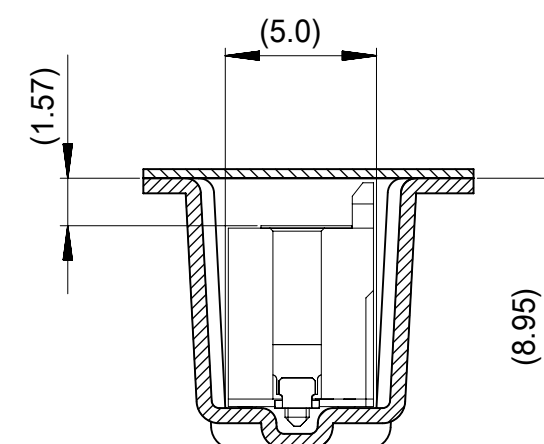




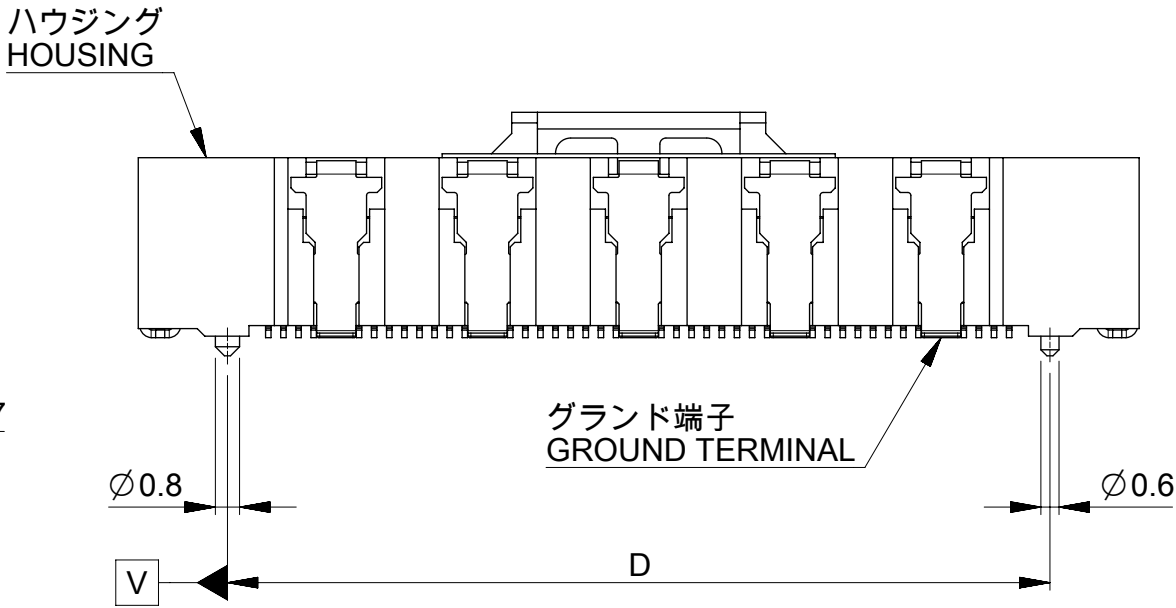
SECT. X-X

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)				EMBSTP PKG FOR 0.5 FFC TO BOARD ST TYPE											
ANGULAR TOL ± 3.0°															
4 PLACES		± 0.2		EC NO: 628512 DRWN: SKITAZAWA 2020/02/04 CHK'D: HSHIMOYAMA 2020/02/04 APPR: SHOSHIKAWA 2020/02/04											
3 PLACES		± 0.2													
2 PLACES		± 0.25		PRODUCT CUSTOMER DRAWING											
1 PLACE		± 0.3													
0 PLACES		± 0.3		INITIAL REVISION:					DOCUMENT NUMBER						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: VLM 2016/02/17					5017860002						
				APPR: TKUSUHARA01 2012/04/28					DOC TYPE						
				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A3-SIZE 501786		SEE CHART		GENERAL MARKET		2 OF 2	

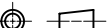
注記 NOTES

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)
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)
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(1.0μm以上)
ソルダーテール：金めっき 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 MAX) UNDERPLATING : NICKEL PLATING(1.0μmMAX)
SOLDER TAIL AREA : GOLD PLATING UNDERPLATING : NICKEL PLATING
FITTING NAIL : TIN PLATING(1.0μmMAX) UNDER PLATING : NICKEL PLATING
GROUND TERMINAL : TIN PLATING(1.0μmMAX) UNDER PLATING : NICKEL PLATING

△3 パターン剥離止め用補強金具
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.

