

产品编号 : [511641405](#)

Product Description : 2.50mm Pitch, Mini-Lock Terminal Position Assurance (TPA) Retainer, 14 Circuits

系列号 : 51164

状态 : Active

Product Category : Connector Accessories



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## 文件和资源

### 图纸

[图纸 511641405\\_sd.pdf](#)

### 3D 模型和设计文件

[2D 图纸 DXF 511641405.dxf](#)

[2D 图纸 DXF PDF 511641405.pdf](#)

[3D模型 511641405\\_stp.zip](#)

### 规格

[包装规格 511649200-SPK-200.pdf](#)


[产品规格 511630000-PS-000.pdf](#)

[产品规格 511631000-PS-000.pdf](#)

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## 产物环境合规

### 合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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

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## 产品详情

### 常规

状态	活动
类别	Connector Accessories
系列	51164
说明	2.50mm Pitch, Mini-Lock Terminal Position Assurance (TPA) Retainer, 14 Circuits
个评论	GWT performed on end product as per IEC 60695-2-11
元件类型	Terminal Position Assurance
产品系列	Mini-Lock Wire-to-Board Connector System
产品名称	Mini-Lock
UPC	800753327641

### 机构

CSA	LR19980
UL	E29179

### 物理

回路数 (已载入)	14
电路数 (最多)	14
颜色-树脂	灰色
阻燃性	94V-0
材料 - 树脂	Polyester
净重	372.500/mg
行数	1
包装形式	Bag

