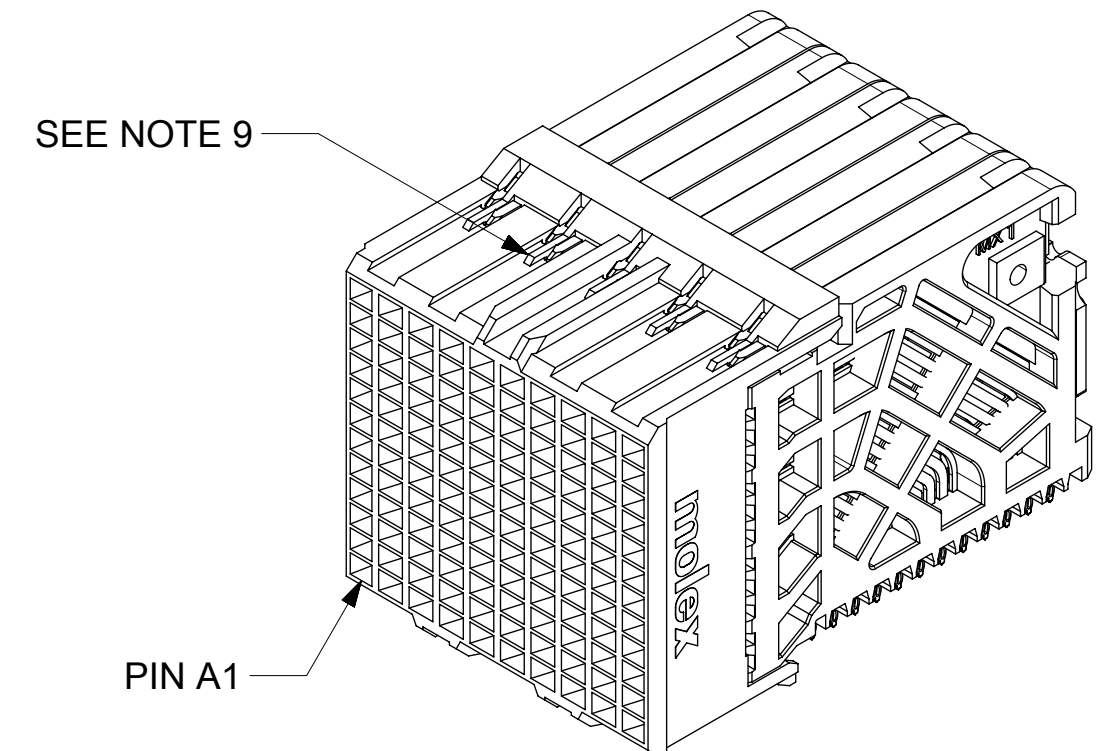
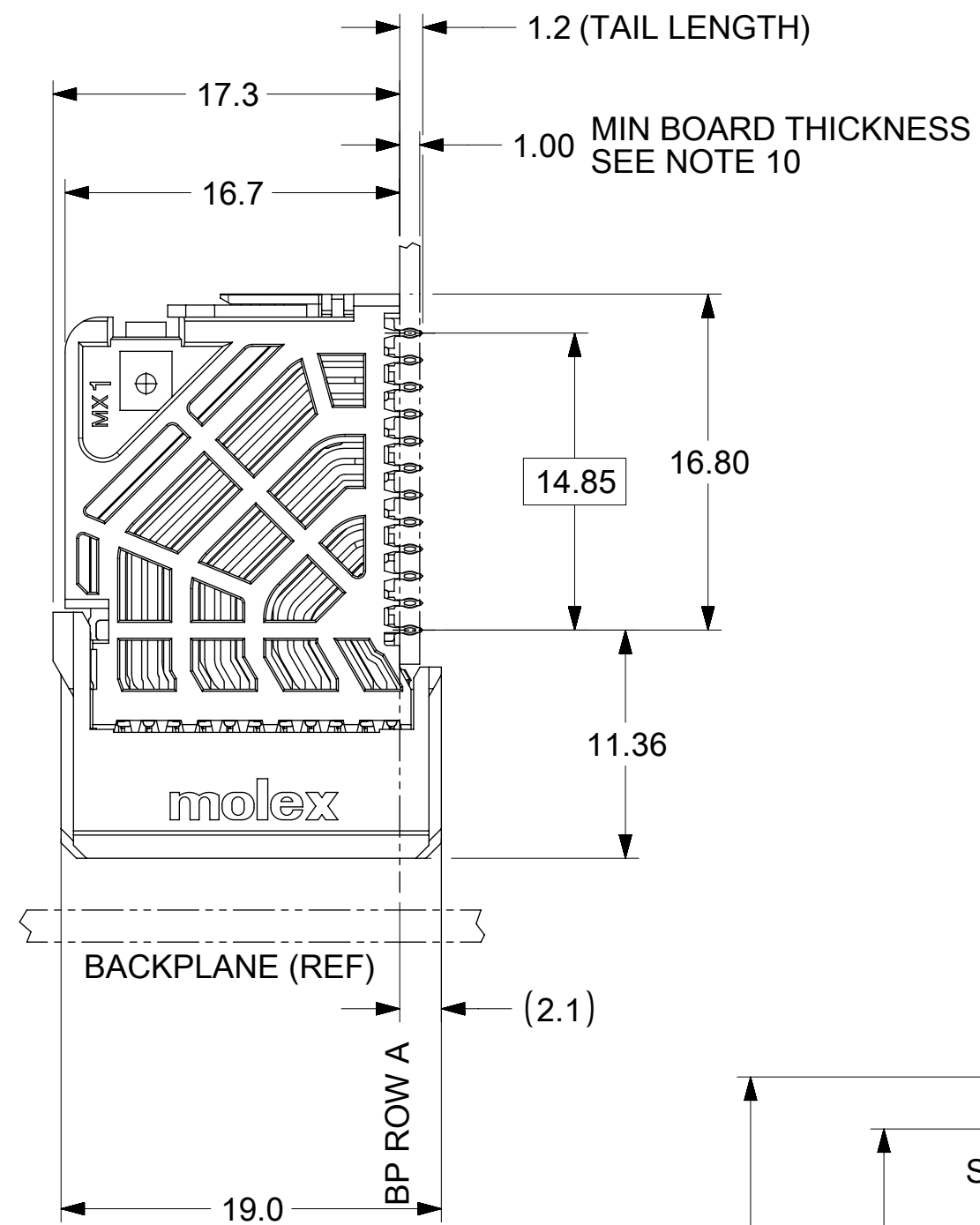