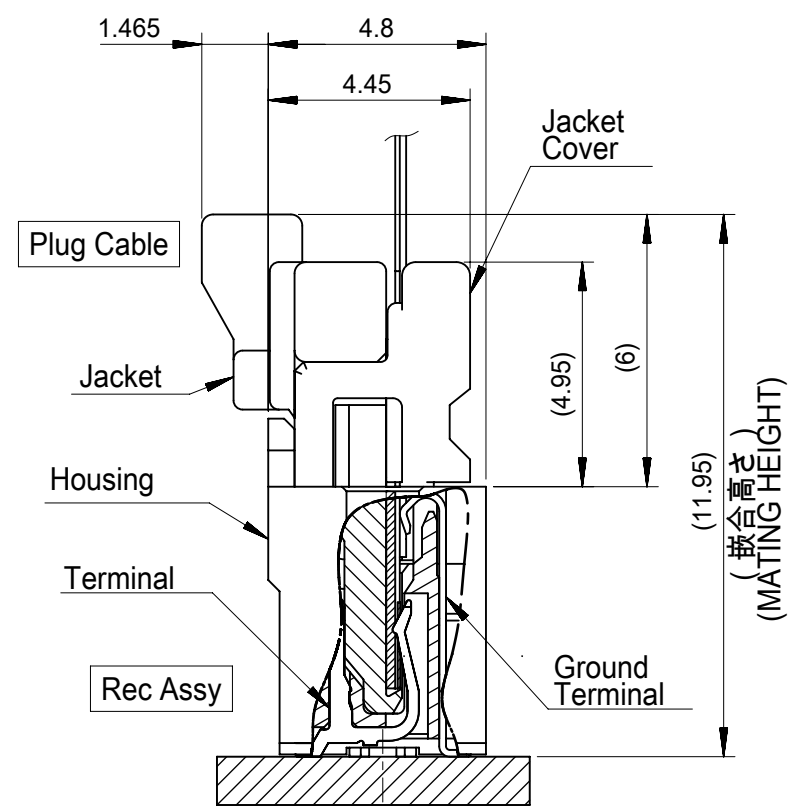


5	20	27.2	29.1	24.5	33.1	5017865091	50
4	15	22.2	24.1	19.5	28.1	5017864091	40
3	10	17.2	19.1	14.5	23.1	5017863091	30
QTY of Ground Terminal	E	D	C	B	A	EMBOSSED PACKAGE	Circuit
						オーダー番号 ORDER No.	

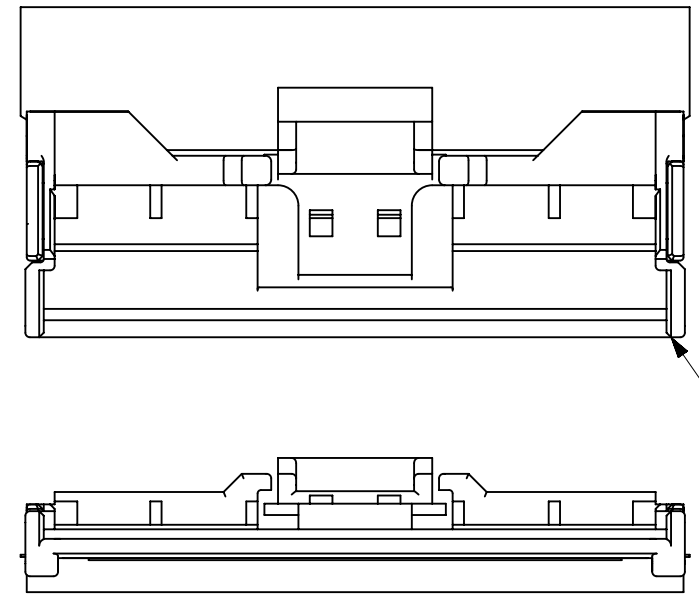
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC:									
mm		4:1		molex 0.5 FFC TO BOARD CONN REC HSG ASSY(ST)									
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 3.0 °													
4 PLACES ± 0.2													
3 PLACES ± 0.2													
2 PLACES ± 0.25				PRODUCT CUSTOMER DRAWING									
1 PLACE ± 0.3				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
0 PLACES ± 0.3				5017861002		PSD		000		D			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER			
						A3-SIZE		501786		SEE CHART		CUSTOMER	
										GENERAL MARKET		SHEET NUMBER	
										1 OF 3			

