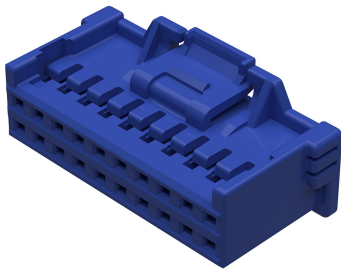




产品编号：[5016462804](#)
Product Description：2.00mm Pitch, iGrid
Receptacle Crimp Housing, Dual Row,
Positive Lock, 28 Circuits, Blue
系列号：501646
状态：Active
Product Category：Connector Housings



文件和资源

图纸

[图纸 5016462804_sd.pdf](#)

3D 模型和设计文件

[3D模型 5016462804_stp.zip](#)

规格

- [应用规格 5016460000-A00.pdf](#)
- [应用规格 5016460000-A01.pdf](#)
- [包装规格 5016469200-200.pdf](#)
- [产品规格 5016460000-PS-000.pdf](#)
- [产品规格 5016461000-PS-000.pdf](#)
- [产品规格 5016461001-PS-001.pdf](#)
- [产品规格 PS-501646-001-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[多部分产品合规性声明](#)

- Eu RoHS
- REACH SVHC

- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Connector Housings
系列	501646
说明	2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 28 Circuits, Blue
应用	Signal, Wire-to-Board
产品系列	iGrid Wire-to-Board Dual-Row System
产品名称	iGrid
UPC	822350100953

机构

CSA	LR19980
UL	E29179

电气

每触点最大电流	2.0A
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物理

电路数（最多）	28
颜色-树脂	蓝色
阻燃性	94V-0
性别	Receptacle
符合灼热丝规范	否

插接极性	无
锁定插接部位	是
材料 - 树脂	Nylon
净重	810.000/mg
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	2.00mm
间距 - 终端界面	2.00mm
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +105° C