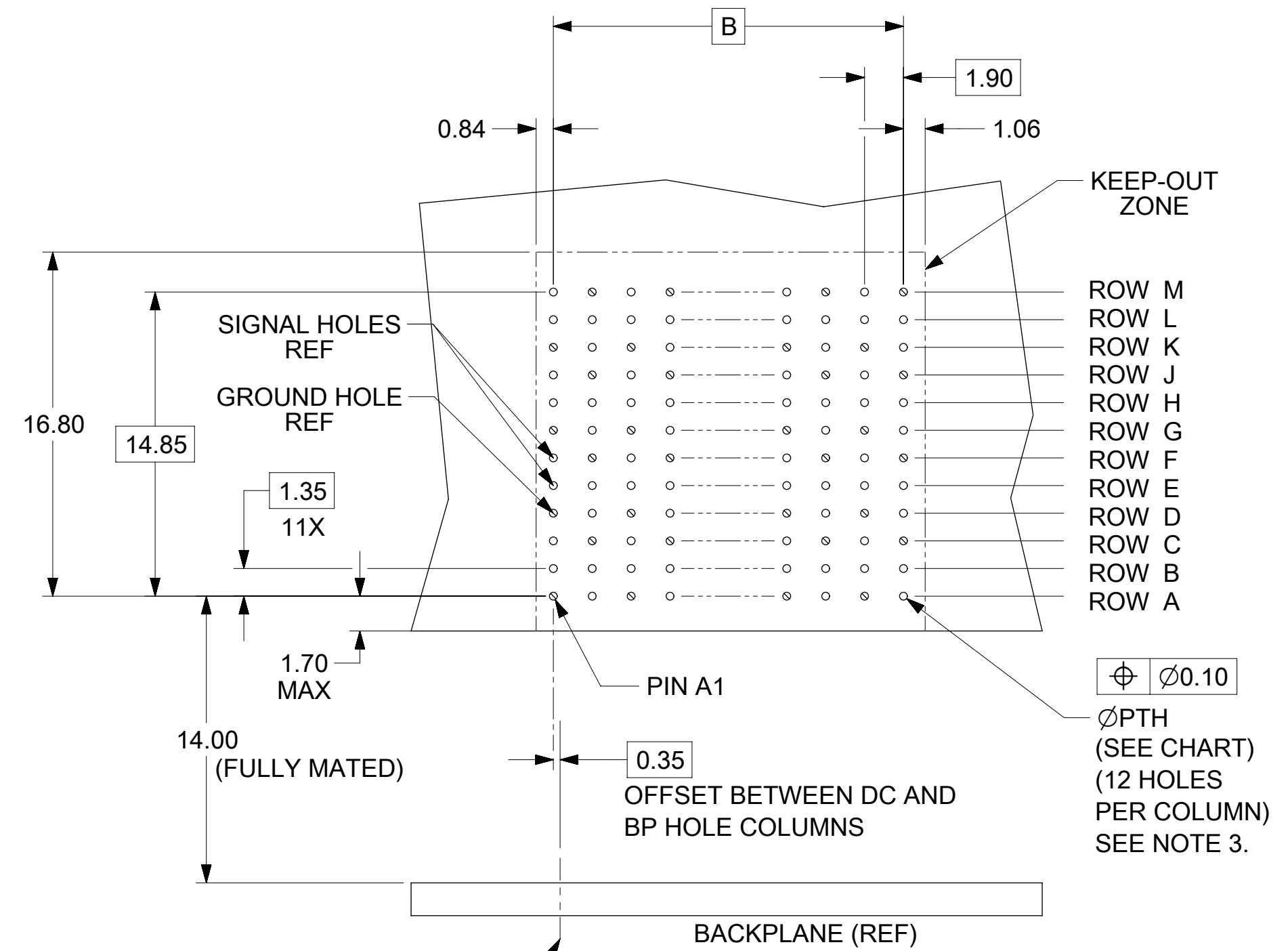


