



产品编号 : [511101260](#)

Product Description : 2.00mm Pitch, Milli-Grid Receptacle Housing, 12 Circuits, without Center Polarization Key, with Locking Ramp, Lead-Free

系列号 : 51110

状态 : Active

Product Category : Connector Housings



文件和资源

图纸

[图纸 511101260_sd.pdf](#)

[包装设计图 PK-51110-300-001.pdf](#)

3D 模型和设计文件

[3D模型 511101260_stp.zip](#)


规格

[应用规格 503940001-AS-000.pdf](#)

[产品规格 PS-51110-001-001.pdf](#)

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)8585-DC (23 Jan 2024) |
| 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 | 51110 |
| 说明 | 2.00mm Pitch, Milli-Grid Receptacle Housing, 12 Circuits, without Center Polarization Key, with Locking Ramp, Lead-Free |
| 应用 | Signal, Wire-to-Board |
| 个评论 | Applicable Wire Ranges: 24-30 AWG (series 50394 terminal) and 22-28 AWG (series 87396 terminal) |
| 产品系列 | Milli-Grid Connector System |
| 产品名称 | Milli-Grid |
| UPC | 800753758544 |

机构

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

物理

| | |
|----------|------------|
| 电路数 (最多) | 12 |
| 颜色-树脂 | 黑色 |
| 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 | Polyester |

| | |
|-----------|-----------------|
| 净重 | 0.240/g |
| 行数 | 2 |
| 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 |
|---|---------------|
| Milli-Grid Vertical Through Hole Headers | <u>87758</u> |
| Milli-Grid Vertical Surface Mount Headers | <u>87759</u> |
| Milli-Grid Right-Angle Through Hole Headers | <u>87760</u> |
| Milli-Grid Vertical, Dual Row, Through Hole Headers | <u>87831</u> |
| Milli-Grid Vertical, Dual Row, Surface Mount Headers | <u>87832</u> |
| Milli-Grid BMI Vertical, Dual Row, Through Hole Headers | <u>151013</u> |
| Milli-Grid Vertical, Dual Row, Through Hole Headers | <u>151117</u> |
| Milli-Grid Vertical, Dual Row, Surface Mount Headers | <u>151118</u> |
| Milli-Grid Right-Angle, Dual Row, Through Hole Headers | <u>151119</u> |
| Milli-Grid Right-Angle, Dual Row, Surface Mount Headers | <u>151120</u> |

可连接使用部件

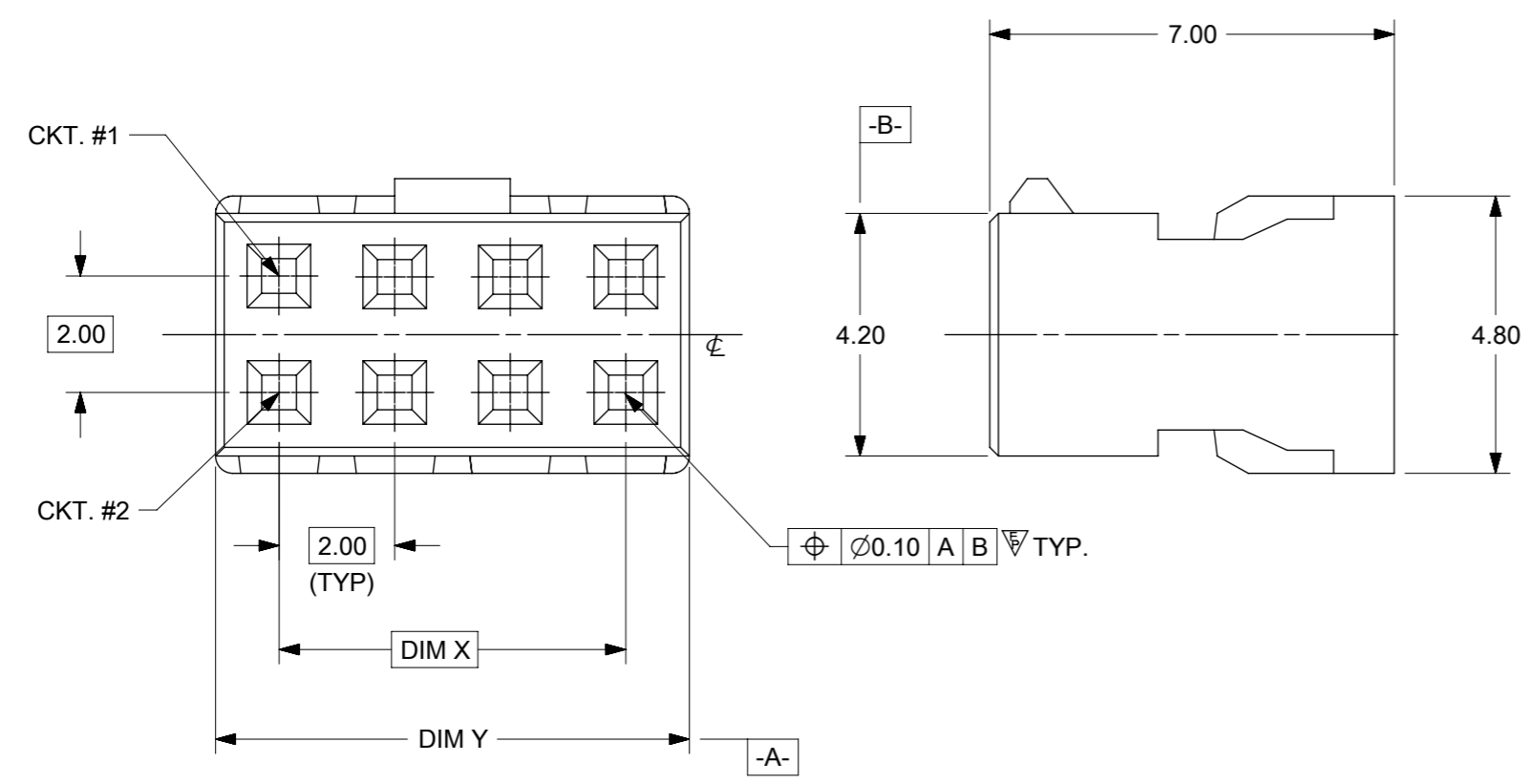
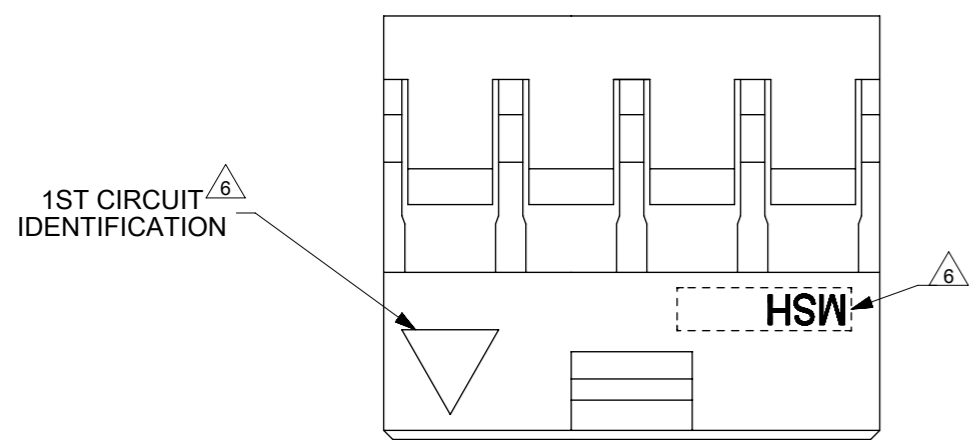
| 描述 | 产品编号 |
|--|--|
| Pre-Crimped Lead Milli-Grid Female-to-Milli-Grid Female, Gold (Au) Plating, 150.00mm Length, 24 AWG, Black | <u>/content/molex/molex-dot-com/cn/zh/products/product-page.html/797581095.html</u> |