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/04	13:34:56
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CONNECROT SERIES No. 501786**31

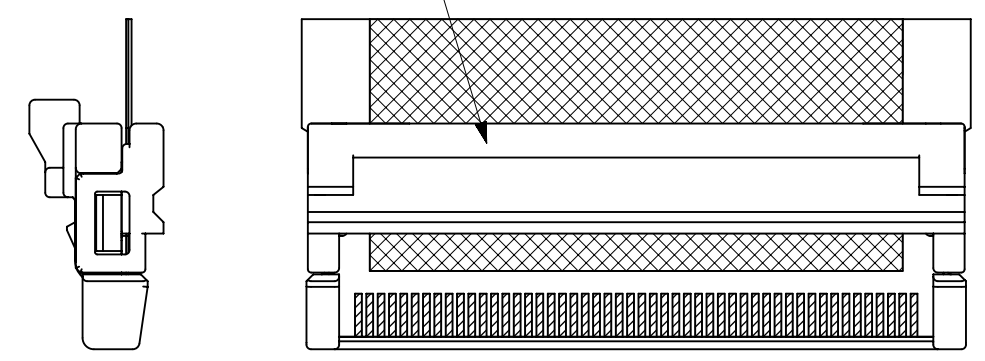


大ラッチジャケット嵌合断面図
LARGE LATCH JACKET
MATED CONNECTOR SECTION

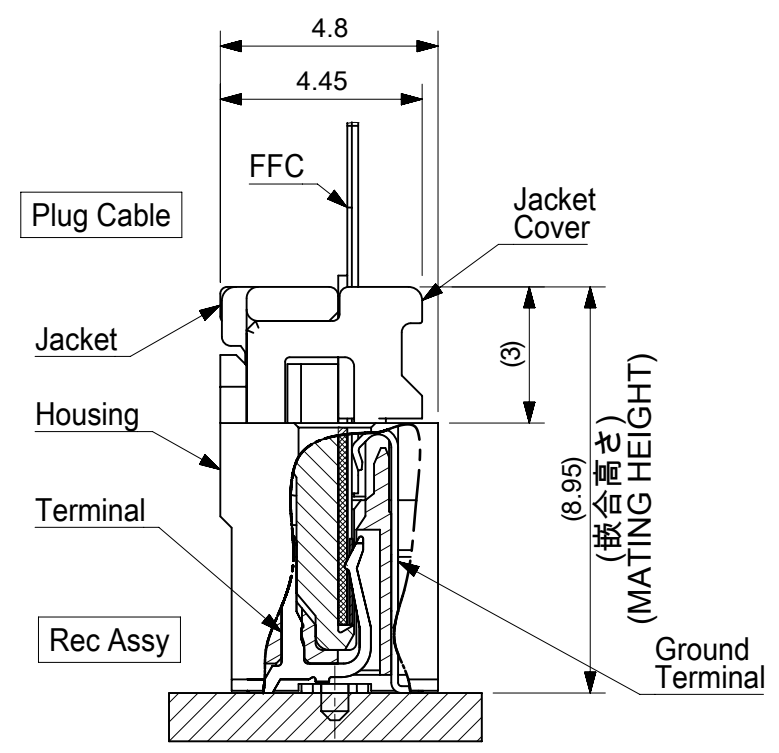


大ラッチジャケット
LARGE LATCH JACKET

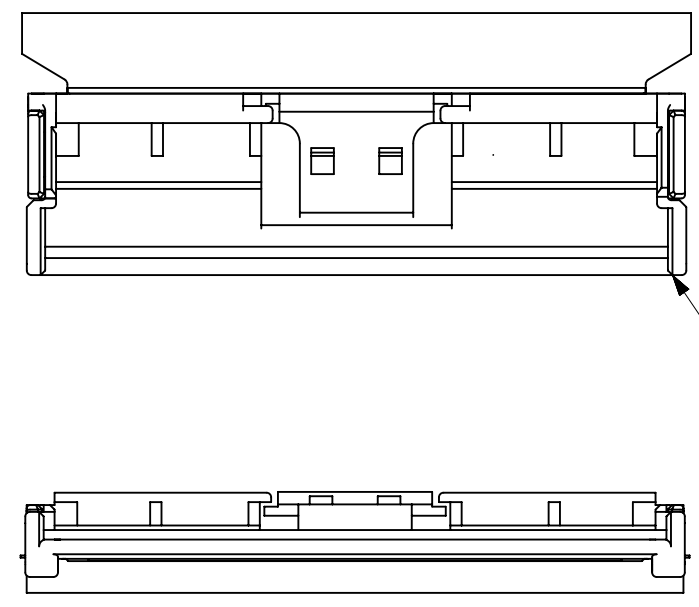
適合ジャケットカバー : 503151**09
製品詳細寸法はSD-503151-001を参照下さい。
APPLICABLE JACKET COVER : 503151**09.
DETAIL DIMENSION IS REFER TO SD-503151-001.



適合大ラッチジャケット : 503150**09
製品詳細寸法はSD-503150-001を参照下さい。
APPLICABLE LARGE LATCH JACKET : 503150**09.
DETAIL DIMENSION IS REFER TO SD-503150-001.

