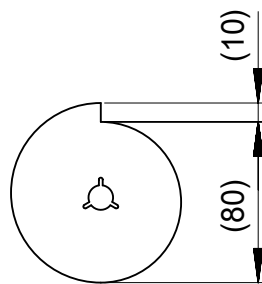
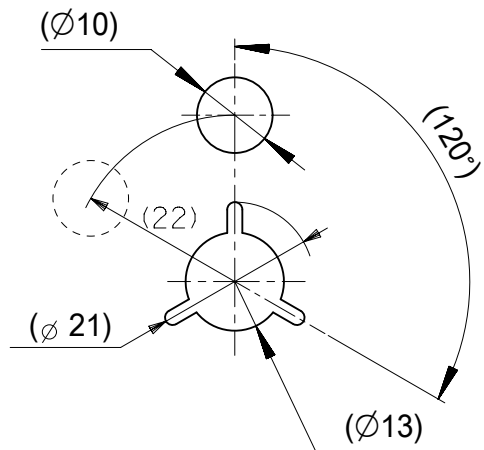
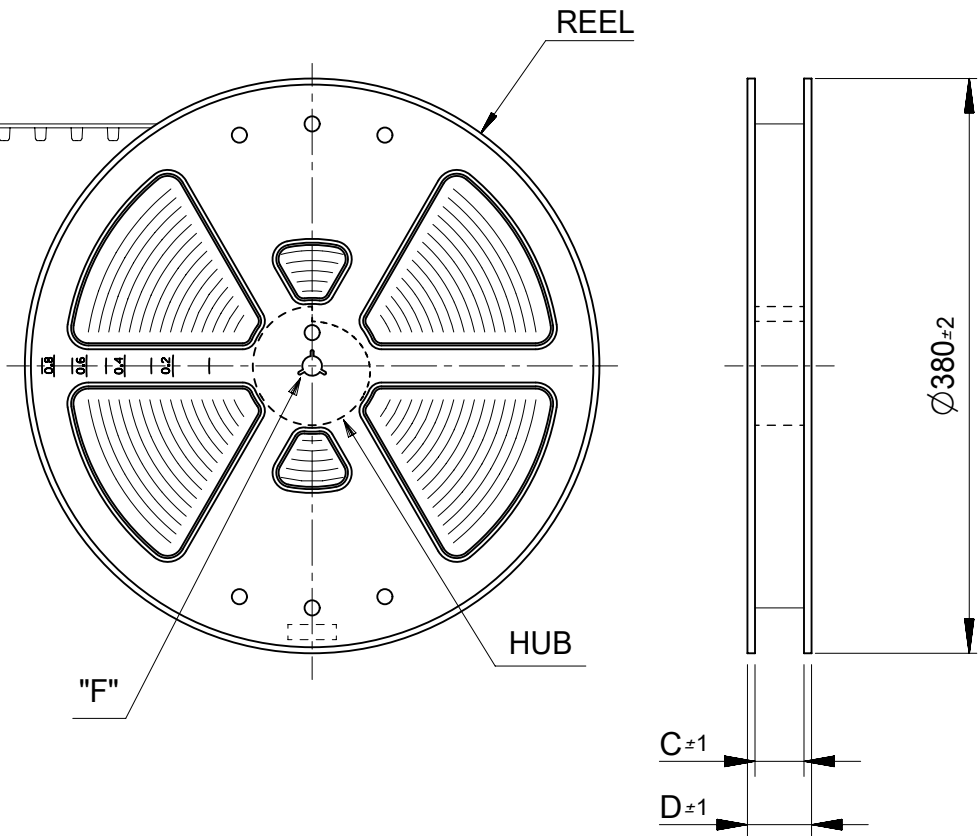