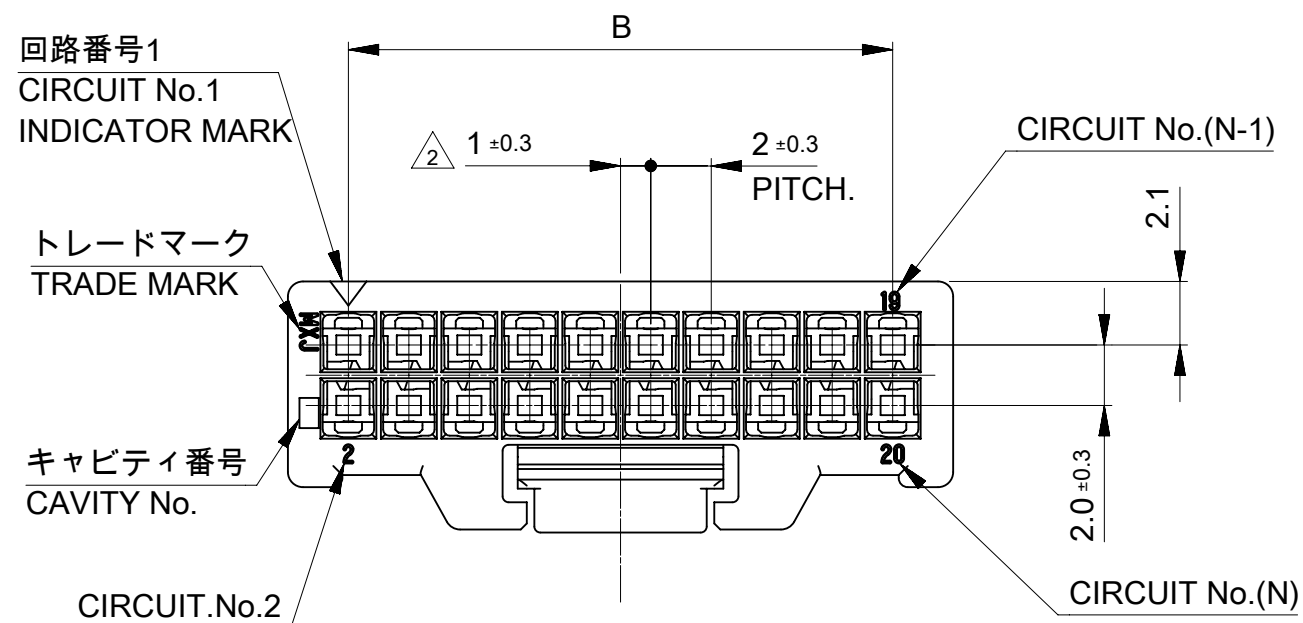
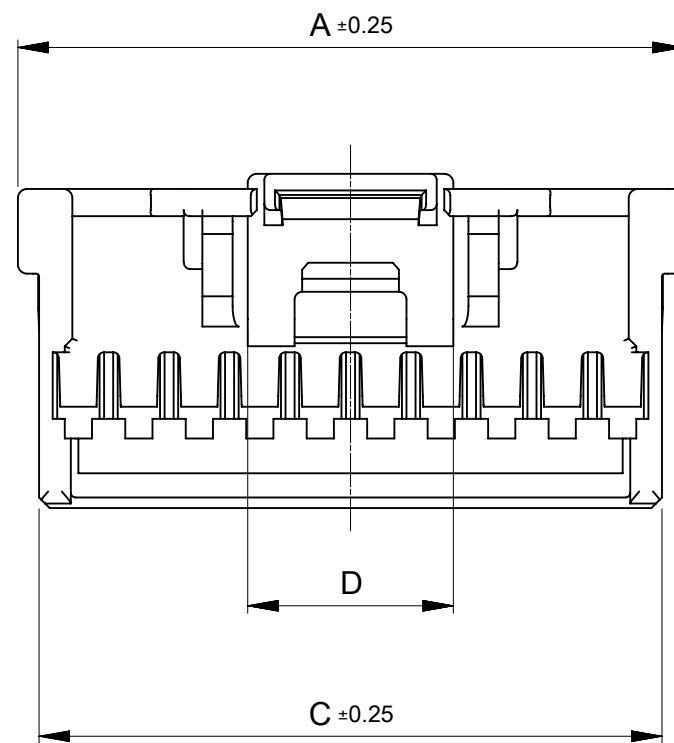
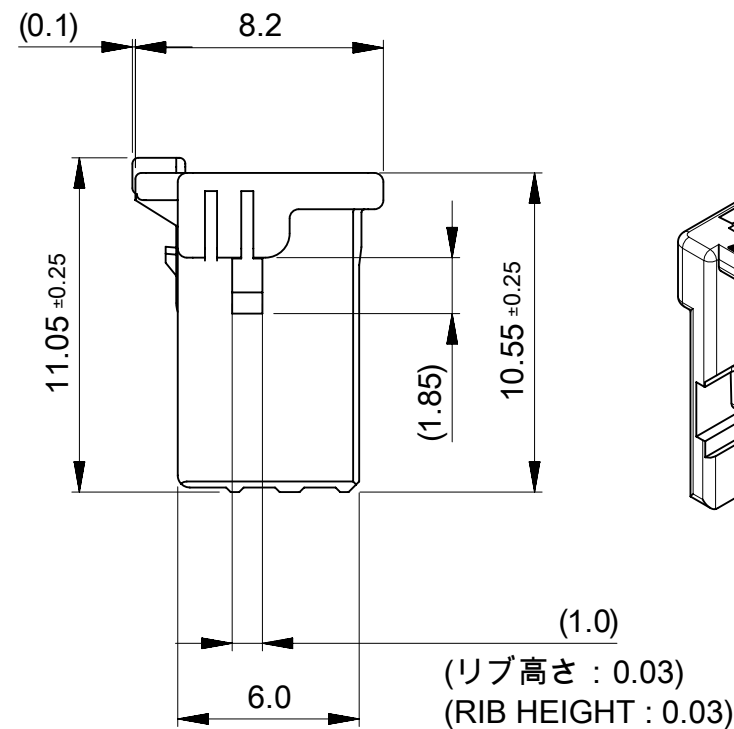
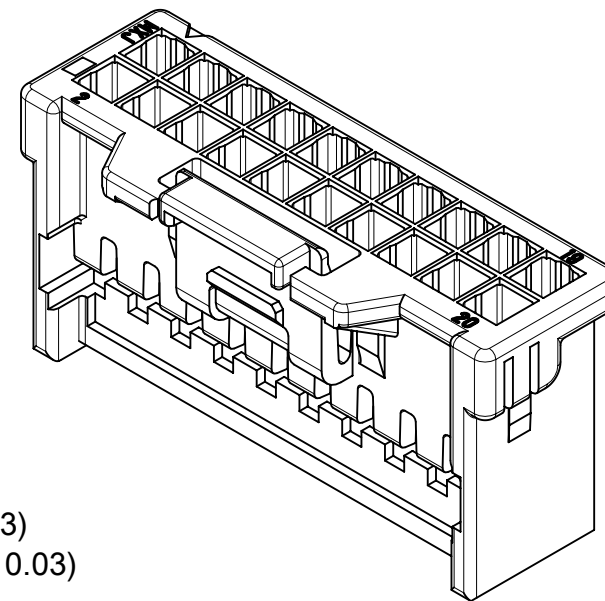
可配插/可连接使用的产品