| | |
|--|---|
| Pre-Crimped Lead Milli-Grid Female-to-Milli-Grid Female, Gold (Au) Plating, 300.00mm Length, 24 AWG, Black | /content/molex/molex-dot-com/cn/zh/products/product-page.html/797581096.html |
| Milli-Grid Female Crimp Terminals | <u>50394</u> |
| Milli-Grid Female Crimp Terminals | <u>87396</u> |

施工工具

全局

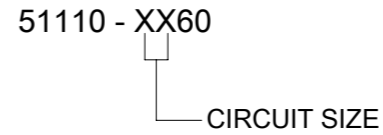
| 描述 | 产品编号 |
|--|------------------|
| Extractor Tool for Milli-Grid 2.0 Housings | <u>638242800</u> |



PART NUMBERS WITHOUT VOID CIRCUIT OPTION

| PART NUMBER | CKT SIZE | DIM X | DIM Y |
|-------------|----------|-------|-------|
| 51110-0460 | 4 | 2.00 | 4.20 |
| 51110-0660 | 6 | 4.00 | 6.20 |
| 51110-0860 | 8 | 6.00 | 8.20 |
| 51110-1060 | 10 | 8.00 | 10.20 |
| 51110-1260 | 12 | 10.00 | 12.20 |

LEGENDRAY FOR WITH OUT VOIDED CKT



PART NUMBERS WITH VOID CIRCUIT OPTION

| VOIDED CKT | PART NUMBER | CKT SIZE | DIM X | DIM Y |
|------------|-------------|----------|-------|-------|
| 51110-1261 | 51110-0460 | 4 | 2.00 | 4.20 |

NOTES :

1. MATERIAL : GLASS FILLED POLYESTER UL RATED 94V-0, COLOUR BLACK.
2. FOR ILLUSTRATION PURPOSES, 8CKT SIZE HOUSING IS AS SHOWN.
3. PARTS TO BE USED WITH CRIMP TERMINAL PART NUMBER: 50394-8***.
4. APPLICABLE WIRE RANGE : AWG # 24 - #30"
5. WIRE INSULATION RANGE : DIAMETER 1.40mm MAXIMUM.

6. MSH LOGO, CAVITY ID AND 1ST CKT IDENTIFICATION TO BE LOCATED APPROXIMATELY AS SHOWN.

| | | | | | | | | | | | | |
|---|--|------------------------|--|---------------------------------------|--------|-----------------|----------|---------------------------------------|--------|----------------|----------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | |
| DIMENSION UNITS mm | | SCALE NTS | | CURRENT REV DESC: REDRAWN AND REVISED | | | | molex | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 608139 | | | | | | | | |
| | | | | DRWN: RMV02 2018/10/04 | | | | 2MM GRID,WTB CONN. CRIMP RECEPT. HSG. | | | | |
| | | | | CHK'D: GJEEVANSURES 2018/12/19 | | | | PRODUCT CUSTOMER DRAWING | | | | |
| | | | | APPR: ISHWARG 2018/12/20 | | | | DOCUMENT NUMBER | | | | |
| | | | | INITIAL REVISION: | | | | SD-51110-XX60 | | DOC TYPE | DOC PART | REVISION |
| | | | | DRWN: SEE 1995/05/22 | | | | PSD | | 001 | B | |
| | | | | APPR: | | | | SEE TABLE | | GENERAL MARKET | | SHEET NUMBER |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | | 1 OF 1 | | | |
| | | | | A3-SIZE | 51110 | | | | | | | |