引き出し方向
PULL OUT DIRECTION

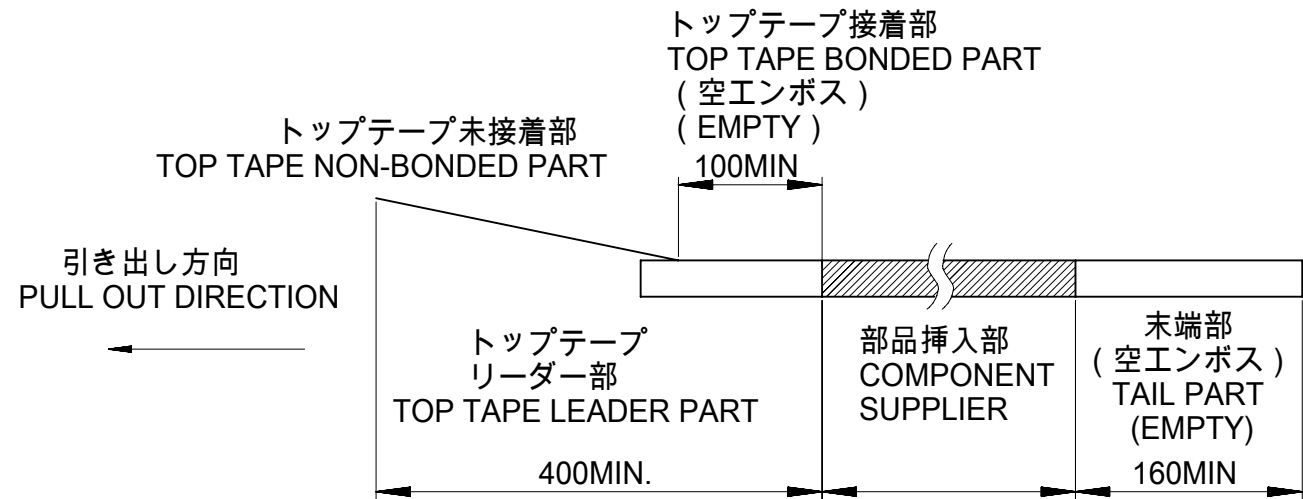


HUB

DETAIL "F"

注記 NOTES

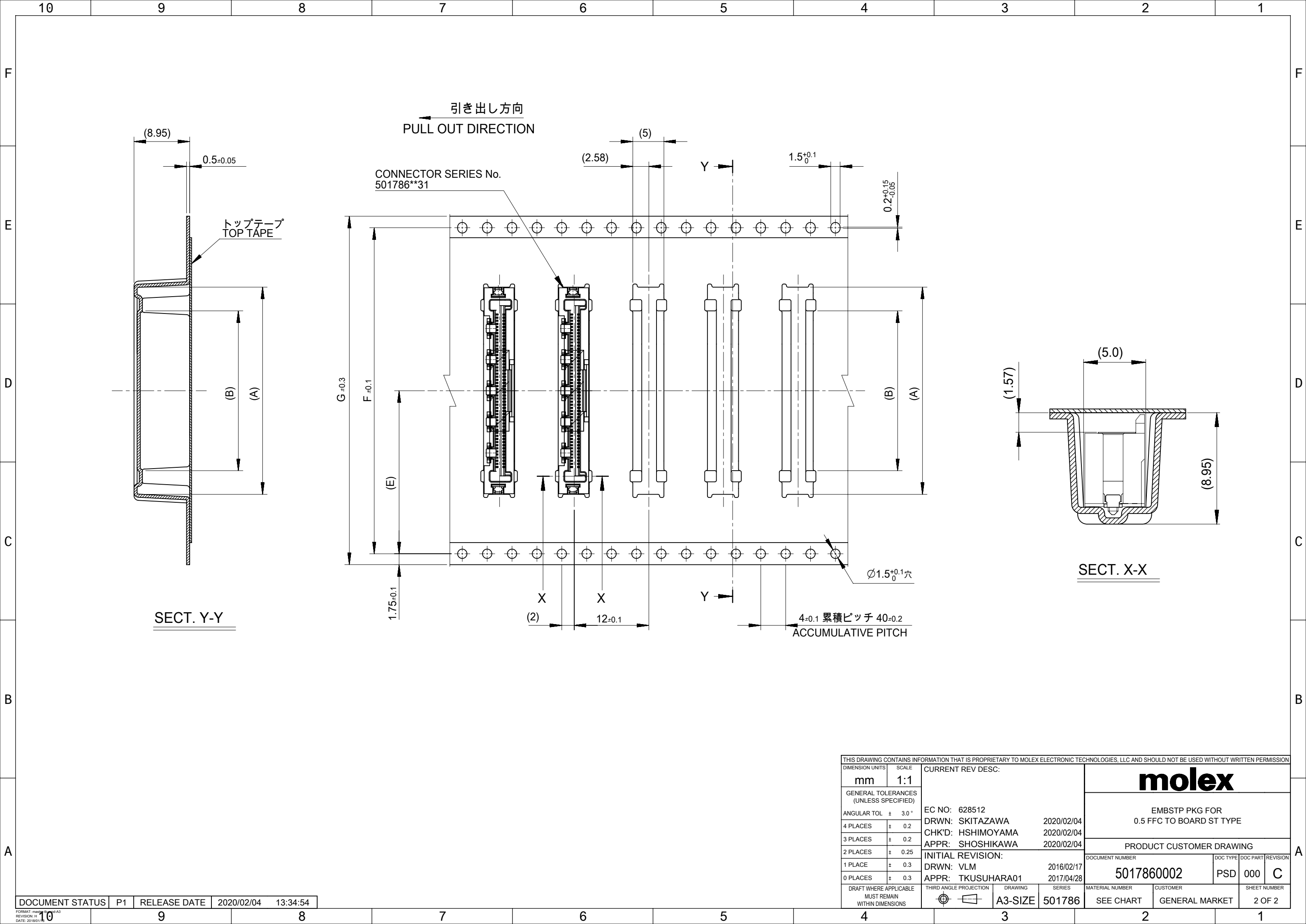
- 梱包数量： 900 個 / リール
NUMBER OF CONNECTORS:900 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH



