

回路番号1
CIRCUIT No.1
INDICATOR MARK

トレードマーク
TRADE MARK

キャビティ番号
CAVITY No.

CIRCUIT.No.2

CIRCUIT No.(N-1)

CIRCUIT No.(N)

1 ±0.3

2 ±0.3
PITCH.

2.0 ±0.3

2:1

18

20

A ±0.25

D

C ±0.25

(0.1)

8.2

11.05 ±0.25

(1.85)

10.55 ±0.25

6.0

(1.0)

(リブ高さ : 0.03)
(RIB HEIGHT : 0.03)

501646-**0*

極数
CIRCUIT SIZE

ハウジングカラー
HOUSING COLOR

0: ナチュラル NATURAL

1: 黒 BLACK

2: 赤 RED

4: 青 BLUE

6: 緑 GREEN

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.

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
CHK'D: KOMURAKAMI
APPR: SAKIYAMA

INITIAL REVISION:
DRWN: SNAKAMURA08
APPR: SAKIYAMA

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
501646

IGRID 2.0 WIRE TO BOARD
RCEPTACLE HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
5016460000-SD

DOC TYPE
PSD

DOC PART
000

REVISION
A

MATERIAL NUMBER
SEE SHEET 2

CUSTOMER
GENERAL

SHEET NUMBER
1 OF 2

10	9	8	7	製品一覧 PRODUCT LIST		6	5	4	3	2	1											
F	各極数毎の製品形状 PRODUCT SHAPE AT EACH CIRCUIT					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						
E						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.												極数				
						PACKAGING STYLE : POLYBAG												CIRCUIT SIZE				
D	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																	
	C	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																	
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: REDRAWN				molex									
					mm		NTS															
					GENERAL TOLERANCES (UNLESS SPECIFIED)				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				IGRID 2.0 WIRE TO BOARD RCEPTACLE HOUSING									
					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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION						
				A3-SIZE		501646		501646		5016460000-SD		PSD		000		A						
										SEE TABLE		GENERAL				2 OF 2						
DOCUMENT STATUS					P1		RELEASE DATE		2022/07/20		10:35:52											
					9		8		7		6		5		4		3		2		1	

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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

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

- △ 製品番号 MATERIAL No.

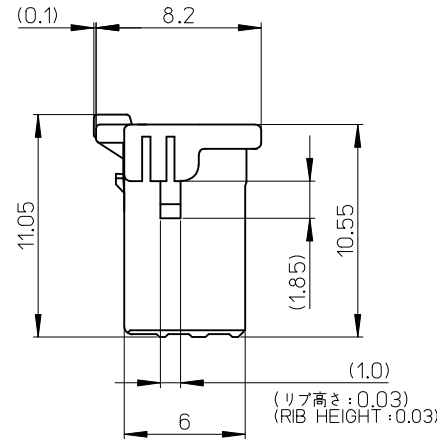
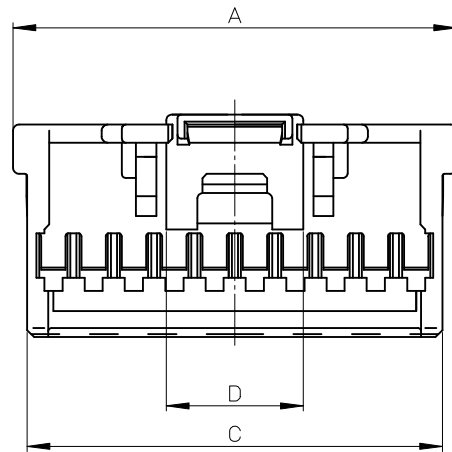
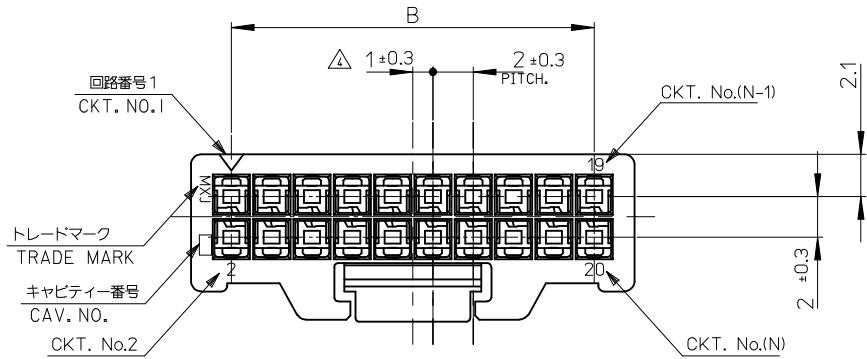
501646-**0*

極数 CIRCUIT SIZE

色 COLOR

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

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



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
D	C	B	A	△ MATERIAL NO.	CKT.

REVISED EC NO: J2017-0032 DRWN: AIDA CHKD: SAKIYAMA APPR: KANEKO	DESCRIPTION 2016/07/01 2016/07/01 2016/07/12	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
		0.25 UNDER	UNDER	± 0.03	DRAWN BY	DATE	TITLE IGRID 2.0MM W/B DUAL RCPT HSG								
		0.25 OVER	0.5 UNDER	± 0.05	N. ITO	'05/07/04									
		0.5 OVER	1.0 UNDER	± 0.1	CHECKED BY	DATE	DOCUMENT NO. SD-501646-001								
		1.0 OVER	10 UNDER	± 0.2	ASAKAWA	'05/07/04									
		10 OVER	30 UNDER	± 0.25	APPROVED BY	DATE	SHEET NO. 1 OF 1								
		30 OVER		± 0.3	ICHIKAWA	'05/07/04									
		ANGULAR ±3 °			MATERIAL NO. 501646-***0*		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3										

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