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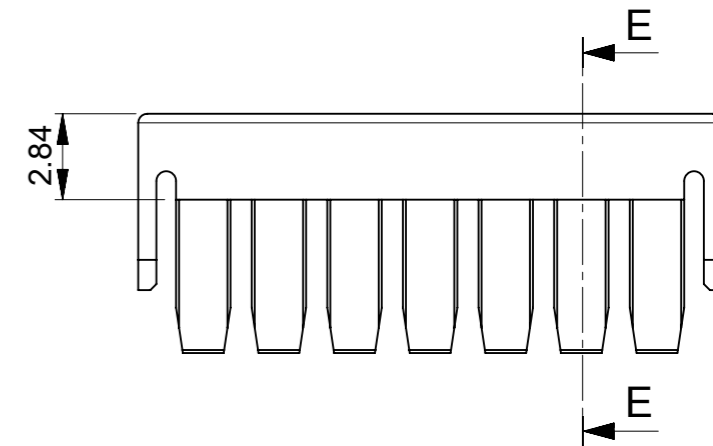
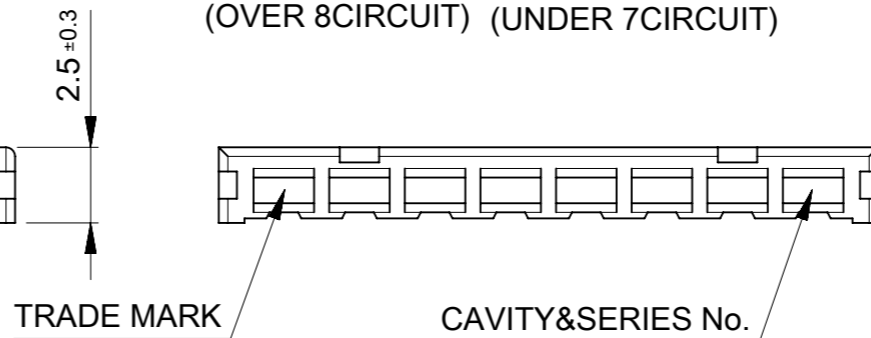
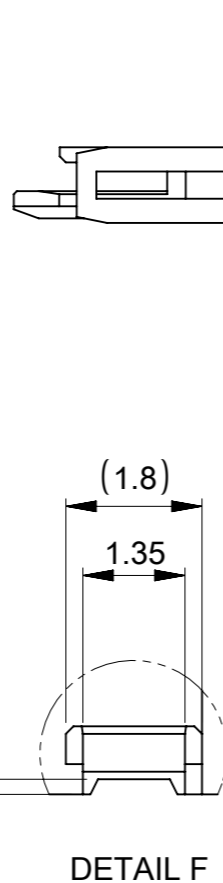
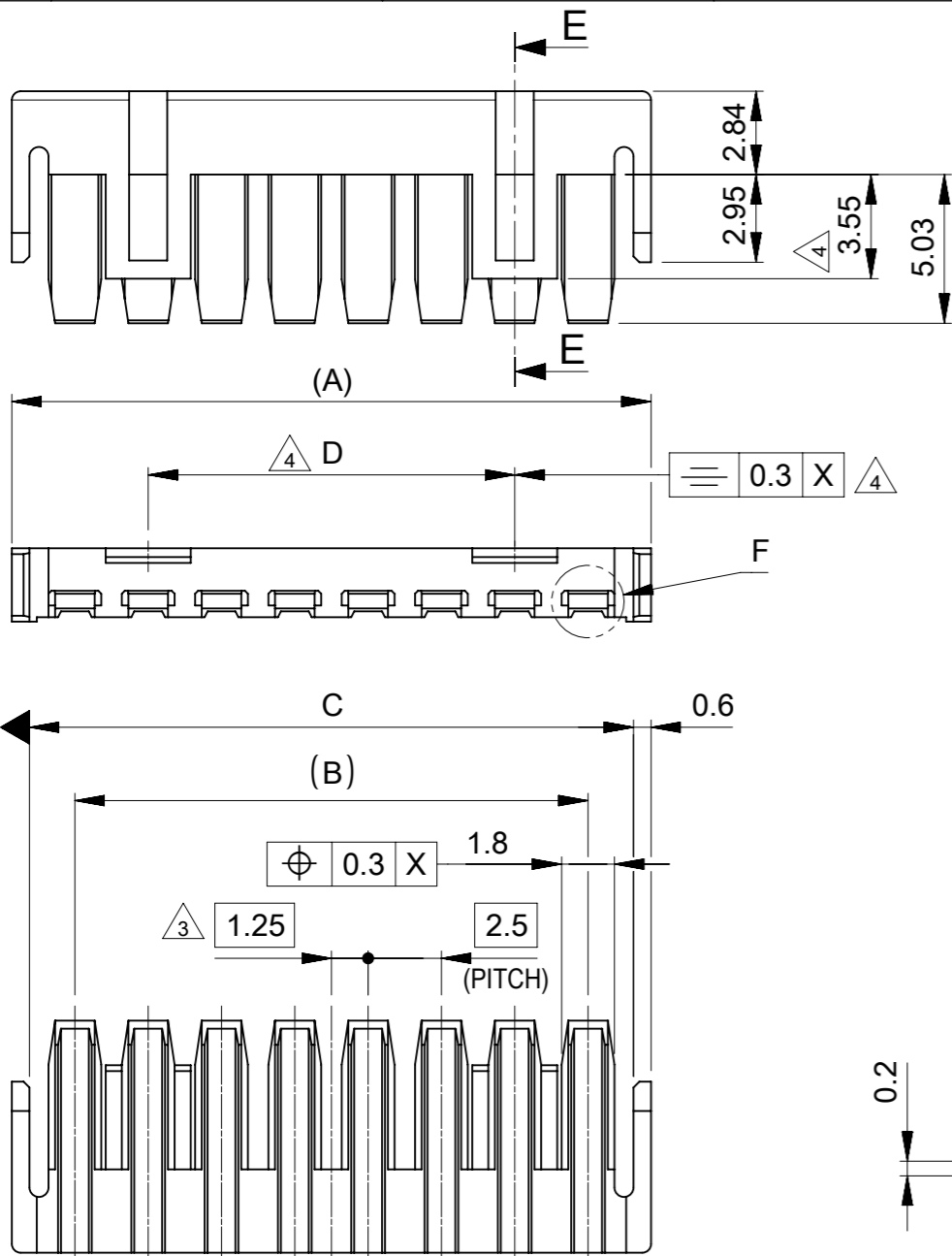
可连接使用部件

描述	产品编号
Mini-Lock Single Row Receptacle Housings	<u>51163</u>

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7極以下品形状  
SHAPE OF UNDER 7CIRCUIT

