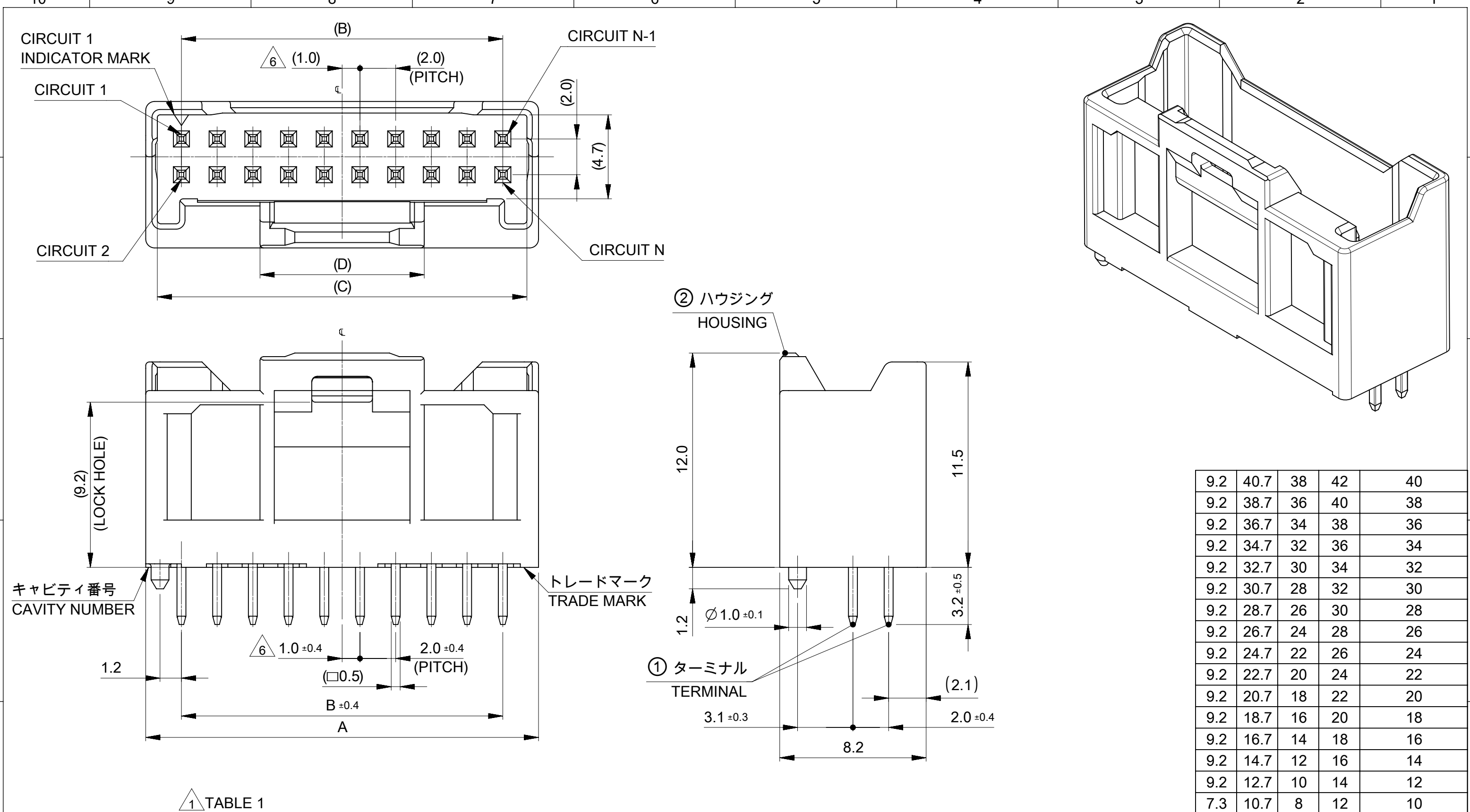




1 TABLE 1			
番号 No.	部品 PART	材質 MATERIAL	
①	ターミナル TERMINAL	母材 BASE MATERIAL	黄銅, BRASS
		下地めっき UNDER PLATING	ニッケルめっき 1.0 MICRO-METER MIN NICKEL PLATING 1.0 MICRO-METER MIN
		コンタクト CONTACT	金めっき 0.1 MICRO-METER MIN GOLD PLATING 0.1 MICRO-METER MIN
		テール SOLDER TAIL	
②	ハウジング HOUSING	ポリアミド(PA)ガラス入り, UL94V-0, 色: SEE CHART POLYAMIDE(PA) GLASS FILLED, UL94V-0, COLOR : SEE CHART	
DOCUMENT STATUS		P1	RELEASE DATE 2023/07/07 04:35:53

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DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex				
mm	NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL ± 3.0 °										
4 PLACES		±	0.2	EC NO: 755147		IGRID 2.0 PLUG ASSEMBLY VERTICAL GOLD PLATING				