可配插部件

描述	产品编号
iGrid Vertical, Dual Row, Through Hole Headers	<u>501645</u>
iGrid Vertical, Dual Row, Through Hole Headers	<u>503091</u>
iGrid Right-Angle, Dual Row, Through Hole Headers	<u>501876</u>
iGrid Right-Angle, Dual Row, Through Hole Headers	<u>208659</u>

可连接使用部件

描述	产品编号
iGrid Female Crimp Terminals	<u>501647</u>
iGrid Female Crimp Terminals	<u>501648</u>
iGrid Female Crimp Terminals	<u>503095</u>



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 NATURAL
	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

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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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				<div>molex</div>									
mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)								IGRID 2.0 WIRE TO BOARD RCEPTACLE HOUSING									
ANGULAR TOL ± 3.0°																	
4 PLACES		± 0.2															
3 PLACES		± 0.2		CHK'D: KOMURAKAMI 2022/07/20				PRODUCT CUSTOMER DRAWING									
2 PLACES		± 0.2		APPR: SAKIYAMA 2022/07/20													
INITIAL REVISION:				DOCUMENT NUMBER <div>5016460000-SD</div>				DOC TYPE		DOC PART		REVISION					
1 PLACE		± 0.2						5016460000-SD				PSD		000		A	
0 PLACES		± 0.2															
APPR: SAKIYAMA 2022/07/20																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 501646		MATERIAL NUMBER SEE SHEET 2		CUSTOMER GENERAL		SHEET NUMBER 1 OF 2			

10	9	8	7	6	5	4	3	2	1										
製品一覧 PRODUCT LIST				緑: GREEN		青: BLUE		赤: RED		黒 : BLACK		ナチュラル NATURAL		HOUSING COLOR					
各極数毎の製品形状 PRODUCT SHAPE AT EACH CIRCUIT				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						
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															
14 ~ 40極形状 VIEW OF 14 ~ 40 CIRCUIT				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		SEE TABLE		GENERAL		5016460000-SD		PSD		000		A					
SHEET NUMBER		2 OF 2																	
DOCUMENT STATUS		P1		RELEASE DATE		2022/07/20		10:35:52											
9		8		7		6		5		4		3		2		1			
10		9		8		7		6		5		4		3		2		1	