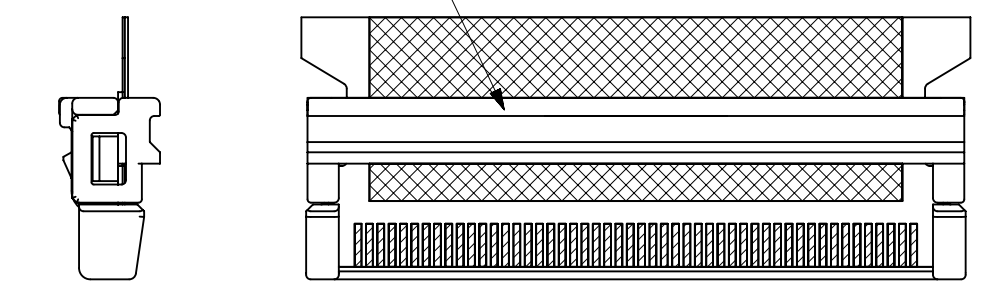


小ラッチジャケット嵌合断面図
SMALL LATCH JACKET
MATED CONNECTOR SECTION



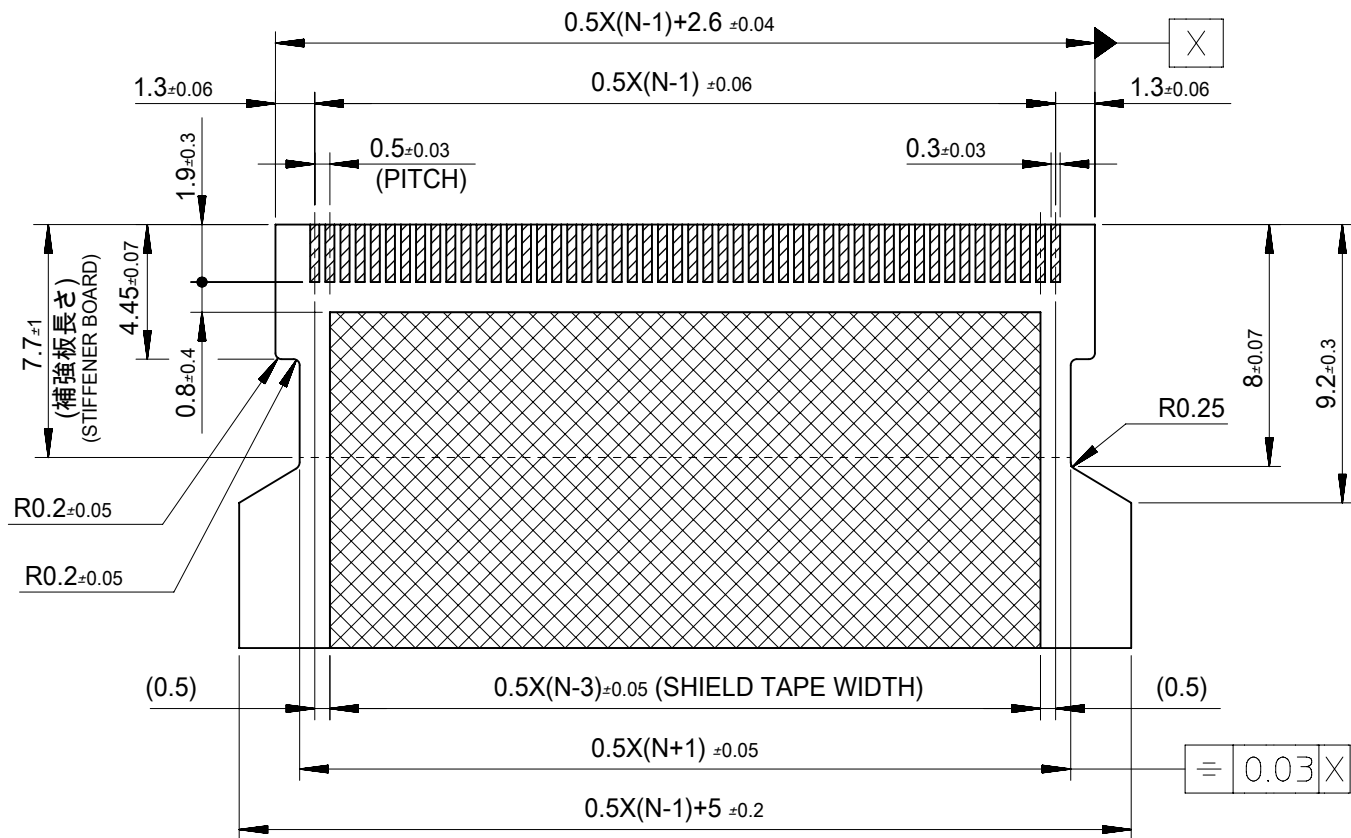
小ラッチジャケット
SMALL LATCH JACKET

適合ジャケットカバー : 501784**08
製品詳細寸法はSD-501784-005を参照下さい。
APPLICABLE JACKET COVER : 501784**08.
DETAIL DIMENSION IS REFER TO SD-501784-005.



適合小ラッチジャケット : 501783**09
製品詳細寸法はSD-501783-004を参照下さい。
APPLICABLE SMALL LATCH JACKET : 501783**09.
DETAIL DIMENSION IS REFER TO SD-501783-004.

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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			0.5 FFC TO BOARD CONN REC HSG ASSY(ST)				
ANGULAR TOL ± 3.0 °											
4 PLACES		± 0.2									
3 PLACES		± 0.2									
2 PLACES		± 0.25									
1 PLACE		± 0.3		INITIAL REVISION: DRWN: NKURAHATTI 2016/02/26 APPR: TKUSUHARA01 2017/04/28			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		± 0.3					5017861002		PSD	000	D
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
						A3-SIZE	501786	SEE CHART	GENERAL MARKET		2 OF 3