- 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 IEC60286-3.
- 製品詳細寸法については図面 5017861002 DOC. PART 000を参照下さい。
RE DETAILED DIMENSION, SEE 5017861002 DOC. PART 000.
- 材料(MATERIAL)
キャリアテープ(CARRIER TAPE)：ポリスチレン(POLYSTYRENE)
トップテープ(TOP TAPE)：PET, PE, PE
リール(REEL)：ポリスチレン(POLYSTYRENE)
リサイクル材を含む
RECYCLE MATERIAL CONTAINED

56	56.0	52.4	26.2	61.4	57.4	25.68	33.3	5017865091	50
44	44.0	40.4	20.2	49.4	45.4	20.68	28.3	5017864091	40
						15.68	23.3	5017863091	30
キャリアテープ幅 CARRIER TAPE WIDTH	G	F	E	D	C	B	A	EMBOSSED PACKAGE	Circuit
								オーダー番号 ORDER 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: 628512 DRWN: SKITAZAWA 2020/02/04 CHK'D: HSHIMOYAMA 2020/02/04 APPR: SHOSHIKAWA 2020/02/04 INITIAL REVISION: DRWN: VLM 2016/02/17 APPR: TKUSUHARA01 2017/04/28				molex											
mm		1:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)								EMBSTP PKG FOR 0.5 FFC TO BOARD ST TYPE											
ANGULAR TOL		± 3.0 °						PRODUCT CUSTOMER DRAWING											
4 PLACES		± 0.2																	
3 PLACES		± 0.2						DOCUMENT NUMBER 5017860002											
2 PLACES		± 0.25												DOC TYPE		DOC PART		REVISION	
1 PLACE		± 0.3												PSD		000		C	
0 PLACES		± 0.3						SHEET NUMBER											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		1 OF 2					
						A3-SIZE		501786		SEE CHART		GENERAL MARKET							



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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 628512 DRWN: SKITAZAWA 2020/02/04 CHK'D: HSHIMOYAMA 2020/02/04 APPR: SHOSHIKAWA 2020/02/04 INITIAL REVISION: DRWN: VLM 2016/02/17 APPR: TKUSUHARA01 2017/04/28					
ANGULAR TOL ± 3.0 °									
4 PLACES		± 0.2							
3 PLACES		± 0.2							
2 PLACES		± 0.25							
1 PLACE		± 0.3							
0 PLACES		± 0.3							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		501786			

注記 NOTES

1. 使用材料 MATERIAL

ハウジング：液晶ポリマー(LCP)、ガラス充填、UL94V-0、黒色
ターミナル：銅合金 (t=0.18)
補強金具：銅合金 (t=0.25)
グランド端子：銅合金 (t=0.15)
吸着テープ：ポリイミド

HOUSING：LIQUID CRYSTAL POLYMER(LCP), GLASS FILLED, UL94V-0, BLACK
TERMINAL：COPPER ALLOY (t=0.18)
FITTING NAIL：COPPER ALLOY (t=0.25)
GROUND TERMINAL：COPPER ALLOY (t=0.15)
COVER TAPE: POLYIMIDE

2. めっき仕様 PLATING

ターミナル
コンタクト：金めっき(0.1μm以上) 下地：ニッケルめっき
ソルダーテール：金めっき(0.05μm以上) 下地：ニッケルめっき
補強金具：錫めっき(1.0μm以上) 下地：ニッケルめっき
グランド端子：錫めっき(1.0μm以上) 下地：ニッケルめっき

TERMINAL
CONTACT AREA：GOLD PLATING(0.1μm MIN) UNDERPLATING：NICKEL PLATING
SOLDER TAIL AREA：GOLD PLATING(0.05μm MIN) UNDERPLATING：NICKEL PLATING
FITTING NAIL：TIN PLATING(1.0μmMIN) UNDER PLATING：NICKEL PLATING
GROUND TERMINAL：TIN PLATING(1.0μmMIN) UNDER PLATING：NICKEL PLATING
パターン剥離止め用補強金具

△3 FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.

4. テールと金具を併せた平坦度は0.1mm 以下とする。
TAILS AND NAILS COPLANARITY TO BE 0.1mm MAXIMUM.

