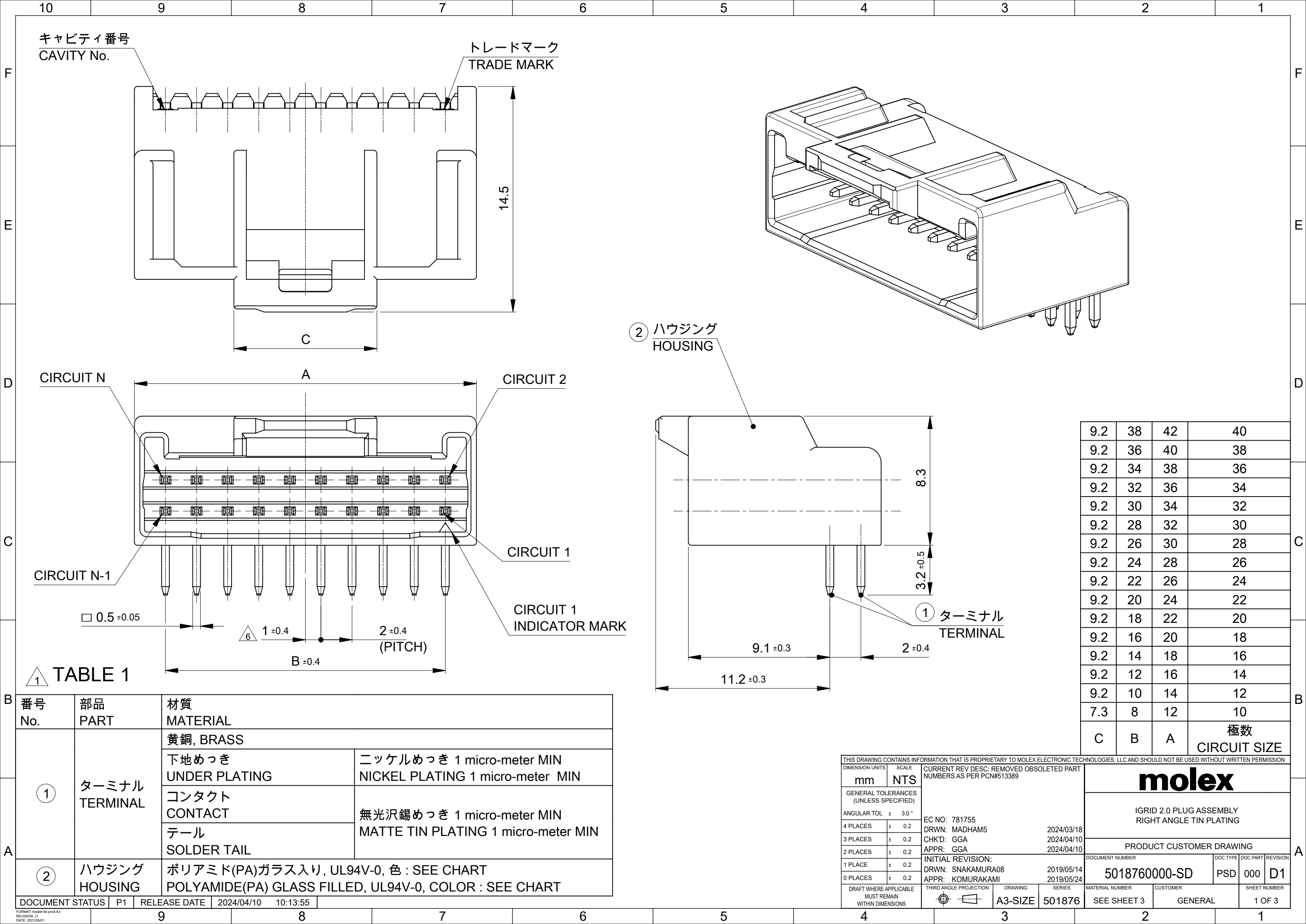




キャビティ番号
CAVITY No.