SEE NOTE 11



勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μIN MIN GOLD IN CONTACT AREA. SELECTIVE TIN
ON PCB TAILS. NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPEC PS-76060-999 FOR PERFORMANCE SPECIFICATIONS
AND ADDITIONAL PCB INFORMATION.
 4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 5. PRODUCT IS PACKAGED PER PK-70873-610.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-76155-001 FOR THE MATING HEADERS AND
SD-76500-001 FOR THE MATING RAM CONNECTORS.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
 9. PART NUMBER 76160-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
 10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
 11. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

| | | | | | | | | | |
|---|--|-------|--|---|--|-------------------------------|--|------------------------------|--|
| 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: MIGRATED TO NX | | | | | |
| mm | | NTS | | molex IMPACT 100 OHM DC 4 PAIR SIGNAL MODULE UNGUIDED SALES DRAWING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-76160-001 DOC TYPE: PSD DOC PART: 001 REVISION: G3 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2 | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL ± 0.5° | | | | | | | | | |
| 4 PLACES ± | | | | | | | | | |
| 3 PLACES ± | | | | | | | | | |
| 2 PLACES ± 0.13 | | | | | | | | | |
| 1 PLACE ± 0.25 | | | | | | | | | |
| 0 PLACES ± | | | | EC NO: 622030 | | DRWN: SKRISHNAMU01 2019/07/29 | | CHK'D: PRAMASWAMY 2019/08/07 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | APPR: SHONG 2019/08/08 | | INITIAL REVISION: | | APPR: JLAURX 2006/12/14 | |
| THIRD ANGLE PROJECTION | | | | DRAWING: C-SIZE | | SERIES: 76160 | | APPR: JLAURX 2007/07/11 | |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH ϕ |
|-----------------|--------------|----------------|-------------|---------|--------------------|
| 76160-*006 | 6 | 24 | 11.40 | 9.50 | 0.46 ± 0.05 |
| 76160-*008 | 8 | 32 | 15.20 | 13.30 | |
| 76160-*010 | 10 | 40 | 19.00 | 17.10 | |
| 76160-*016 | 16 | 64 | 30.40 | 28.50 | |
| 76160-*036 | 6 | 24 | 11.40 | 9.50 | 0.39 ± 0.05 |
| 76160-*038 | 8 | 32 | 15.20 | 13.30 | |
| 76160-*020 | 10 | 40 | 19.00 | 17.10 | |
| 76160-*026 | 16 | 64 | 30.40 | 28.50 | |

76160-*0**

1 = OPEN LEAD-FREE

OF COLUMNS
 06 = 6 COL 0.46 PTH
 08 = 8 COL 0.46 PTH
 10 = 10 COL 0.46 PTH
 16 = 16 COL 0.46 PTH
 20 = 10 COL 0.39 PTH
 26 = 16 COL 0.39 PTH
 38 = 8 COL 0.39 PTH
 36 = 6 COL 0.39 PTH