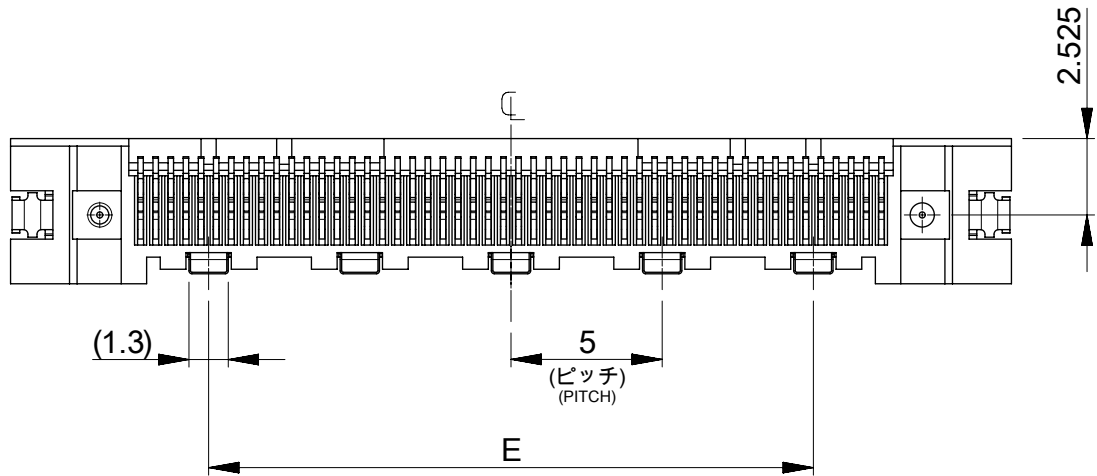
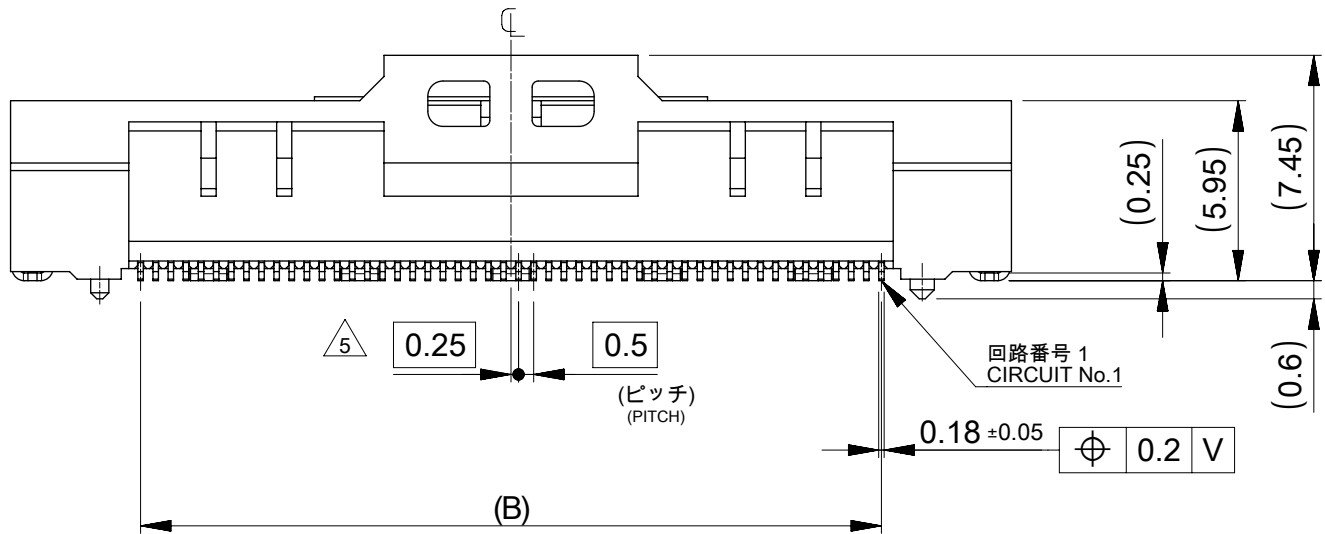
