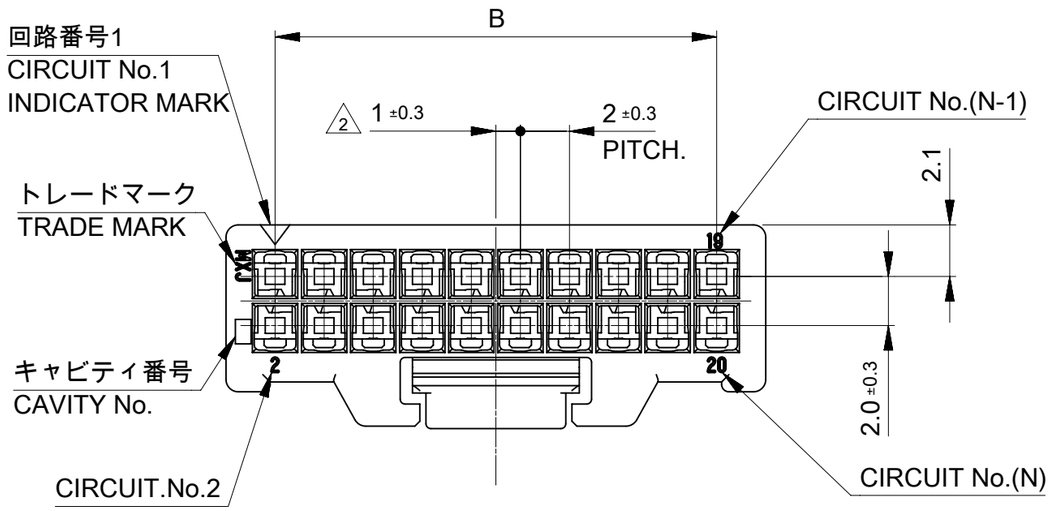
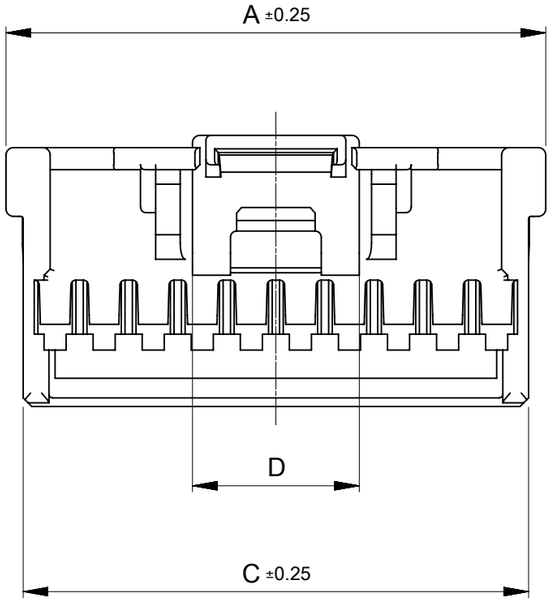
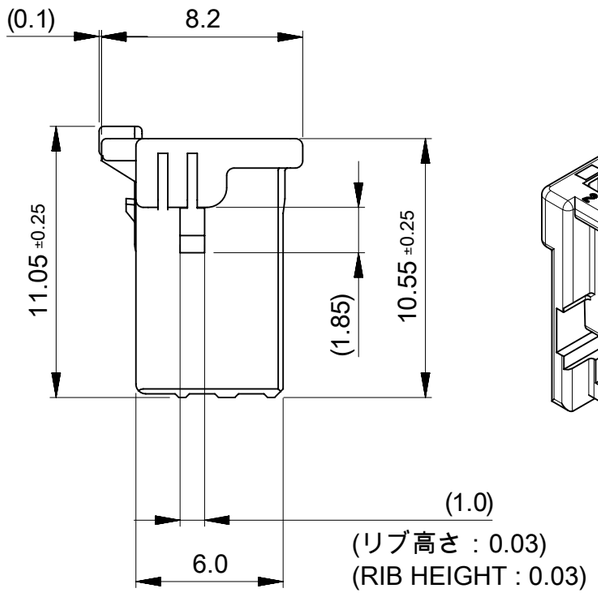
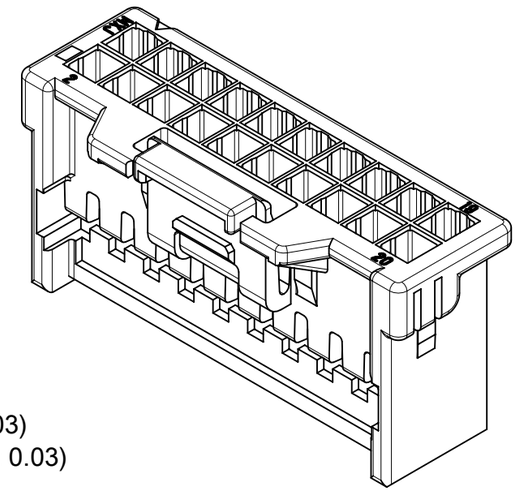