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: MIGRATED TO NX | | molex | | | |
| mm | NTS | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | EC NO: 622030 | | IMPACT 100 OHM DC 4 PAIR SIGNAL MODULE UNGUIDED SALES DRAWING | | | |
| ANGULAR TOL | $\pm 0.5^\circ$ | DRWN: SKRISHNAMU01 | 2019/07/29 | | | | |
| 4 PLACES | \pm | CHK'D: PRAMASWAMY | 2019/08/07 | PRODUCT CUSTOMER DRAWING | | | |
| 3 PLACES | \pm | APPR: SHONG | 2019/08/08 | | | | |
| 2 PLACES | ± 0.13 | INITIAL REVISION: | | DOCUMENT NUMBER SD-76160-001 | | | |
| 1 PLACE | ± 0.25 | DRWN: JLAURX | 2006/12/14 | | | | |
| 0 PLACES | \pm | APPR: JLAURX | 2007/07/11 | DOC TYPE | DOC PART | REVISION | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
| | | | C-SIZE | 76160 | SEE CHART | GENERAL MARKET | 2 OF 2 |

| | | | |
|-----------------|----|--------------|---------------------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/08/08 22:00:43 |
|-----------------|----|--------------|---------------------|



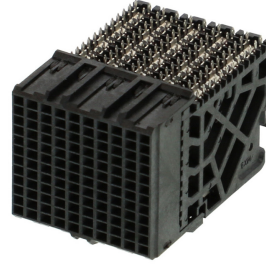
产品编号：[761601020](#)

Product Description：Impact 100 Ohm 4 Pair Right-Angle Daughtercard Receptacle, Unguided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

系列号：76160

状态：Active

Product Category：Backplane Connectors



文件和资源

图纸

[图纸 761601020_sd.pdf](#)

[包装设计图 PK-70873-610-001.pdf](#)

3D 模型和设计文件

[3D模型 761601020_stp.zip](#)

[电气模型文件 EE-76160-003-001.pdf](#)

[S参数 SP-76160-003-001.zip](#)

[符号足迹数据 SYM-76160-1020-001.zip](#)

规格

[应用规格 AS-76060-9999-001.pdf](#)

[产品规格 PS-45499-002-001.pdf](#)

[测试摘要 TS-76160-0001-001.pdf](#)

产物环境合规

合规

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| China RoHS | |
| 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 | Backplane Connectors |
| 系列 | 76160 |
| 说明 | Impact 100 Ohm 4 Pair Right-Angle Daughtercard Receptacle, Unguided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free |
| 应用 | Conventional, Coplanar, Daughtercard |
| 元件类型 | PCB Receptacle |
| 产品系列 | Impact Backplane Connector and Cable Assembly System |
| 产品名称 | Impact |
| UPC | 800756938066 |

机构

| | |
|----|--------|
| UL | E29179 |
|----|--------|

电气

| | |
|---------|-----------------|
| 每触点最大电流 | 0.75A |
| 数据传输率 | 25.0 Gbps |
| 阻抗 | 100 Ω |
| 屏蔽形式 | 不适用 |
| 屏蔽 | 否 |
| 电压 - 最大 | 30V AC (RMS)/DC |

物理

| | |
|------------------|--------------------------------|
| 回路数 (已载入) | 120 |
| 电路数 (最多) | 120 |
| 颜色-树脂 | 黑色 |
| 耐用性(插拔次数) - 最多次数 | 200 |
| 先接后断 | 否 |
| 阻燃性 | 94V-0 |
| 可配插产品指南 | 否 |
| 插接极性 | 无 |
| 材料 - 金属 | High Performance Alloy (HPA) |
| 材料 - 接合部位电镀 | 金牌 |
| 材料 - 终端电镀 | Tin |
| 材料 - 树脂 | High Temperature Thermoplastic |
| 净重 | 11.676/g |
| 列数 | 10 |
| 线对数 | 4 |
| 行数 | 12 |
| 方向 | Right Angle |
| 包装形式 | Tray |
| PC 焊脚长度 | 1.20mm |
| PCB 定位器 | 否 |
| PCB 保持力 | 无 |
| 推荐的 PCB 厚度 | 1.00mm |
| 间距 - 插配接口 | 1.90mm |
| 间距 - 终端界面 | 1.90mm |
| 最薄镀层 - 接合部位 | 0.762 μ m |
| PCB 极性 | 否 |
| 可堆叠的 | 否 |
| 运行温度范围 | -55° to +85° C |
| 终端界面类型 | Through Hole - Compliant Pin |

进程

| | |
|----|-----|
| 无铅 | 不适用 |
|----|-----|

可配插/可连接使用的产品

可配插部件

| 描述 | 产品编号 |
|--|--------------|
| Impact 100 Ohm 4 Pair Vertical Backplane Headers | <u>76155</u> |
| Impact 100 Ohm 4 Pair RAM Right-Angle Headers | <u>76500</u> |

可连接使用部件

| 描述 | 产品编号 |
|-----------------------------|--------------|
| Wide Guide Modules and Pins | <u>76153</u> |
