

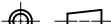
- ① 材料及び仕上げ(めっき仕様) : TABLE1参照
MATERIAL AND FINISES:SEE TABLE 1
2. 製品仕様 : 2147190000-PS 001
PRODUCT SPECIFICATION : 2147190000-PS 001
3. 梱包仕様 : 2147219200-SPK 200
PACKING SPECIFICATION : 2147219200-SPK 200
4. 嵌合相手 : 214719 SERIES
MATE WITH : 214719 SERIES
5. アプリケーション仕様書
(コネクタ取扱い説明書) : 2166940000-AS 000
APPLICATION SPECIFICATION
(CONNECTOR MANUAL) : 2166940000-AS 000

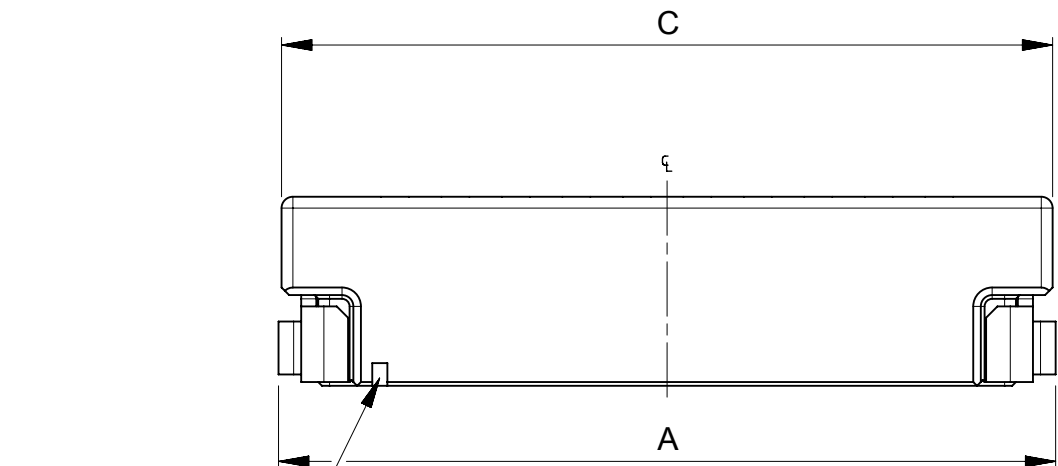
6. 端子テール部及びネイルの平坦度：0.1MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
- △7 極数 = 偶数に適応
APPLY FOR CIRCUIT SIZE = EVEN
- △8 発注番号(製品番号)：SHEET 4の製品一覧を参照ください
ORDER No (MATERIAL No) :
REFER TO SHEET 4 FOR PRODUCT LIST

SERIES No.

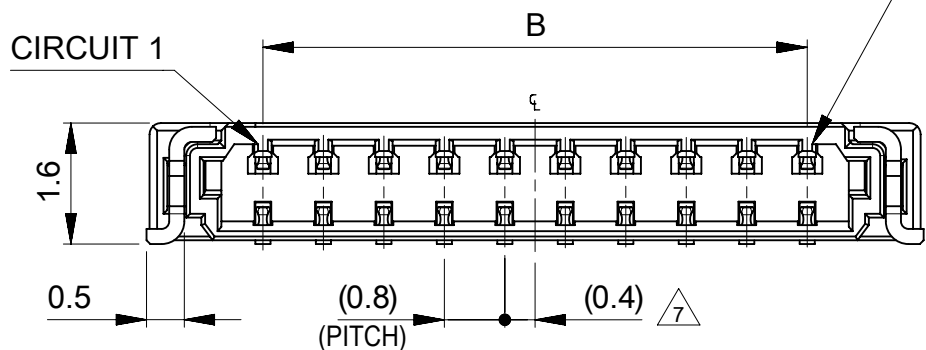
CIRCUIT SIZE

9. 本製品のプラスチック部に黒点、白点等が確認される場合や色合いが異なる場合がありますが、製品機能に影響はありません。
THERE IS NO INFLUENCE IN THE PRODUCT PERFORMANCE THOUGH THE BLACK AND WHITE SPOT ETC.
MIGHT BE CONFIRMED TO THE PLASTIC PART OF THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.