注記
NOTES

△1 材料: TABLE 1 参照
MATERIAL : SEE TABLE 1
△2 極数/2=偶数 となる極数に適用
APPLY FOR CIRCUIT SIZE/2 = EVEN
3. 関連製品・ 書類はSHEET 2を参照ください
REFER TO SHEET 2 ABOUT RELATED PRODUCTS AND DOCUMENTS.
4. オーダー番号(製品番号): SHEET 2の製品一覧を参照ください
ORDER No. (PRODUCT No.) : REFER TO SHEET 2 FOR PRODUCT LIST.

501646-**0*

極数 CIRCUIT SIZE

ハウジングカラー HOUSING COLOR
0: ナチュラル NATURIAL
1: 黒 BLACK
2: 赤 RED
4: 青 BLUE
6: 緑 GREEN

6.8	40.6	38	42	40
6.8	38.6	36	40	38
6.8	36.6	34	38	36
6.8	34.6	32	36	34
6.8	32.6	30	34	32
6.8	30.6	28	32	30
6.8	28.6	26	30	28
6.8	26.6	24	28	26
6.8	24.6	22	26	24
6.8	22.6	20	24	22
6.8	20.6	18	22	20
6.8	18.6	16	20	18
6.8	16.6	14	18	16
6.8	14.6	12	16	14
6.8	12.6	10	14	12
5.1	10.6	8	12	10
D	C	B	A	極数 CIRCUIT SIZE

△1 TABLE 1

部品 PART	材質 MATERIAL
ハウジング HOUSING	ポリアミド(PA)ガラス無し、UL94V-0、色: SEE CHART POLYAMIDE(PA) UNFILLED, UL94V-0,COLOR: SEE CHART

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/20 10:35:52

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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

CURRENT REV DESC: REDRAWN

EC NO: 711900
DRWN: SNAKAMURA08 2017/09/25
CHK'D: KOMURAKAMI 2022/07/20
APPR: SAKIYAMA 2022/07/20

INITIAL REVISION:
DRWN: SNAKAMURA08 2017/09/25
APPR: SAKIYAMA 2022/07/20

molex

IGRID 2.0 WIRE TO BOARD
RCEPTACLE HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5016460000-SD	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	501646

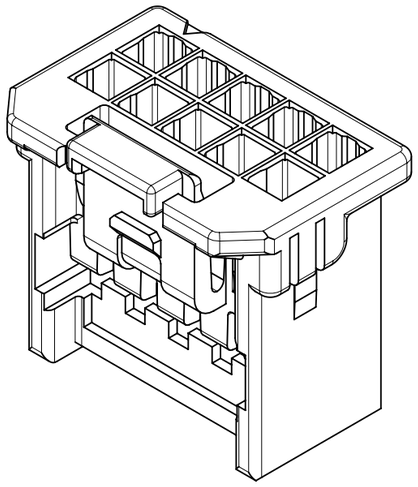
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL	1 OF 2