3 PLACES		±	0.2	DRWN: SNAKAMURA08 2023/06/27						
2 PLACES		±	0.2	CHK'D: MARAI 2023/07/07						
1 PLACE		±	0.2	APPR: AIDA 2023/07/07		PRODUCT CUSTOMER DRAWING				
0 PLACES		±	0.2	INITIAL REVISION:						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: SNAKAMURA08 2018/03/15		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				APPR: TKANEKO 2018/03/30		5030910000-SD		PSD	000	E
		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A3-SIZE	503091	SEE SHEET3		GENERAL		1 OF 3

NOTES.

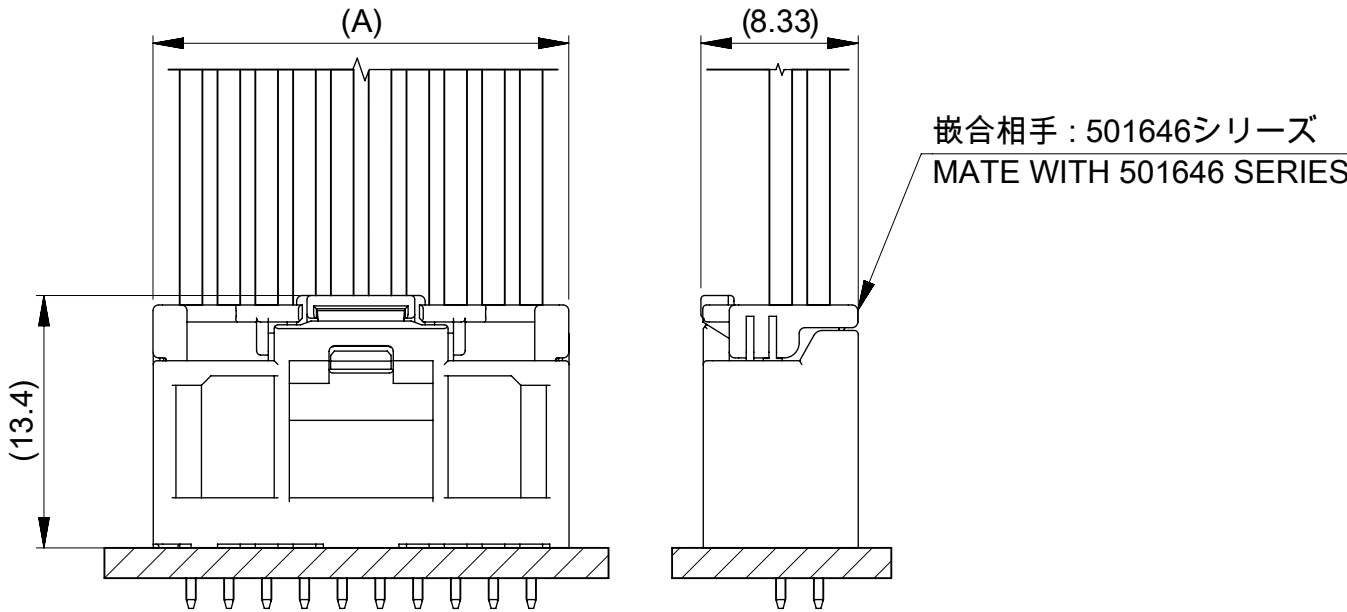
- 1
- 材料及び仕上げ(めっき仕様) : TABLE 1 参照
MATERIAL AND FINISHES : SEE TABLE 1
2. 製品仕様書 : 5016460000-PS 000 / 5016461000-PS 000
PRODUCT SPECIFICATION:5016460000-PS 000 / 5016461000-PS 000
3. 嵌合相手:
MATES WITH:

リセプタクルハウジング RECEPTACLE HOUSING	501646 SERIES	
圧着端子 RECEPTACLE CRIMP TERMINAL	AWG #22-24 金めっき AWG #22-24 GOLD PLATING	503095 2201
	AWG #26-28 金めっき AWG #26-28 GOLD PLATING	503095 2200

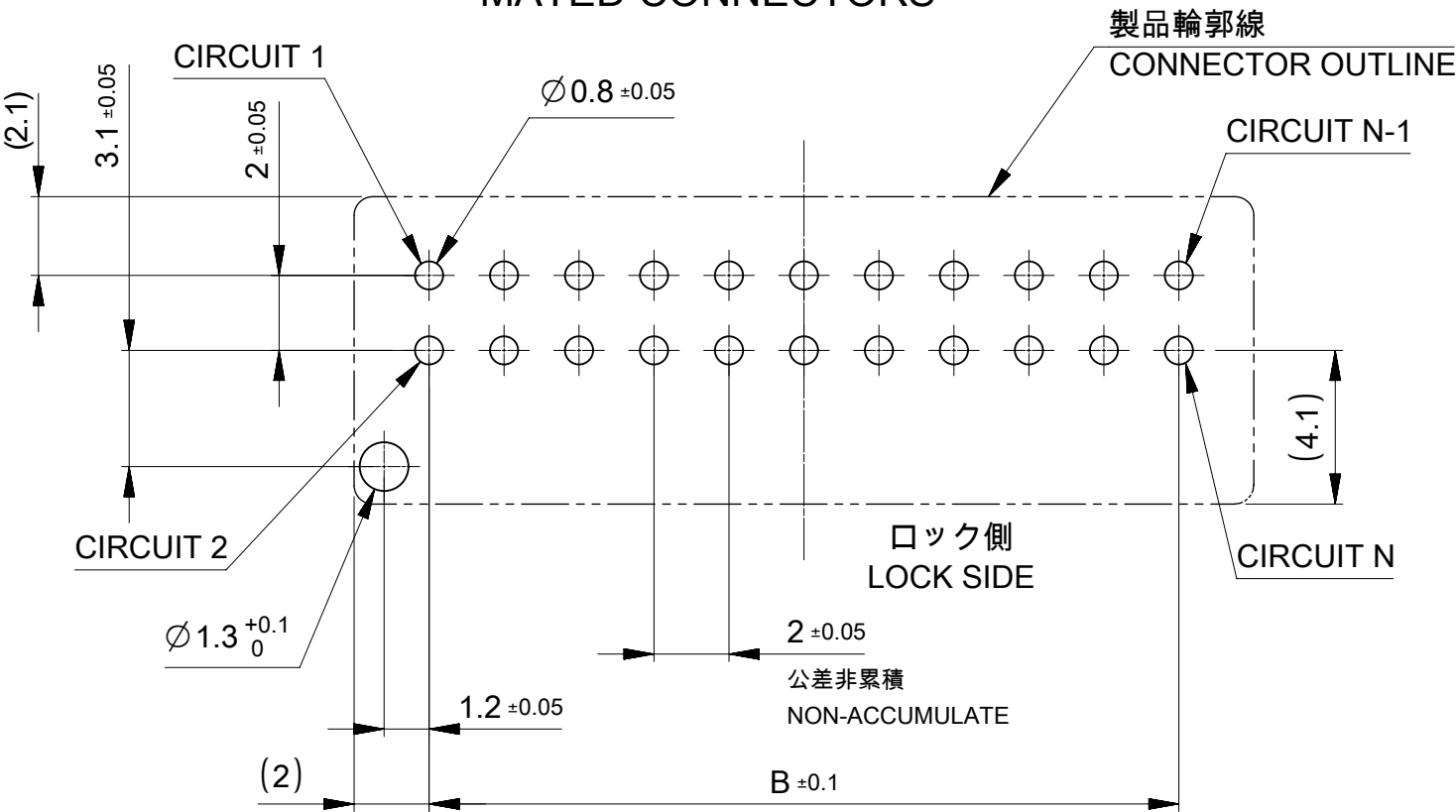
4. アプリケーション仕様書(コネクタ取扱い説明書) : 5016460000 PS A01
APPLICATION SPECIFICATION(CONNECTOR MANNUAL): 5016460000 PS A01
5. 本製品は金めっき品です。
THIS PRODUCT IS A GOLD PLATING.
- 6 極数/2 = 偶数に適応
APPLY FOR CIRCUIT SIZE / 2 =EVEN
7. 梱包仕様書: 5030919200-SPK 200
PACKING INFORMATION : 5030919200-SPK 200
- 8 発注番号 : SHEET 3 参照
ORDER No. : PLEASE REFER TO SHEET 3 FOR PRODUCT LIST

