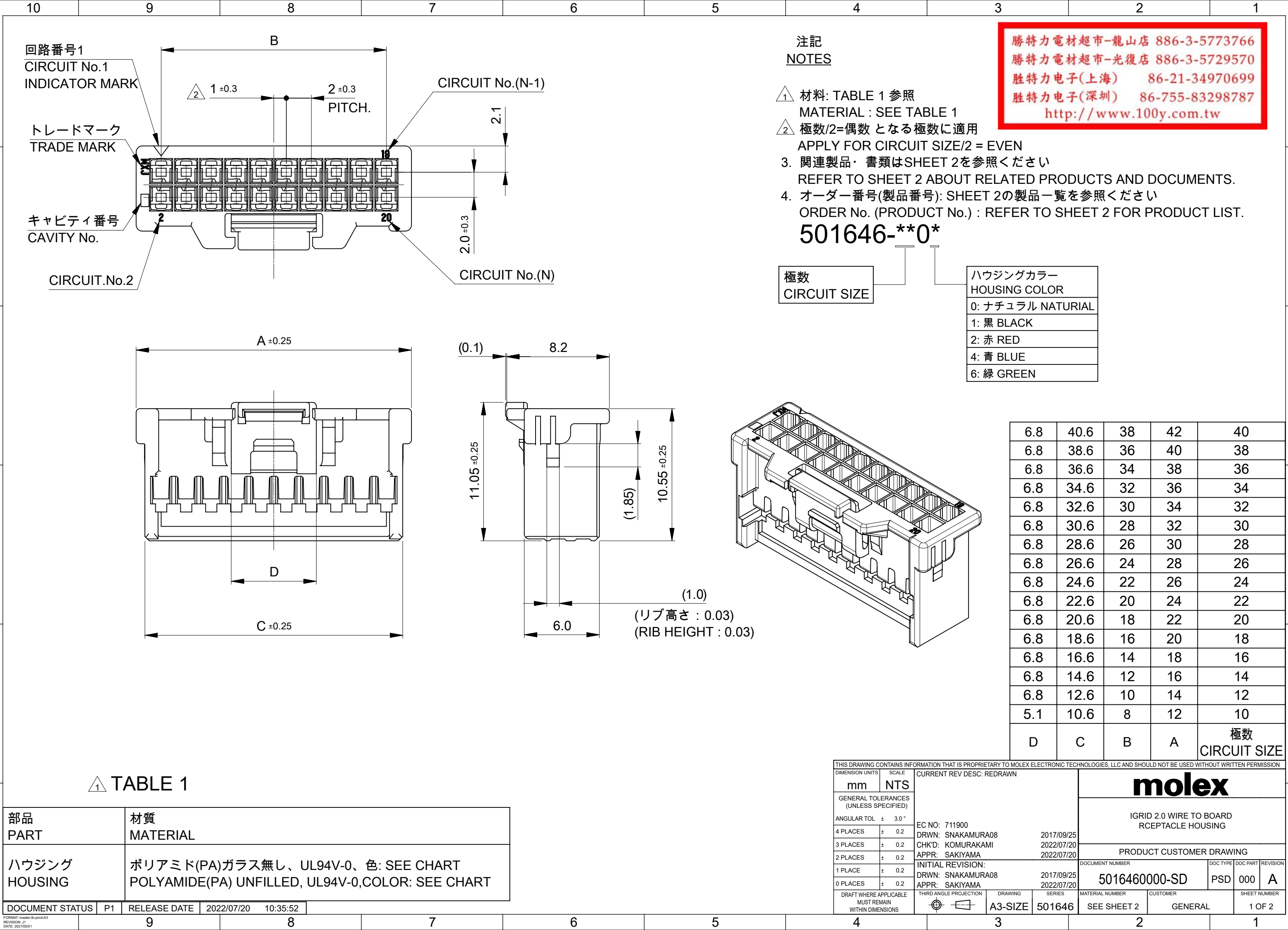




1 TABLE 1

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

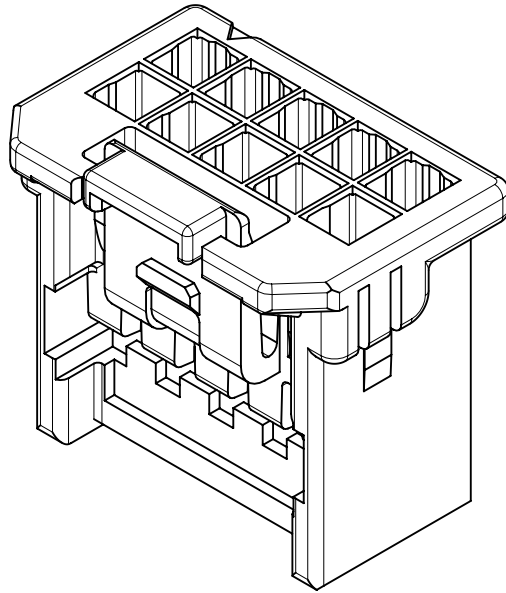
DOCUMENT STATUS	P1	RELEASE DATE	2022/07/20	10:35:52
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: 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		EC NO: 711900			PRODUCT CUSTOMER DRAWING					
3 PLACES		± 0.2		DRWN: SNAKAMURA08 2017/09/25								
2 PLACES		± 0.2		CHK'D: KOMURAKAMI 2022/07/20								
1 PLACE		± 0.2		APPR: SAKIYAMA 2022/07/20			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
0 PLACES		± 0.2		INITIAL REVISION:			5016460000-SD			PSD	000	A
DRWN: SNAKAMURA08 2017/09/25				APPR: SAKIYAMA 2022/07/20			MATERIAL NUMBER			CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE SHEET 2		GENERAL		1 OF 2
						A3-SIZE	501646					

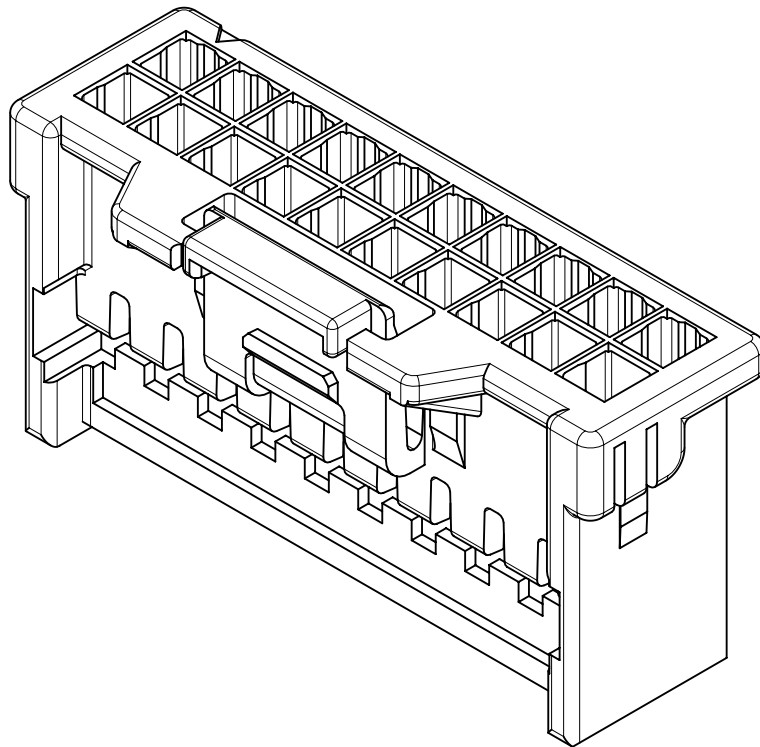
製品一覽

PRODUCT LIST

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

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

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

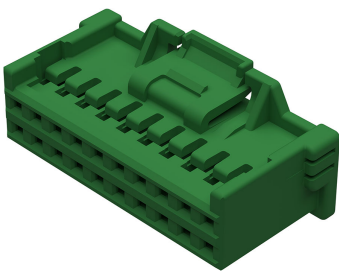
適合嵌合相手 MATE WITH	TIN PLATING		GOLD PLATING	
	VERTICAL	RIGHT ANGLE	VERTICAL	RIGHT ANGLE
シリーズ番号 SERIES No.	501645	501876	503091	208659
製品仕様書 PRODUCT SPECIFICATION	PS-501646-001		5016460000-PS 000	
アプリケーション仕様書 APPLICATION SPECIFICATION	5016460000 PS A01			

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DIMENSION UNITS		SCALE		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						PRODUCT CUSTOMER DRAWING				
2 PLACES		± 0.2										
1 PLACE		± 0.2		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION		
0 PLACES		± 0.2		5016460000-SD				PSD	000	A		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				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
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产品编号 : 5016463006
Product Description : 2.00mm Pitch, iGrid
Receptacle Crimp Housing, Dual Row,
Positive Lock, 30 Circuits, Green
系列号 : 501646
状态 : New Business Not Supported
Product Category : Connector Housings



文件和资源

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	New Business Not Supported
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类别	Connector Housings
系列	501646
说明	2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 30 Circuits, Green
应用	Signal, Wire-to-Board
产品系列	iGrid Wire-to-Board Dual-Row System
产品名称	iGrid
UPC	822350101288

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）	30
颜色-树脂	绿色
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	860.000/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

This document was generated on Dec 11, 2023