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

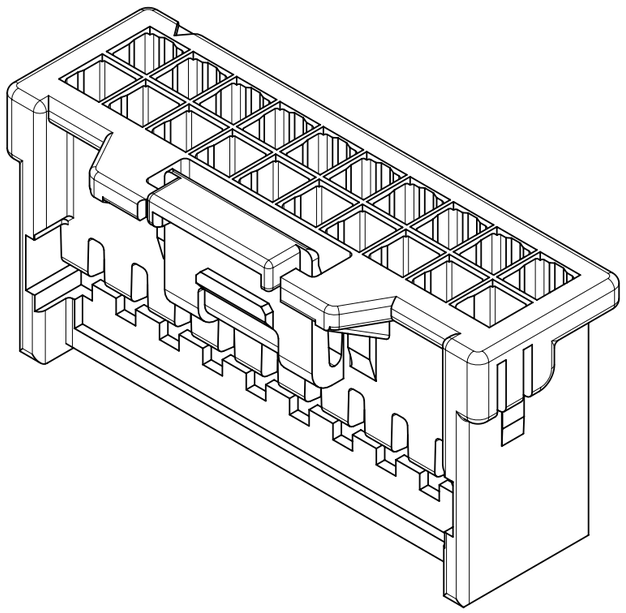
製品一覧
PRODUCT LIST

緑: GREEN	青: BLUE	赤: RED	黒 : BLACK	ナチュラル NATURAL	HOUSING COLOR
501646 4006	501646 4004	501646 4002	501646 4001	501646 4000	40
↑ 3806	↑ 3804	↑ 3802	↑ 3801	↑ 3800	38
3606	3604	3602	3601	3600	36
3406	3404	3402	3401	3400	34
3206	3204	3202	3201	3200	32
3006	3004	3002	3001	3000	30
2806	2804	2802	2801	2800	28
2606	2604	2602	2601	2600	26
2406	2404	2402	2401	2400	24
2206	2204	2202	2201	2200	22
2006	2004	2002	2001	2000	20
1806	1804	1802	1801	1800	18
1606	1604	1602	1601	1600	16
1406	1404	1402	1401	1400	14
↓ 1206	↓ 1204	↓ 1202	↓ 1201	↓ 1200	12
501646 1006	501646 1004	501646 1002	501646 1001	501645 1000	10
発注番号 ORDER No. PACKAGING STYLE : POLYBAG					極数 CIRCUIT SIZE

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

適合製品及び各種仕様書
APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

梱包仕様書 PACKING SPECIFICATION	PART NUMBER	SPECIFICATION NUMBER
	501646 **0*	5016469200 PS 200

適合圧着端子 APPLICABLE CRIMP TERMINAL	PLATING TYPE	PART NUMBER	WIRE SIZE(AWG)
	TIN	5016471000	#22 - #26
		5016481000	#26 - #28
	GOLD	5030952201	#22 - #24
		5030952200	#26 - #28

適合嵌合相手 MATE WITH	TIN PLATING		GOLD PLATING	
	VERTICAL	RIGHT ANGLE	VERTICAL	RIGHT ANGLE
シリーズ番号 SERIES No.	501645	501876	503091	208659
製品仕様書 PRODUCT SPECIFICATION	PS-501646-001		5016460000-PS 000	
アプリケーション仕様書 APPLICATION SPECIFICATION	5016460000 PS A01			

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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

CURRENT REV DESC: REDRAWN

EC NO: 711900
DRWN: SNAKAMURA08 2017/09/25
CHK'D: KOMURAKAMI 2022/07/20
APPR: SAKIYAMA 2022/07/20

INITIAL REVISION:
DRWN: SNAKAMURA08 2017/09/25
APPR: SAKIYAMA 2022/07/20

molex

IGRID 2.0 WIRE TO BOARD
RCEPTACLE HOUSING

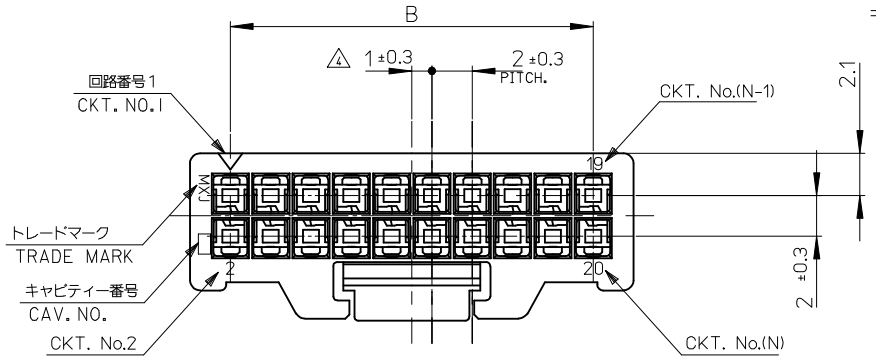
PRODUCT CUSTOMER DRAWING

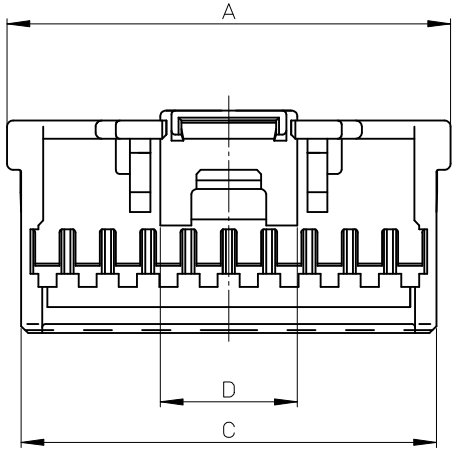
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5016460000-SD	PSD	000	A