503091 ** 2 *

極数 CIRCUIT SIZE	ハウジングカラー HOUSING COLOR
	0:ナチュラル NATURAL (白 WHITE)
	1:黒 BLACK



嵌合状態図
MATED CONNECTORS



基板取付穴推奨寸法(マウント面)

POLARIZED RECOMMENDED PCB LAYOUT HOLE DIMENSION (MOUNTING SIDE)

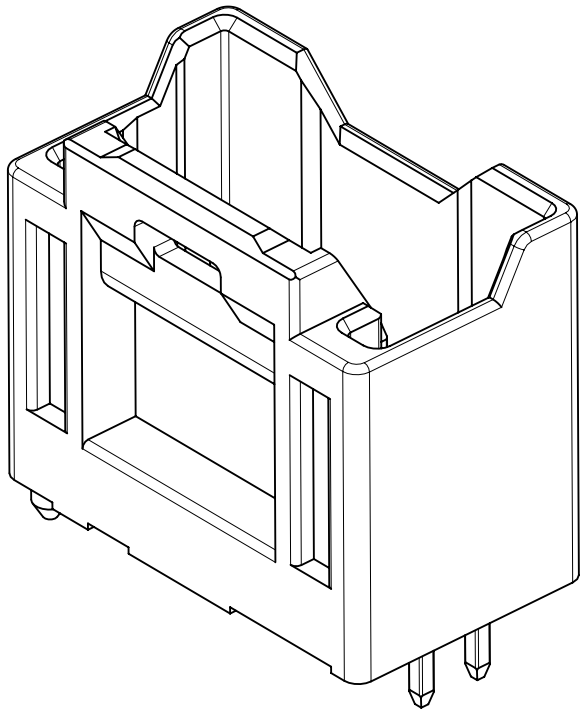
参考基板厚 t=1.2~1.6

REFERENCE PCB THICKNESS t=1.2~1.6

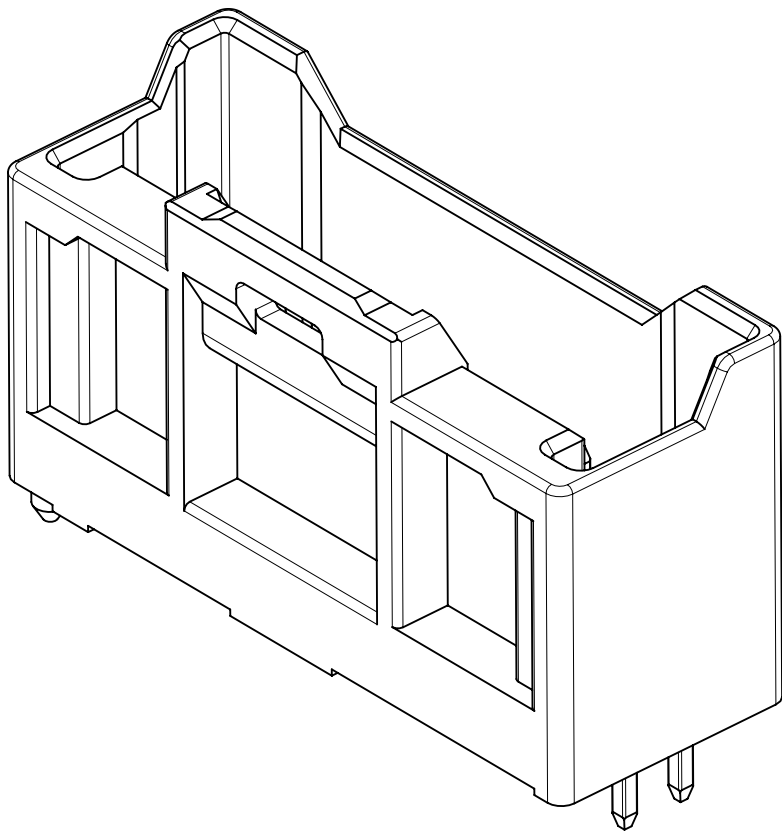
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex IGRID 2.0 PLUG ASSEMBLY VERTICAL GOLD PLATING							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 755147 DRWN: SNAKAMURA082023/06/27 CHK'D: MARAI2023/07/07 APPR: AIDA2023/07/07 INITIAL REVISION: DRWN: SNAKAMURA082018/03/15 APPR: TKANEKO2018/03/30											
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		SHEET NUMBER	
						A3-SIZE		503091		SEE SHEET3		GENERAL		2 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/07	04:35:53
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各極数毎の製品形状
PRODUCT SHAPE AT EACH CIRCUIT



10 ~ 12極形状
VIEW OF 10~12 CIRCUIT



14 ~ 40極形状
VIEW OF 14~40 CIRCUIT

△ 製品一覧 PRODUCT LIST

黒 : BLACK	ナチュラル : NATURAL (白 : WHITE)	色 COLOR
503091 4021	503091 4020	40
▲ 3821	▲ 3820	38