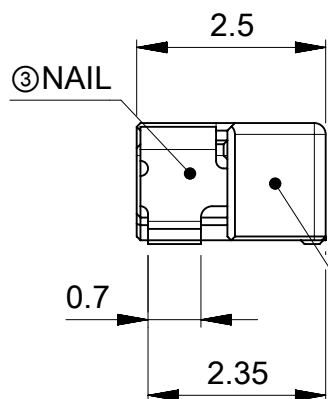
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex							
mm	NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 3.0 °													
4 PLACES		±	0.2										
3 PLACES		±	0.2	EC NO: 747483		ZERO-HACHI 0.8 HDR ASSEMBLY SINGLE ROW RIGHT ANGLE GOLD PLATING							
2 PLACES		±	0.2	DRWN: HKOBAYASHI						2023/03/06			
1 PLACE		±	0.2	CHK'D: AIDA						2023/07/20			
0 PLACES		±	0.2	APPR: SAKIYAMA		2023/07/20	PRODUCT CUSTOMER DRAWING						
INITIAL REVISION:						DOCUMENT NUMBER					DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		214721		2147210000-SD		PSD		001	A
										GENERAL		1 OF 4	



CIRCUIT 1
INDICATOR MARK



CIRCUIT N

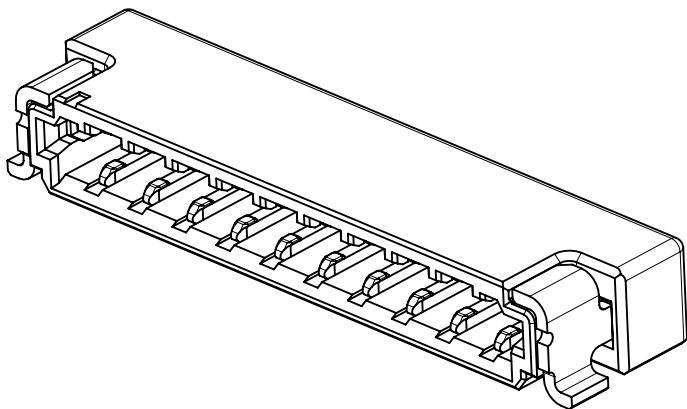


①HOUSING

TRADE MARK

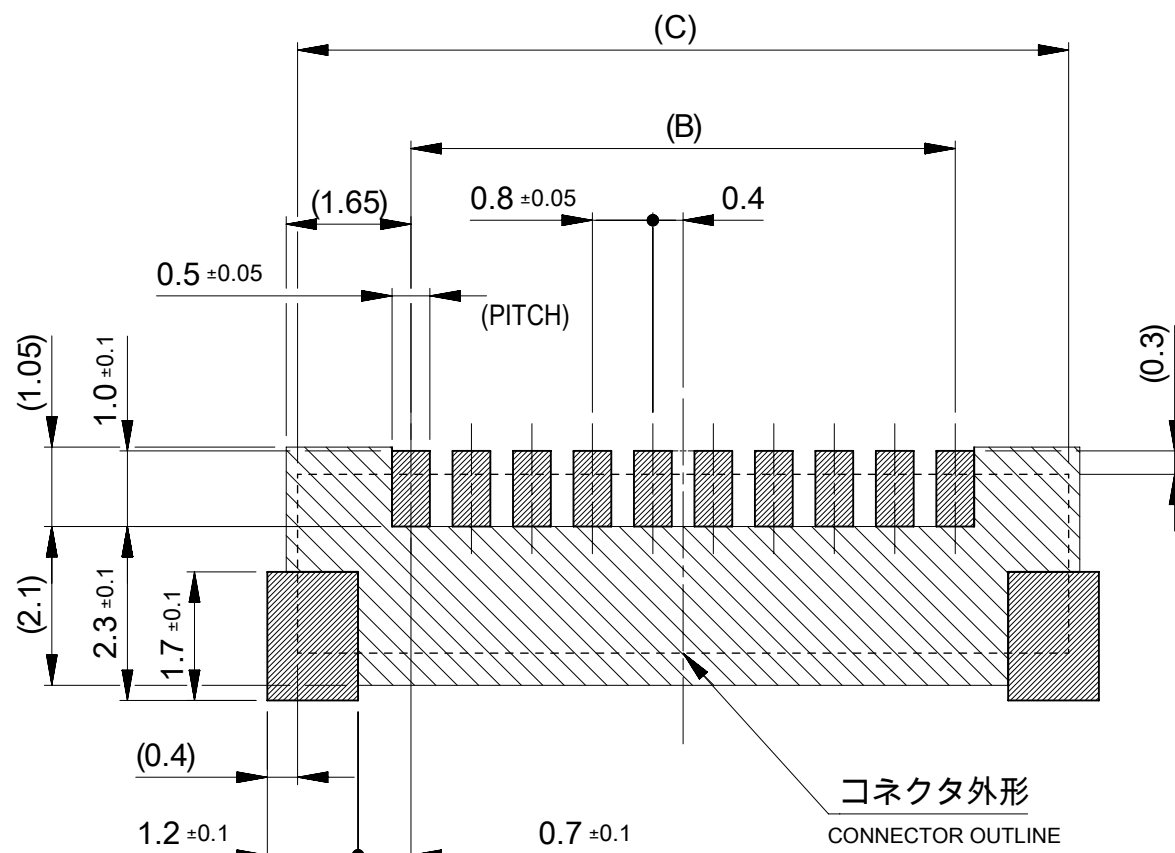
CAV.&MOLD NO.