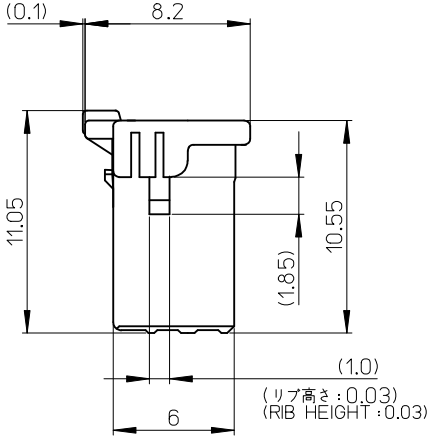
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	501646	SEE TABLE	GENERAL	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/20 10:35:52

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01







注記
NOTES

1. 材料 MATERIAL
ハウジング ： 66ナイロン，UL94V-0
HOUSING ： 66NYLON, UL94V-0

2. 嵌合相手 MATES WITH

PLUG ST HEADER (TIN PLATING)	501645 SERIES
PLUG ST HEADER (GOLD PLATING)	503091 SERIES
PLUG R/A HEADER (TIN PLATING)	501876 SERIES

3. 適合ターミナル APPLICABLE TERMINAL

REC. CRIMP TERMINAL (AWG #22-26) (TIN PLATING)	501647 SERIES
REC. CRIMP TERMINAL (AWG #26-#28) (TIN PLATING)	501648 SERIES
REC. CRIMP TERMINAL (AWG #26-28) (GOLD PLATING)	503095 SERIES

4. (全極数／2) =偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN

5. 製品番号 MATERIAL No.

501646 - ** 0 *
極数 CIRCUIT SIZE　色 COLOR

6. ELV及び RoHS 適合品
ELV AND RoHS COMPLIANT.

ナチュラル NATURAL	0
黒 BLACK	1
赤 RED	2
黄 YELLOW	3
青 BLUE	4
桃 PINK	5
緑 GREEN	6
茶 BROWN	7
橙 ORANGE	8
紫 VIOLET	9

D	C	B	A	5 MATERIAL NO.	CKT.
6.8	40.6	38	42	501646-400*	40
6.8	38.6	36	40	-380*	38
6.8	36.6	34	38	-360*	36
6.8	34.6	32	36	-340*	34
6.8	32.6	30	34	-320*	32
6.8	30.6	28	32	-300*	30
6.8	28.6	26	30	-280*	28
6.8	26.6	24	28	-260*	26
6.8	24.6	22	26	-240*	24
6.8	22.6	20	24	-220*	22
6.8	20.6	18	22	-200*	20
6.8	18.6	16	20	-180*	18
6.8	16.6	14	18	-160*	16
6.8	14.6	12	16	-140*	14
6.8	12.6	10	14	-120*	12
5.1	10.6	8	12	501646-100*	10

REVISED
EC NO: J2017-0032
DRWN:AIDA 2016/07/01
CH'KD:SAKIYAMA 2016/07/01
APPR:TKANEKO 2016/07/12
REV H
DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER		UNDER	±0.03
0.25	OVER	0.5	UNDER	±0.05
0.5	OVER	1.0	UNDER	±0.1
1.0	OVER	10	UNDER	±0.2
10	OVER	30	UNDER	±0.25
30	OVER			±0.3
ANGULAR		±3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: N.ITO DATE: '05/07/04
CHECKED BY: ASAKAWA DATE: '05/07/04
APPROVED BY: ICHIKAWA DATE: '05/07/04

TITLE: IGRID 2.0MM W/B DUAL RCPT HSG

MATERIAL NO.: 501646-**0*
DOCUMENT NO.: SD-501646-001
SHEET NO.: 1 OF 1
SIZE: A3

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