適合FFC推奨寸法
APPLICABLE FFC RECOMENDED DIMENSION

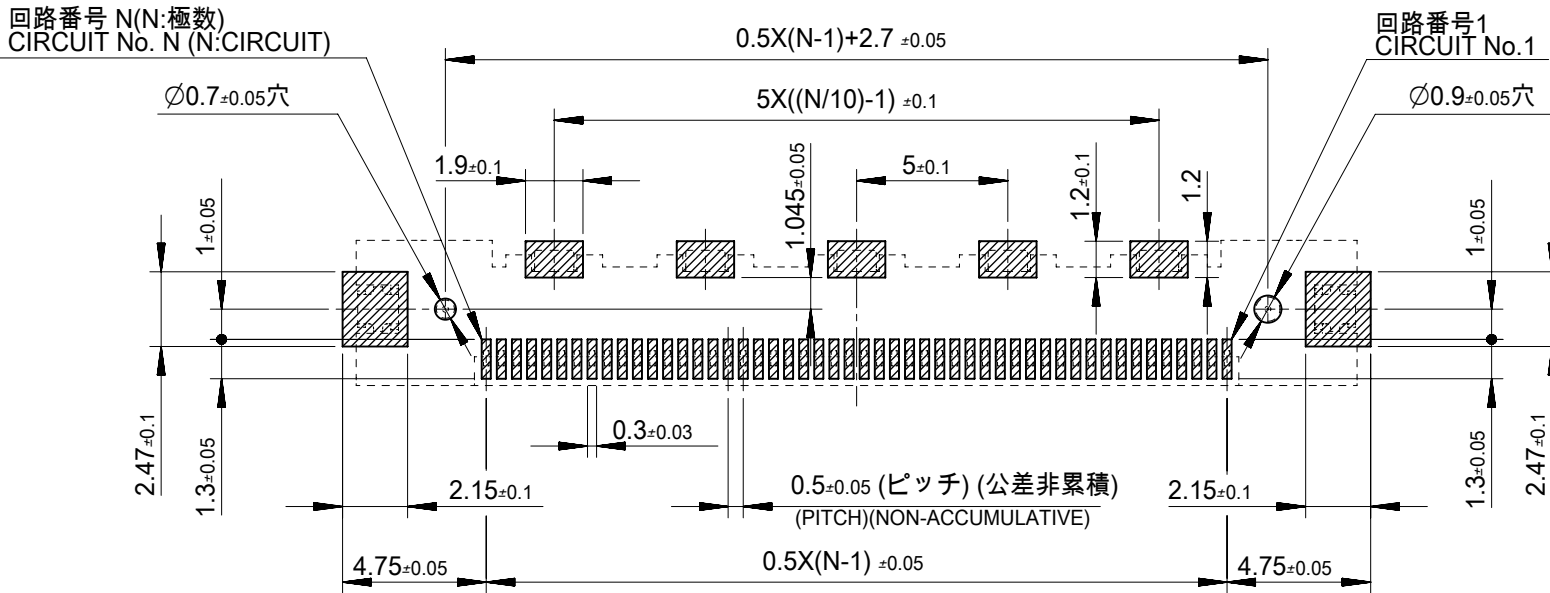
仕上がり厚さ THICKNESS
コネクタ接点部 : 0.3±0.03
CONNECTOR CONTACT PORTION : 0.3±0.03
シールド部 : 0.44±0.05
SHIELD PORTION : 0.44±0.05

コネクタ接点部
CONNECTOR CONTACT PORTION
シールド部
SHIELD PORTION

FFCについて ABOUT FFC

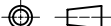
打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅35μmまたは50μmを推奨します。
FFCに規定された定格温度がFFC単体前提である場合が御座います。
コネクタと組み合わせての実使用において、接着層が劣化するなどの信頼性を満足できないケースを回避するため、
実機での評価/確認をお願いいたします。

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.)



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%

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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											
ANGULAR TOL ± 3.0°															
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.25													
1 PLACE		± 0.3		INITIAL REVISION:				DOCUMENT NUMBER 5017861002		DOC TYPE PSD	DOC PART 000	REVISION D			
0 PLACES		± 0.3													
DRWN: NKURAHATTI 2016/02/26 APPR: TKUSUHARA01 2017/04/28															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		501786				GENERAL MARKET		3 OF 3	