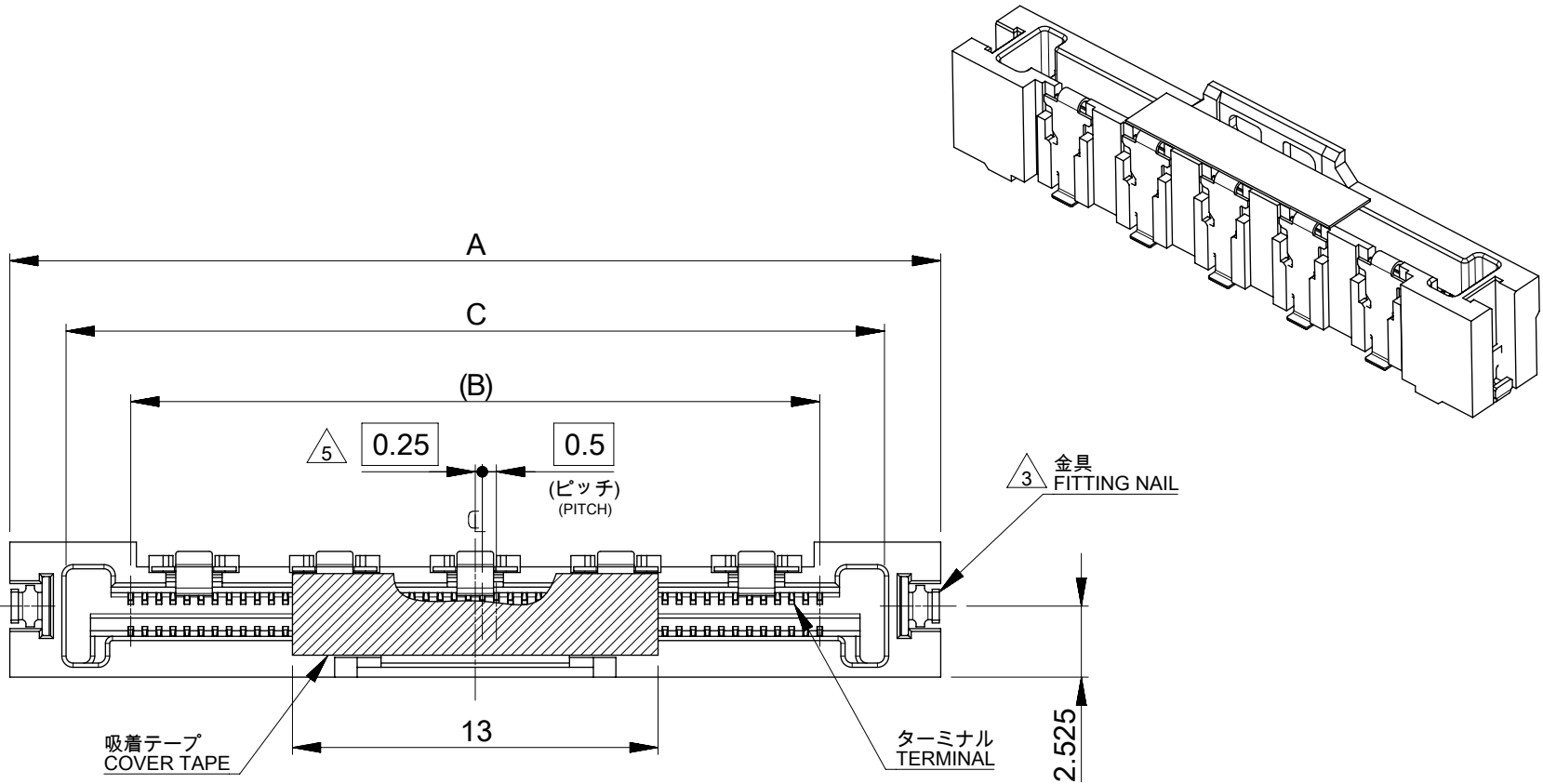
△5 N = 偶数に適用 (N：極数)
APPLY FOR N=EVEN(N:CIRCUIT)