3621	3620	36
3421	3420	34
3221	3220	32
3021	3020	30
2821	2820	28
2621	2620	26
2421	2420	24
2221	2220	22
2021	2020	20
1821	1820	18
1621	1620	16
1421	1420	14
▼ 1221	▼ 1220	12
503091 1021	503091 1020	10
発注番号 ORDER No.		極数 CIRCUIT SIZE
PACKAGING STYLE : TRAY		

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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex									
mm		NTS														
GENERAL TOLERANCES (UNLESS SPECIFIED)							IGRID 2.0 PLUG ASSEMBLY VERTICAL GOLD PLATING									
ANGULAR TOL ± 3.0 °																
4 PLACES		± 0.2		EC NO: 755147			PRODUCT CUSTOMER DRAWING									
3 PLACES		± 0.2		DRWN: SNAKAMURA08 2023/06/27												
2 PLACES		± 0.2		CHK'D: MARAI 2023/07/07												
1 PLACE		± 0.2		APPR: AIDA 2023/07/07			DOCUMENT NUMBER									
0 PLACES		± 0.2		INITIAL REVISION:			DOC TYPE									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			DRAWING			SERIES								
											DRWN: SNAKAMURA08 2018/03/15			5030910000-SD		
											APPR: TKANEKO 2018/03/30			PSD		
														000		
							E									
							SHEET NUMBER									
							3 OF 3									