②TERMINAL



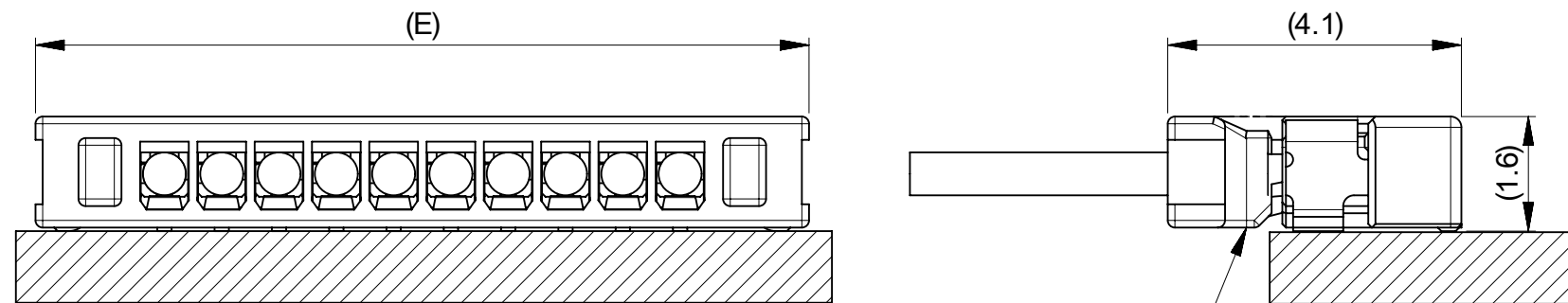
 **TABLE 1**

番号 NO.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	液晶ポリマー(LCP), UL94 V-0, LOW HALOGEN, 黒 LIQUID CRYSTAL POLYMER(LCP), UL94 V-0, LOW HALOGEN, BLACK	
②	ターミナル TERMINAL	銅合金 COPPER ALLOY	
		接点部 CONTACT AREA	金めっき : 0.1 MICROMETER MINIMUM GOLD PLATING
		半田付け部 TAIL AREA	金めっき : GOLD PLATING
		下地めっき UNDER PLATING	ニッケルめっき(下地) : 1.0 MICROMETER MINIMUM NICKEL (UNDER PLATING)
③	ネイル NAIL	リン青銅 PHOSPHOR BRONZE	
		半田付け部 TAIL AREA	錫めっき(リフロー処理) : 1.0 MICROMETER MINIMUM MATTE TIN REFLOW TREATMENT
		下地めっき UNDER PLATING	ニッケルめっき(下地) : 1.0 MICROMETER MINIMUM NICKEL (UNDER PLATING)