トレードマーク
TRADE MARK

14.5

C

A

CIRCUIT N

CIRCUIT 2

CIRCUIT N-1

CIRCUIT 1

CIRCUIT 1
INDICATOR MARK

0.5 ±0.05

6

1 ±0.4

2 ±0.4

(PITCH)

B ±0.4

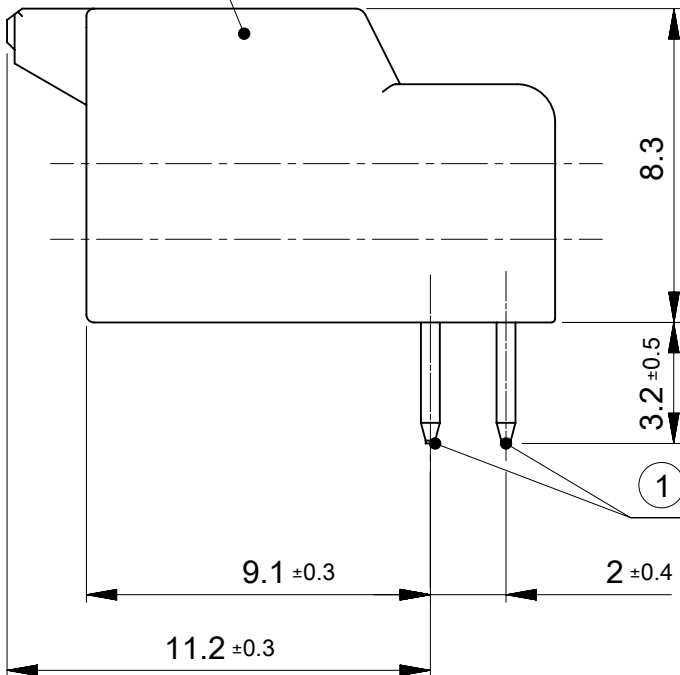
TABLE 1

番号 No.	部品 PART	材質 MATERIAL	
①	ターミナル TERMINAL	黄銅, BRASS	
		下地めっき UNDER PLATING	ニッケルめっき 1 micro-meter MIN NICKEL PLATING 1 micro-meter MIN
		コンタクト CONTACT	無光沢錫めっき 1 micro-meter MIN MATTE TIN PLATING 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 | 2024/04/10 | 10:13:55

FORMAT: master-b-prod-A3
REVISION: 11
DATE: 2021/05/01

② ハウジング
HOUSING



① ターミナル
TERMINAL

9.2	38	42	40
9.2	36	40	38
9.2	34	38	36
9.2	32	36	34
9.2	30	34	32
9.2	28	32	30
9.2	26	30	28
9.2	24	28	26
9.2	22	26	24
9.2	20	24	22
9.2	18	22	20
9.2	16	20	18
9.2	14	18	16
9.2	12	16	14
9.2	10	14	12
7.3	8	12	10
C	B	A	極数 CIRCUIT SIZE

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#513389				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)								IGRID 2.0 PLUG ASSEMBLY RIGHT ANGLE TIN PLATING			
ANGULAR TOL ± 3.0 °											
4 PLACES		± 0.2		EC NO: 781755				PRODUCT CUSTOMER DRAWING			
3 PLACES		± 0.2		DRWN: MADHAM5 2024/03/18							
2 PLACES		± 0.2		CHK'D: GGA 2024/04/10							
1 PLACE		± 0.2		APPR: GGA 2024/04/10				DOCUMENT NUMBER 5018760000-SD			
0 PLACES		± 0.2		INITIAL REVISION:							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: SNAMAMURA08		2019/05/14		THIRD ANGLE PROJECTION 		SERIES A3-SIZE		SHEET NUMBER 1 OF 3	
		APPR: KOMURAKAMI		2019/05/24				MATERIAL NUMBER SEE SHEET 3		CUSTOMER GENERAL	

molex

IGRID 2.0 PLUG ASSEMBLY
RIGHT ANGLE TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION

5018760000-SD | PSD | 000 | D1

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 : PS-501646-001
PRODUCT SPECIFICATION:PS-501646-001
- 3
- 嵌合相手:
MATES WITH:

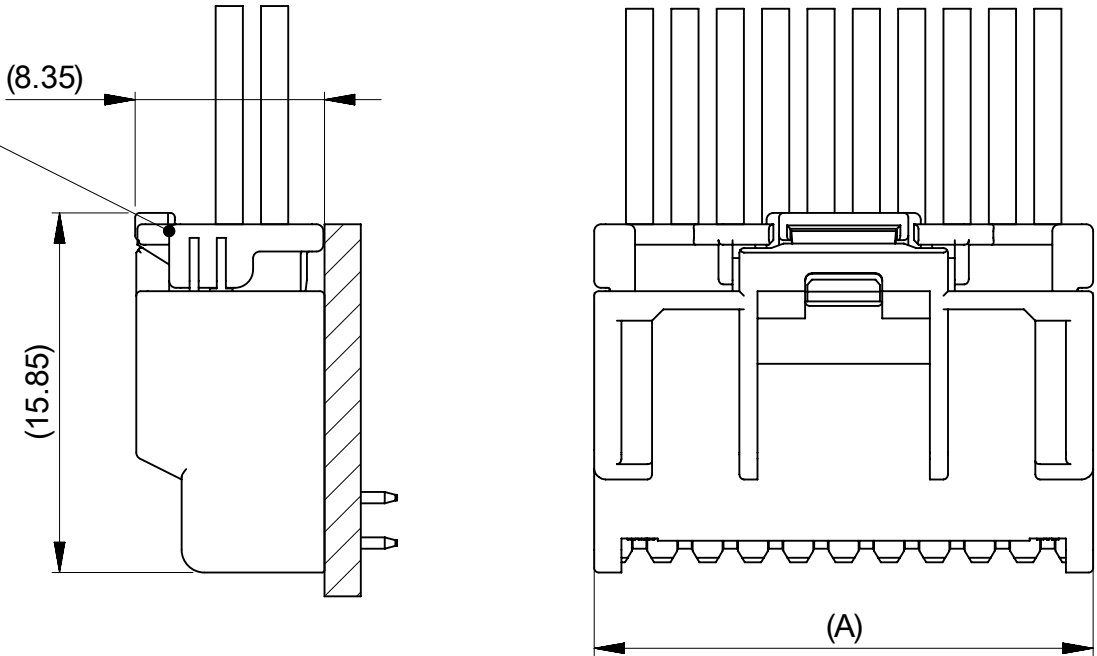
リセプタクルハウジング RECEPTACLE HOUSING	501646 SERIES	
圧着端子 RECEPTACLE CRIMP TERMINAL	AWG #22-26 錫めっき AWG #22-26 TIN PLATING	501647 SERIES
	AWG #26-28 錫めっき AWG #26-28 TIN PLATING	501648 SERIES

- 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 A00
- 5
- 本製品は錫めっき品です。
THIS PRODUCT IS A TIN PLATING.
- 6
- 極数/2 = 偶数に適応
APPLY FOR CIRCUIT SIZE / 2 =EVEN
- 7
- ターミナルに錫めっきを使用している為、外観に摺動痕が付く場合があります。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED IN TERMINAL.
- 8
- 梱包仕様書: SPK-501876-001
PACKING INFORMATION : SPK-501876-001
- 9
- 発注番号 : SHEET 3 参照
ORDER No. : PLEASE REFER TO SHEET 3 FOR PRODUCT LIST

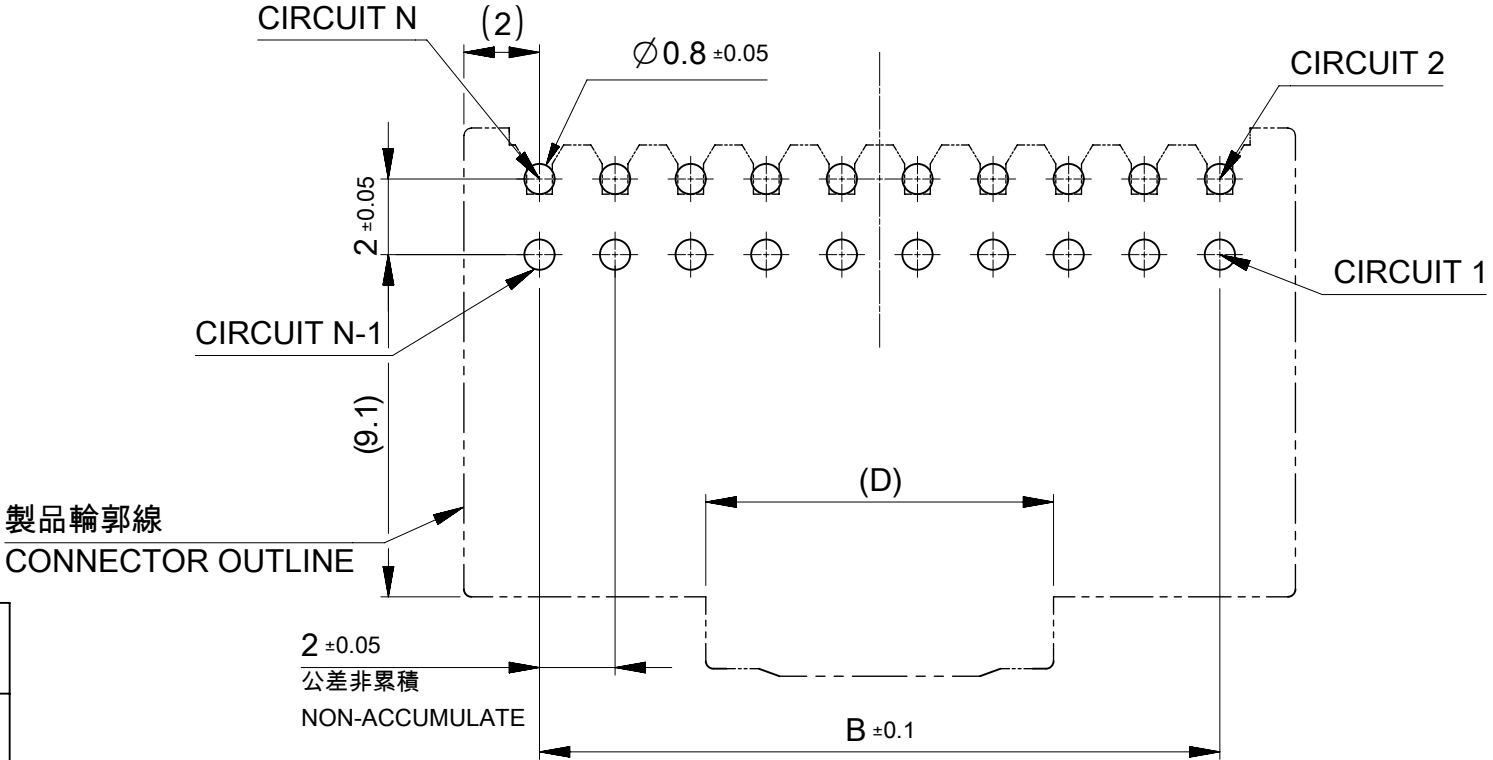
501876	**4*	ハウジングカラー HOUSING COLOR
		0:ナチュラル NATURAL (白 WHITE)
		1:黒 BLACK
		2:赤 RED
		4:青 BLUE