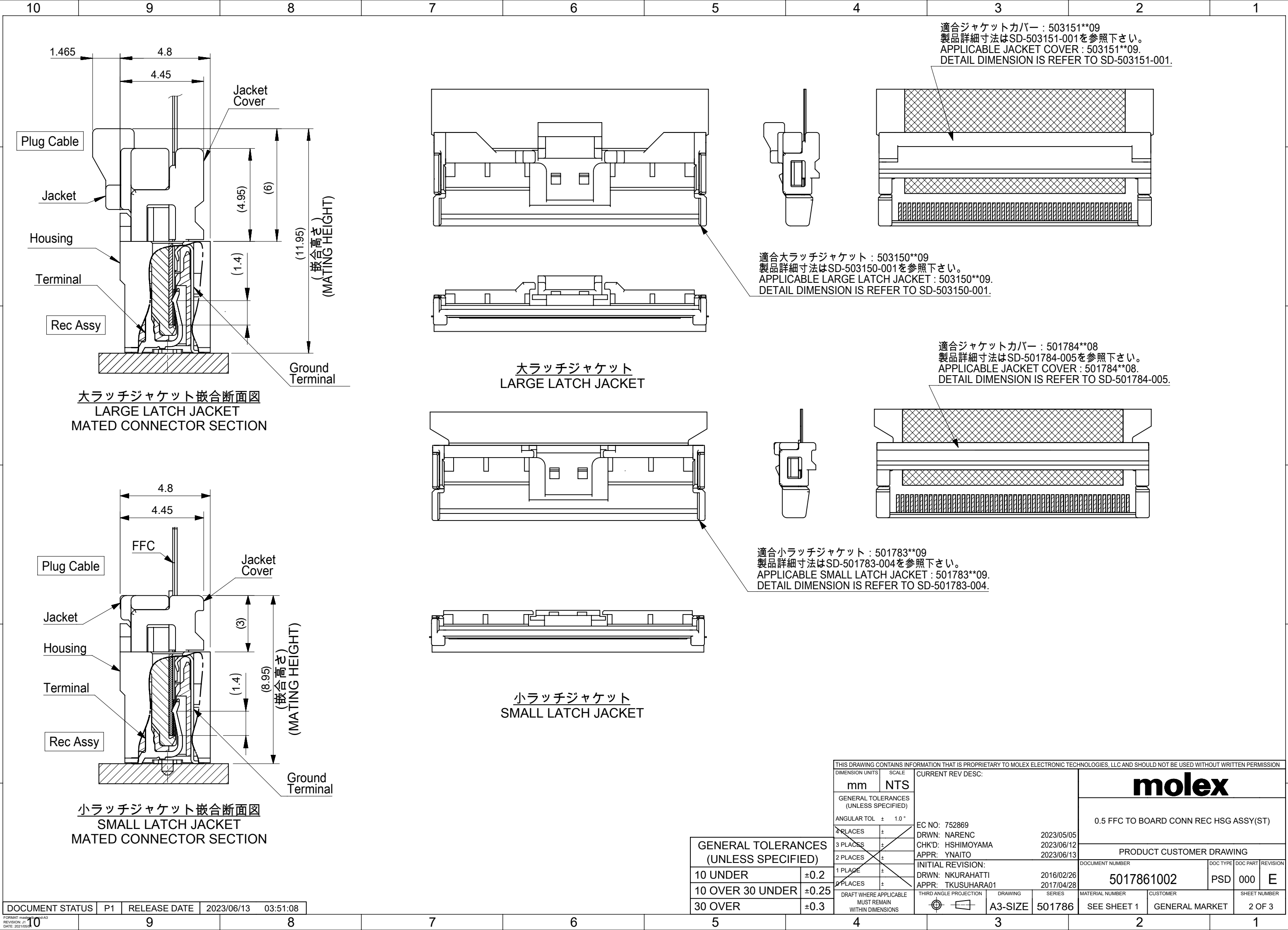
ハウジング
HOUSING

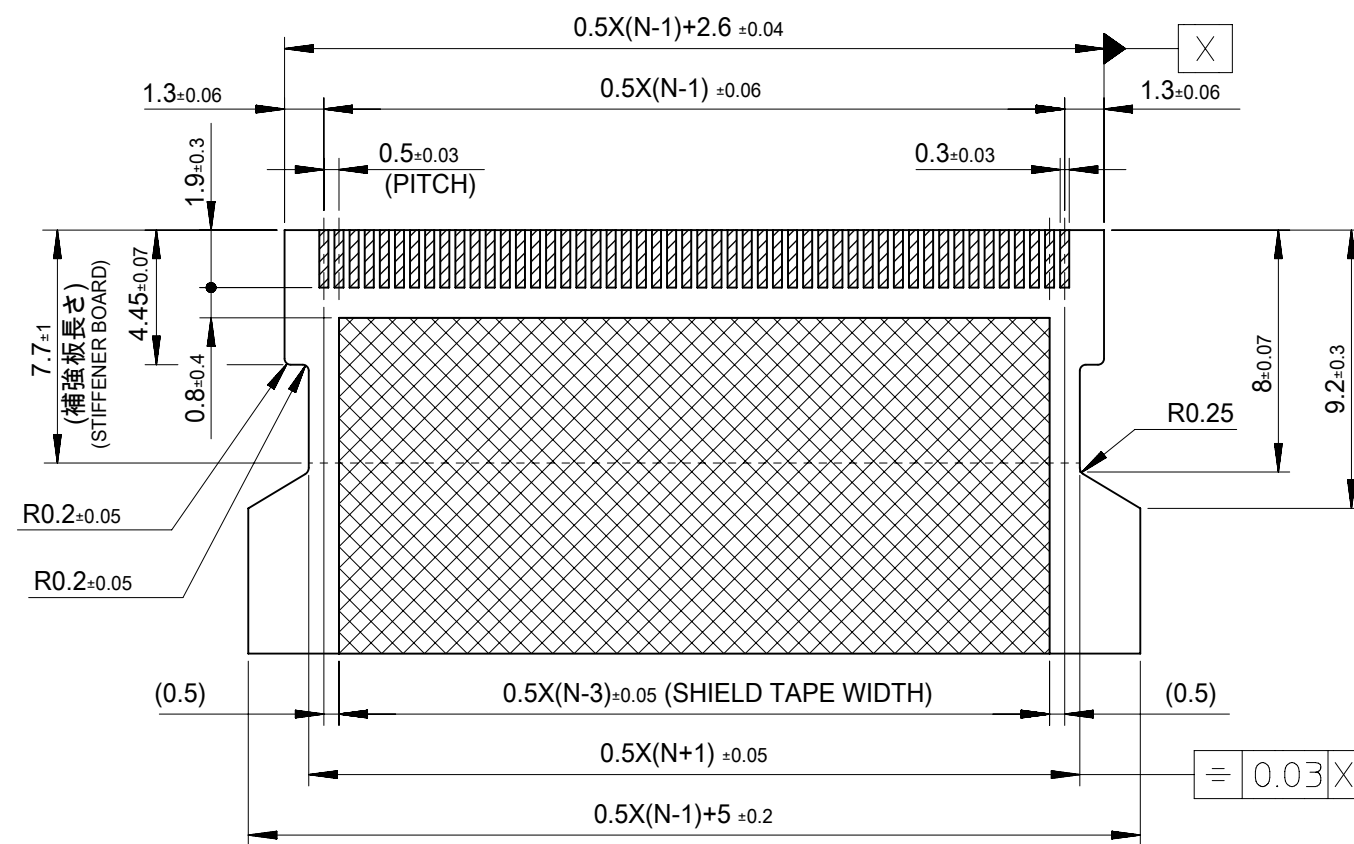
グランド端子
GROUND TERMINAL

5	20	27.2	29.1	24.5	33.1	5017865091	50
4	15	22.2	24.1	19.5	28.1	5017864091	40
3	10	17.2	19.1	14.5	23.1	5017863091	30
QTY of Ground Terminal	E	D	C	B	A	EMBOSSED PACKAGE	Circuit
						オーダー番号 ORDER No.	

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DIMENSION UNITS		SCALE		CURRENT REV DESC:									
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 752869 DRWN: NARENC2023/05/05 CHK'D: HSHIMOYAMA2023/06/12 APPR: YNAITO2023/06/13 INITIAL REVISION: DRWN: NKURAHATTI2016/02/26 APPR: TKUSUHARA012017/04/28 THIRD ANGLE PROJECTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
ANGULAR TOL ± 1.0°													
4 PLACES ±													
3 PLACES ±													
2 PLACES ±													
1 PLACE ±													
0 PLACES ±													
DRAWING				SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
A3-SIZE				501786		5017861002		PSD		000		E	
MATERIAL NUMBER				CUSTOMER									
SEE TABLE				GENERAL MARKET								SHEET NUMBER	
												1 OF 3	