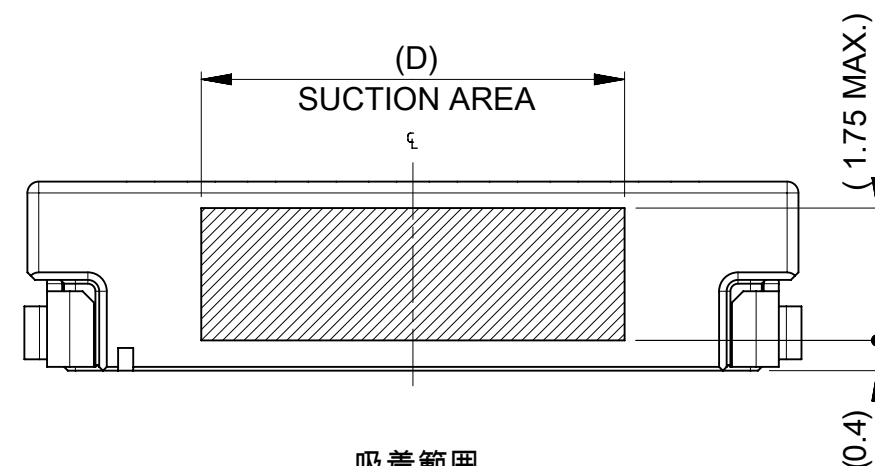
推奨基板パターンレイアウト(参考)
RECOMENDED PCB PATTERN LAYOUT(REF.)
(参考 : メタルマスク厚さ 0.1mm, マスク開口率100%)
(REF:METAL MASK THICKNESS 0.1mm, APERTURE RATIO 100%)

パターン非推奨エリア
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECOMMENDED ON THE HATCHING AREA
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHING AREA.

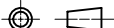


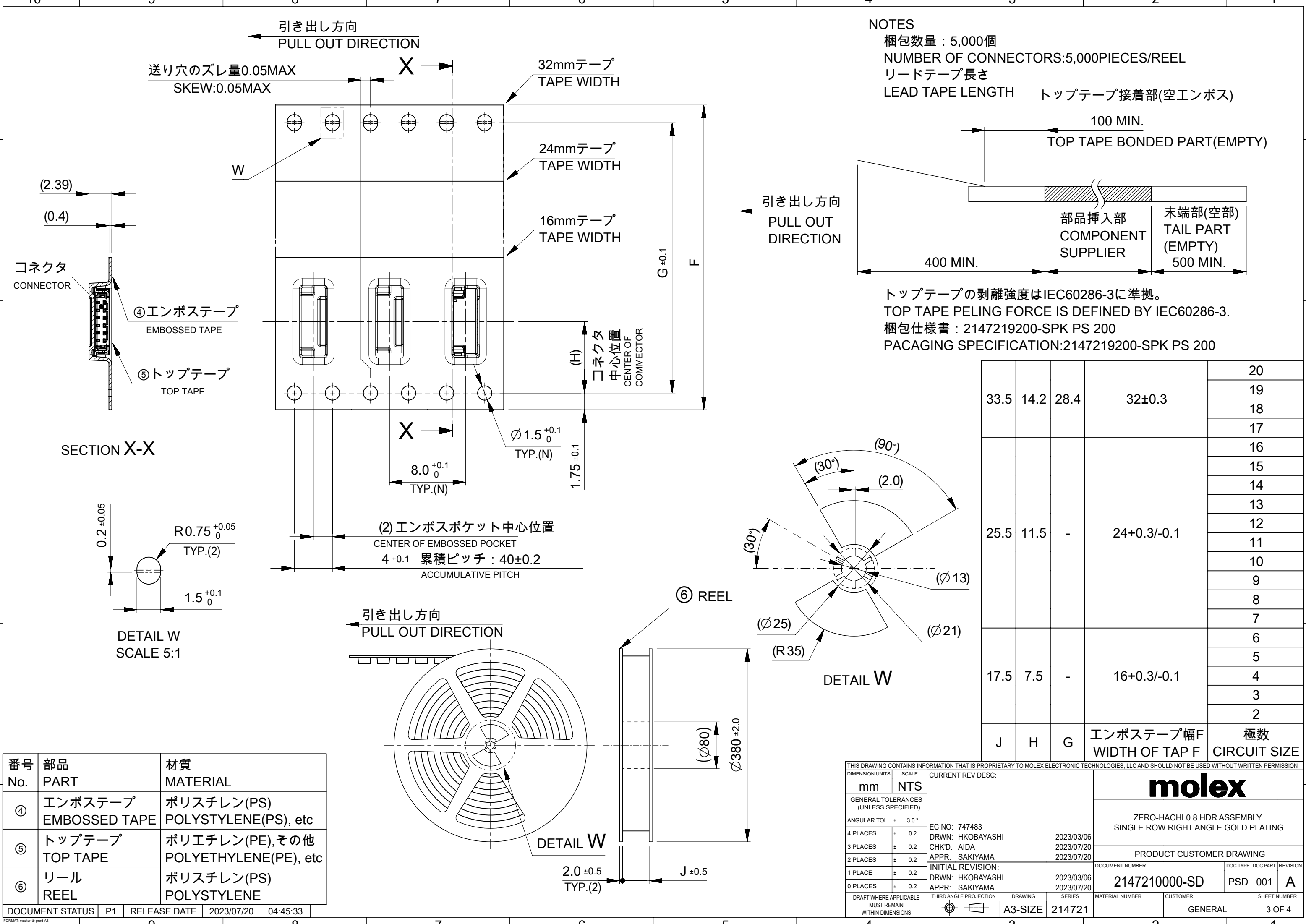
嵌合相手 : 214719シリーズ
MATE WITH:214719 SERIES