極数
CIRCUIT SIZE

嵌合相手 501646 SERIES
MATE WITH : 501646 SERIES



嵌合図
MATED CONNECTORS

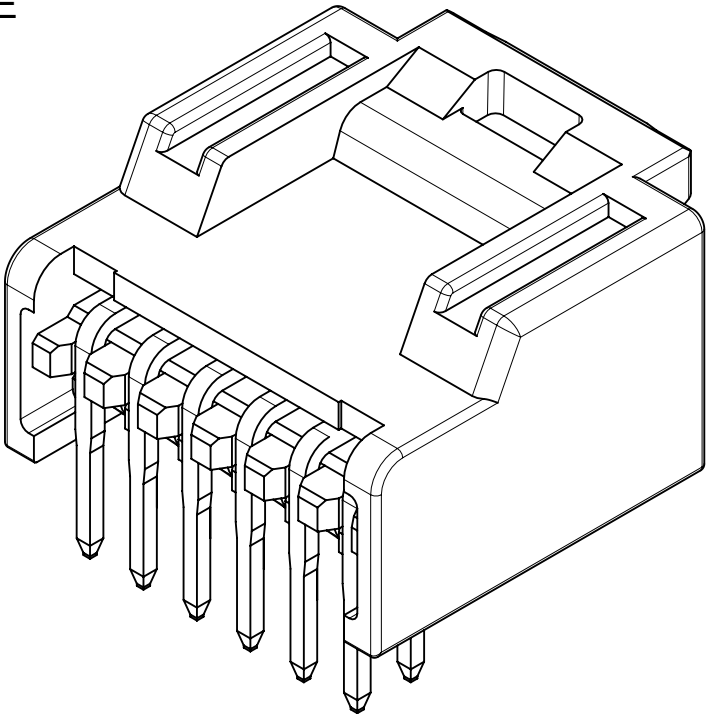


基板取付穴推奨寸法(マウント面)
RECOMMENDED PCB HOLE DIMENSION (MOUNTING SIDE)
参考基板厚 t=1.2~1.6
REFERANCE PCB THICKNESS t=1.2~1.6