12.5	38.1	35	39.3	511641505	15
12.5	35.6	32.5	36.8	511641405	14
12.5	33.1	30	34.3	511641305	13
12.5	30.6	27.5	31.8	511641205	12
12.5	28.1	25	29.3	511641105	11
12.5	25.6	22.5	26.8	511641005	10
12.5	23.1	20	24.3	511640905	9
12.5	20.6	17.5	21.8	511640805	8
-	18.1	15	19.3	511640705	7
-	15.6	12.5	16.8	511640605	6
-	13.1	10	14.3	511640505	5
-	10.6	7.5	11.8	511640405	4
-	8.1	5	9.3	511640305	3
-	5.6	2.5	6.8	511640205	2
D	C	(B)	(A)	発注番号 ORDER No.	極数 CIRCUIT SIZE

NOTE

- ① 材料：TABLE1参照  
MATERIAL:SEE TABLE1
- ② 適合ハウジング,嵌合相手,関連ドキュメントについてはSHEET 2 を御参照下さい。  
PLEASE REFER TO SHEET 2 FOR APPLICABLE HOUSING, MATING PARTNER AND RELATED DOCUMENTS.
- ③ 偶数極に適合。  
APPLY FOR EVEN CIRCUIT.
- ④ 8~15極品に適合  
APPLY 8~15 CIRCUIT PRODUCTS.

① TABLE1

部品 PART	材質 MATERIAL
リテーナー RETAINER	ポリエステル(PBT):ガラス含有, UL94V-0, 色:グレー POLYESTER(PBT):GLASS-FILED, UL94V-0, COLOR:GRAY

DOCUMENT STATUS	P1	RELEASE DATE	2022/11/17	11:19:05
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>	
DIMENSION UNITS	SCALE				
mm	NTS			MINI-LOCK 2.5 SINGLE ROW RETAINER	
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 3.0 °			DOCUMENT NUMBER	
4 PLACES	± 0.2	EC NO: 728459		511640000-SD	
3 PLACES	± 0.2	DRWN: RWATANABE01		DOC TYPE	
2 PLACES	± 0.2	CHK'D: AIDA		PSD	
1 PLACE	± 0.2	APPR: SAKIYAMA		DOC PART	
0 PLACES	± 0.2	INITIAL REVISION:		000	
		DRWN: RWATANABE01		B	
		APPR: SAKIYAMA			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	51164	CUSTOMER
				GENERAL	
				SHEET NUMBER	
				1 OF 2	

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

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER	SPECIFICATION NUMBER
	51164**05	511649200-SPK PS 200

適合端子 APPLICABLE TERMINAL	PART NUMBER	PLATING TYPE	WIRE SIZE(AWG)
	507528200	TIN	#20-#22
	507528400	TIN	#24-#26

適合ハウジング APPLICABLE HOUSING	51163		
シリーズ番号 SERIES No.			
適合嵌合相手 MATE WITH	THROUGH HOLE		
	VERTICAL	VERTICAL (FOR POTTING)	RIGHT ANGLE
	TIN PLATING		TIN PLATING
シリーズ番号 SERIES No.	53375	53517	53426
製品仕様書 PRODUCT SPECIFICATION	511630000-PS PS 000		
取扱説明書 APPLICATION SPECIFICATION	2166940000-AS PS 000		

製品嵌合図は各"適合嵌合相手"図面参照のこと  
 MATING VIEW : REFER TO EACH "MATE WITH" PART DRAWING.

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DIMENSION UNITS	SCALE	CURRENT REV DESC:			<b>molex</b>				
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 728459			MINI-LOCK 2.5 SINGLE ROW RETAINER				
ANGULAR TOL ± 3.0 °		DRWN: RWATANABE01 2022/11/15							
4 PLACES ± 0.2	CHK'D: AIDA 2022/11/17			PRODUCT CUSTOMER DRAWING					
3 PLACES ± 0.2	APPR: SAKIYAMA 2022/11/17								
2 PLACES ± 0.2	INITIAL REVISION:			DOCUMENT NUMBER					
1 PLACE ± 0.2	DRWN: RWATANABE01 2019/04/22								
0 PLACES ± 0.2	APPR: SAKIYAMA 2020/09/28			511640000-SD					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING						SERIES
			A3-SIZE	51164		GENERAL	PSD	000	B
DOCUMENT STATUS		P1	RELEASE DATE	2022/11/17 11:19:05	SHEET NUMBER				
					2 OF 2				