適合FFC推奨寸法
APPLICABLE FFC RECOMENDED DIMENSION

仕上がり厚さ THICKNESS

コネクタ接点部: 0.3 ± 0.03

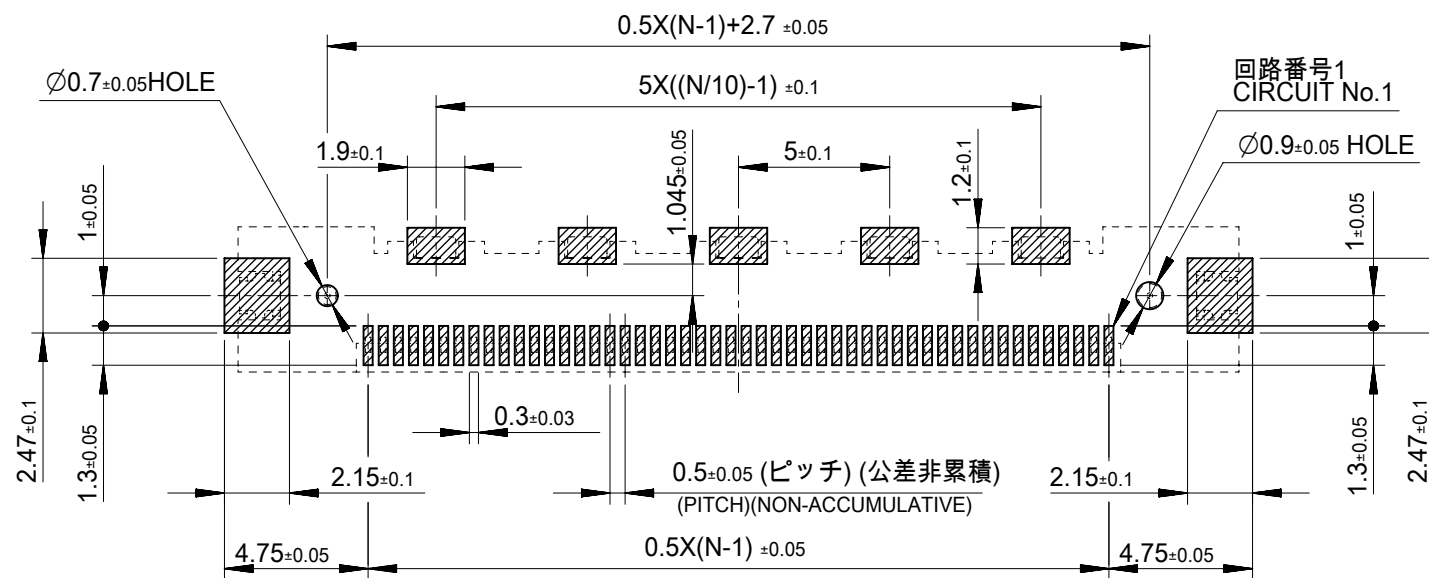
CONNECTOR CONTACT PORTION : 0.3 ± 0.03

シールド部 : 0.44 ± 0.05

SHIELD PORTION : 0.44 ± 0.05

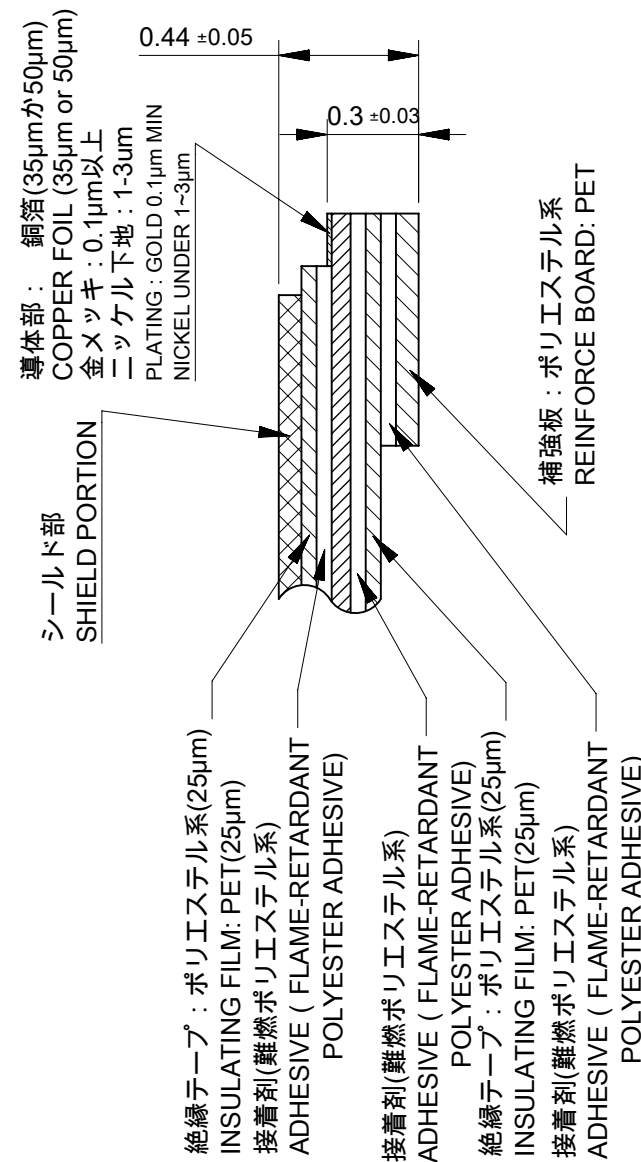
 コネクタ接点部
CONNECTOR CONTACT PORTION

 シールド部
SHIELD PORTION



参考基板レイアウト
P.C.BOARD PATTERN DIMENSION(REF.)
(マウント面) (MOUNTING SIDE)

参考マスク厚：120μm
REFERENCE SCREEN THICKNESS : 120μm
参考マスク開口率：100%
REFERENCE SCREEN OPEN RATIO : 100%



FFC構成推奨仕様

RECOMMENDED STRUCTURE OF FFC

FFCについて ABOUT 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/確認をお願いいたします。

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.)

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DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex			
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				0.5 FFC TO BOARD CONN REC HSG ASSY(ST)					
ANGULAR TOL ± 1.0 °									
2 PLACES		±		EC NO: 752869		PRODUCT CUSTOMER DRAWING			
3 PLACES		±		DRWN: NARENC					
2 PLACES		±		CHK'D: HSHIMOYAMA					
1 PLACE		±		APPR: YNAITO		DOCUMENT NUMBER			
0 PLACES		±		INITIAL REVISION:		DOC TYPE			
				DRWN: NKURAHATTI		DOC PART			
				APPR: TKUSUHARA01		REVISION			
						5017861002			
						PSD			
						000			
						E			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		501786		MATERIAL NUMBER	
								CUSTOMER	
								SHEET NUMBER	
								3 OF 3	