嵌合状態図
MATED CONNECTORS

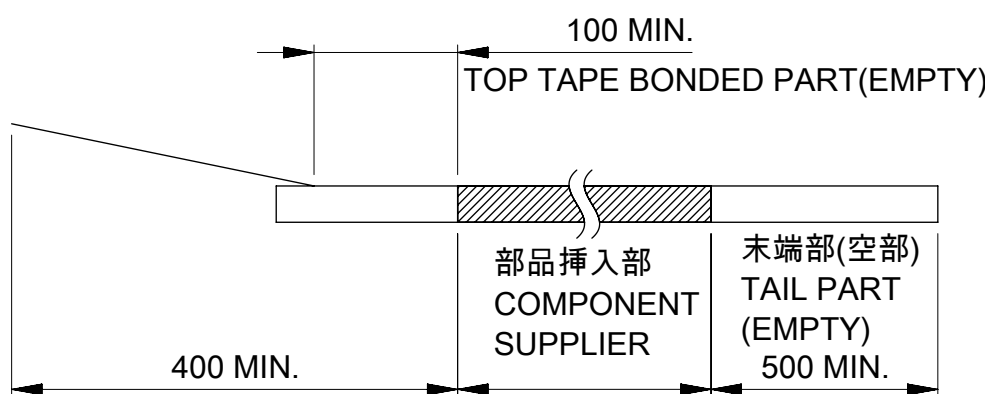


吸着範囲
SUCTION AREA

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				ZERO-HACHI 0.8 HDR ASSEMBLY SINGLE ROW RIGHT ANGLE 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							
0 PLACES		± 0.2									
EC NO: 747483 DRWN: HKOBAYASHI 2023/03/06 CHK'D: AIDA 2023/07/20 APPR: SAKIYAMA 2023/07/20				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				2147210000-SD		PSD		001		A	
INITIAL REVISION: DRWN: HKOBAYASHI 2023/03/06 APPR: SAKIYAMA 2023/07/20				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		214721		CUSTOMER	
								GENERAL			
										SHEET NUMBER	
										2 OF 4	



NOTES
梱包数量 : 5,000個
NUMBER OF CONNECTORS:5,000PIECES/REEL
リードテープ長さ
LEAD TAPE LENGTH
トップテープ接着部(空エンボス)



トップテープの剥離強度はIEC60286-3に準拠。
TOP TAPE PELING FORCE IS DEFINED BY IEC60286-3.
梱包仕様書 : 2147219200-SPK PS 200
PACAGING SPECIFICATION:2147219200-SPK PS 200

33.5	14.2	28.4	32±0.3	20
				19
				18
				17
				16
				15
				14
				13
				12
				11
				10
				9
				8
				7
				6
				5
				4
				3
				2
J	H	G	エンボステープ幅F WIDTH OF TAP F	極数 CIRCUIT SIZE

番号 No.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSSED TAPE	ポリスチレン(PS) POLYSTYLENE(PS), etc
⑤	トップテープ TOP TAPE	ポリエチレン(PE),その他 POLYETHYLENE(PE), etc
⑥	リール REEL	ポリスチレン(PS) POLYSTYLENE