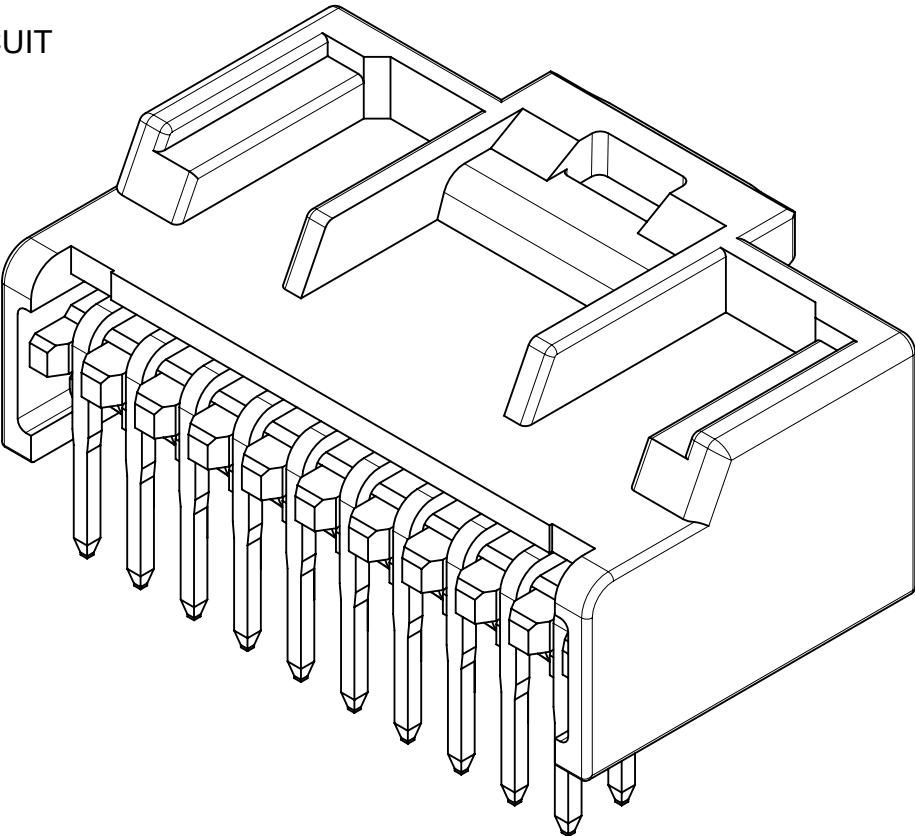
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513389				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 781755 DRWN: MADHAM52024/03/18 CHK'D: GGA2024/04/10 APPR: GGA2024/04/10 INITIAL REVISION: DRWN: SNAKAMURA082019/05/14 APPR: KOMURAKAMI2019/05/24					
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		501876	
								MATERIAL NUMBER	
								CUSTOMER	
								SHEET NUMBER	
						SEE SHEET 3		GENERAL	
								2 OF 3	
								DOCUMENT NUMBER	
						5018760000-SD		DOC TYPE	
								DOC PART	
								REVISION	
								PSD	
								000	
								D1	

製品形状
PRODUCT SHAPE

10, 12 極
10, 12 CIRCUIT



14 - 40 極
14 - 40 CIRCUIT



△₉ 製品一覧 PRODUCT LIST

青: BLUE	赤: RED	黒 : BLACK	ナチュラル : NATURAL (白 : WHITE)	HOUSING COLOR
501876 4044	501876 4042	501876 4041	501876 4040	40
↑ 3844	↑ 3842	↑ 3841	↑ 3840	38
3644	3642	3641	3640	36
3444	3442	3441	3440	34
3244	3242	3241	3240	32
3044	3042	3041	3040	30
2844	2842	2841	2840	28
2644	2642	2641	2640	26
2444	2442	2441	2440	24
2244	2242	2241	2240	22
2044	2042	2041	2040	20
1844	1842	1841	1840	18
1644	1642	1641	1640	16
1444	1442	1441	1440	14
↓ 1244	↓ 1242	↓ 1241	↓ 1240	12
501876 1044	501876 1042	501876 1041	501876 1040	10
発注番号 ORDER No.				極数
PACKAGING STYLE : TRAY				CIRCUIT SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex IGRID 2.0 PLUG ASSEMBLY RIGHT ANGLE TIN PLATING PRODUCT CUSTOMER DRAWING																											
DIMENSION UNITS						SCALE																							
mm						NTS																							
GENERAL TOLERANCES (UNLESS SPECIFIED)						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							
EC NO: 781755		DRWN: MADHAM5		2024/03/18		CHK'D: GGA		APPR: GGA		2024/04/10		INITIAL REVISION:		DRWN: SNAKAMURA08		2019/05/14		APPR: KOMURAKAMI		2019/05/24		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
501876		4044		501876		4042		501876		4041		501876		4040		40		38		36		34		32		30		28	
26		24		22		20		18		16		14		12		10		9		8		7		6		5		4	
3		2		1		0		-1		-2		-3		-4		-5		-6		-7		-8		-9		-10			