICKEL PLATING.
 - 金具 :銅合金(t=0.15)、ニッケル下地スズメッキ
 - FITTING NAIL :COPPER ALLOY(t=0.15),TIN OVER NICKEL PLATING.
- ハウジングに黒点がある場合がありますが、問題はありません。
2. ソルダーテール半田付け面、及び金具半田付け面の平坦度 : 0.1mm MAXIMUM.
COPLANARITY OF SOLDER TAILS AND FITTING NAILS TO BE 0.1mm MAXIMUM.
3. ELV AND RoHS COMPLIANT.

適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION

(仕上がり厚さ:0.2±0.03)
(THICKNESS:0.2±0.03)



FPCについて:

打抜き方向は導体側から補強板側を推奨致します。
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致します。
補強フィルム材質はポリイミドを推奨します。
接着剤は熱硬化接着剤を推奨します。

ABOUT FPC

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

RECOMMENDED CONDUCTOR SPEC :

THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER OR 50 MICROMETER.

RECOMMENDED MATERIAL :

STIFFENER FILM : POLYIMIDE

BONDING AGENT : THERMOSETTING BONDING AGENT.

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405.				molex							
mm		15:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				0.3 FPC CONN E/O HSG ASSY (HGT=1.8MM) GOLD PLATING											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.2													
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES		± 0.2													
INITIAL REVISION:				DOCUMENT NUMBER		5019121000		DOC TYPE	PSD	DOC PART	000	REVISION	B1		
DRWN: RAVINR1		2024/04/19		SERIES		501912		MATERIAL NUMBER		CUSTOMER		SEE TABLE		SHEET NUMBER	
CHK'D: GGA		2024/05/13		DRAWING		A3-SIZE		501912		CUSTOMER		SEE TABLE		2 OF 2	
APPR: GGA		2024/05/13		THIRD ANGLE PROJECTION				MATERIAL NUMBER		CUSTOMER		SEE TABLE		2 OF 2	
DRWN: SHIRATA		2015/11/24		DRAWING		A3-SIZE		501912		CUSTOMER		SEE TABLE		2 OF 2	
APPR: YNOGAWA		2016/01/05		THIRD ANGLE PROJECTION				MATERIAL NUMBER		CUSTOMER		SEE TABLE		2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				MATERIAL NUMBER		CUSTOMER		SEE TABLE		2 OF 2	