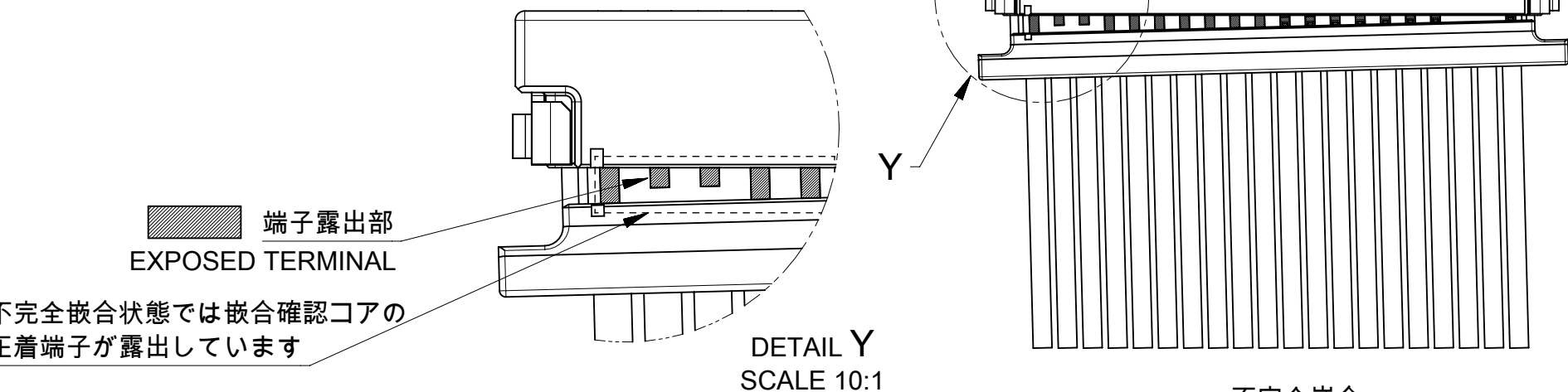
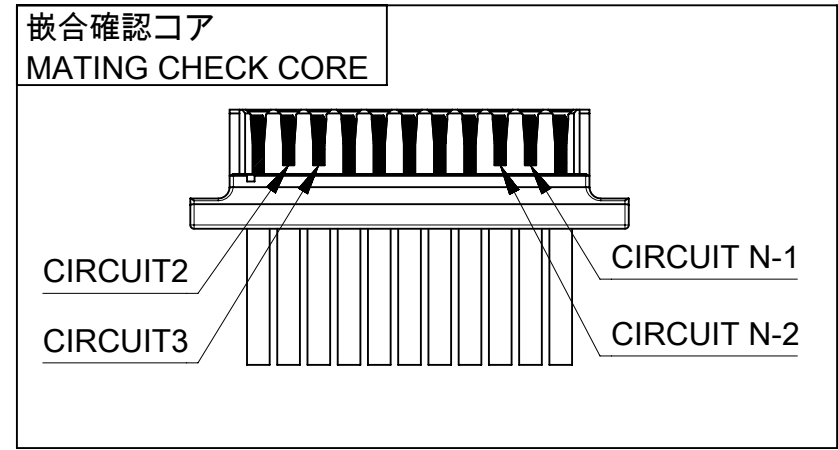
DOCUMENT STATUS	P1	RELEASE DATE	2023/07/20	04:45:33
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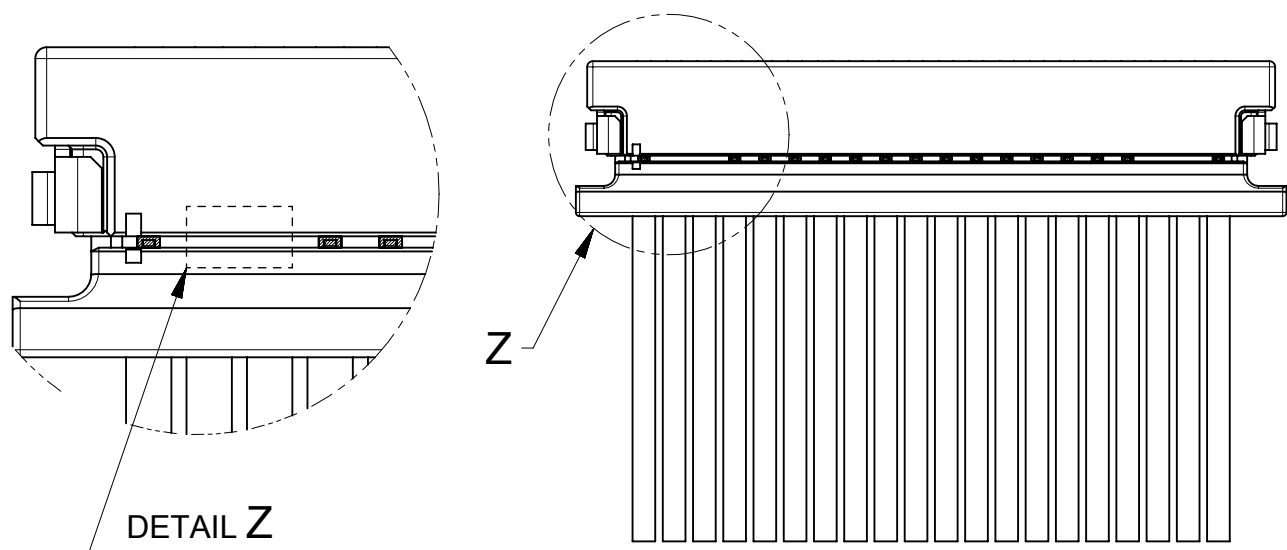
DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC:		molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 747483		ZERO-HACHI 0.8 HDR ASSEMBLY SINGLE ROW RIGHT ANGLE GOLD PLATING		
ANGULAR TOL ± 3.0 °		DRWN: HKOBAYASHI		PRODUCT CUSTOMER DRAWING		
4 PLACES ± 0.2		CHK'D: AIDA		DOCUMENT NUMBER		
3 PLACES ± 0.2		APPR: SAKIYAMA		2147210000-SD		
2 PLACES ± 0.2		INITIAL REVISION:		DOC TYPE		
1 PLACE ± 0.2		DRWN: HKOBAYASHI		PSD		
0 PLACES ± 0.2		APPR: SAKIYAMA		DOC PART		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		001		
		DRAWING		REVISION		
		A3-SIZE		A		
		214721		SHEET NUMBER		
				3 OF 4		

不完全嵌合防止形状(11極 ~ 20極)

INCOMPLETE MATING PREVENTION SHAPE (11~20 CIRCUIT)



THE EXPOSED TERMINAL CONTACTS IN MATING CHECK CORE
INDICATES THE CRIMP HOUSING IS NOT COMPLETELY MATED TO THE HEADER.



正しい位置まで嵌合すると嵌合確認コアの
圧着端子が隠れて目視出来なくなります。

WHEN THE TERMINAL CONTACTS IN MATING CHECK CORE ARE NOT EXPOSED,
IT INDICATES THE CRIMP HOUSING IS COMPLETELY MATED TO THE HEADER.

△ 8 発注番号一覧
ORDER NUMBER LIST

黒 BLACK	ハウジング色 HOUSING COLOR
214721 0201	20
214721 0191	19
214721 0181	18
214721 0171	17
214721 0161	16
214721 0151	15
214721 0141	14
214721 0131	13
214721 0121	12
214721 0111	11
214721 0101	10
214721 0091	9
214721 0081	8
214721 0071	7
214721 0061	6
214721 0051	5
214721 0041	4
214721 0031	3
214721 0021	2
発注番号 ORDER NO.	極数 CIRCUIT SIZE
梱包形態：エンボスリール PACKAGE:EMBOSSED REEL	

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mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 747483 DRWN: HKOBAYASHI 2023/03/06 CHK'D: AIDA 2023/07/20 APPR: SAKIYAMA 2023/07/20													
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									
						A3-SIZE		214721									
						ZERO-HACHI 0.8 HDR ASSEMBLY SINGLE ROW RIGHT ANGLE GOLD PLATING											
						PRODUCT CUSTOMER DRAWING											
						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
						2147210000-SD		PSD		001		A					
						MATERIAL NUMBER		CUSTOMER				SHEET NUMBER					
										GENERAL				4 OF 4			