



产品编号 : 761601036

Product Description : Impact 100 Ohm 4
Pair Right-Angle Daughtercard Receptacle,
Unguided, 6 Columns, 72 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 761601036_sd.pdf

包装设计图 PK-70873-610-001.pdf

3D 模型和设计文件

3D模型 761601036_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-76160-1036-001.zip

规格

应用规格 AS-76060-990-001.pdf


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)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

- 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, 6 Columns, 72 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	884982406933

机构

UL	E29179
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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)	72
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电路数 (最多)	72
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	6.733/g
列数	6
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	0.762µm
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
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可配插/可连接使用的产品

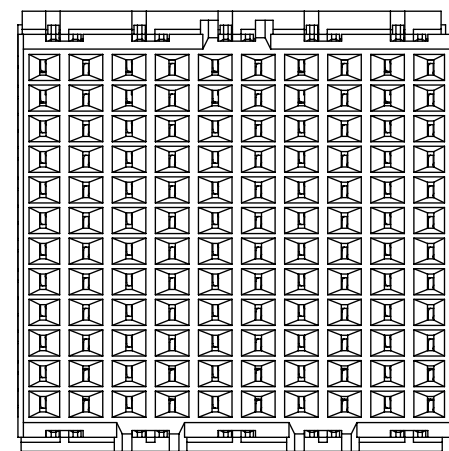
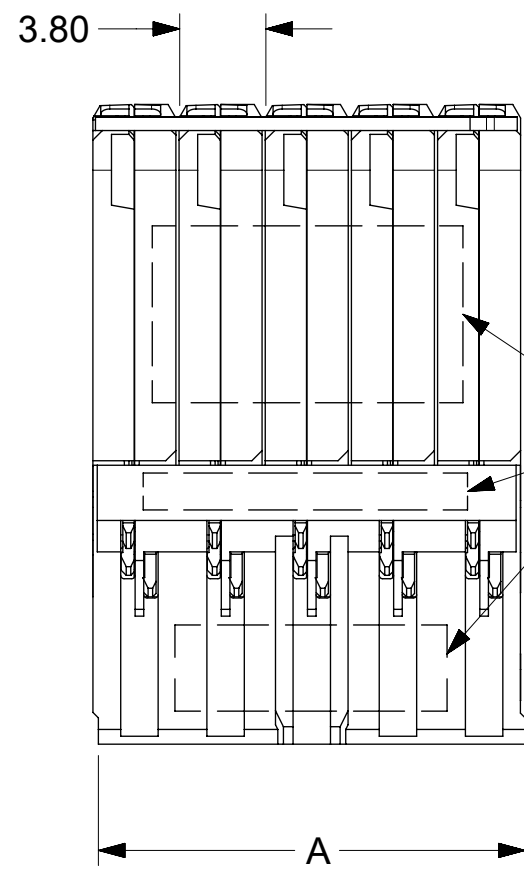
可配插部件

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>

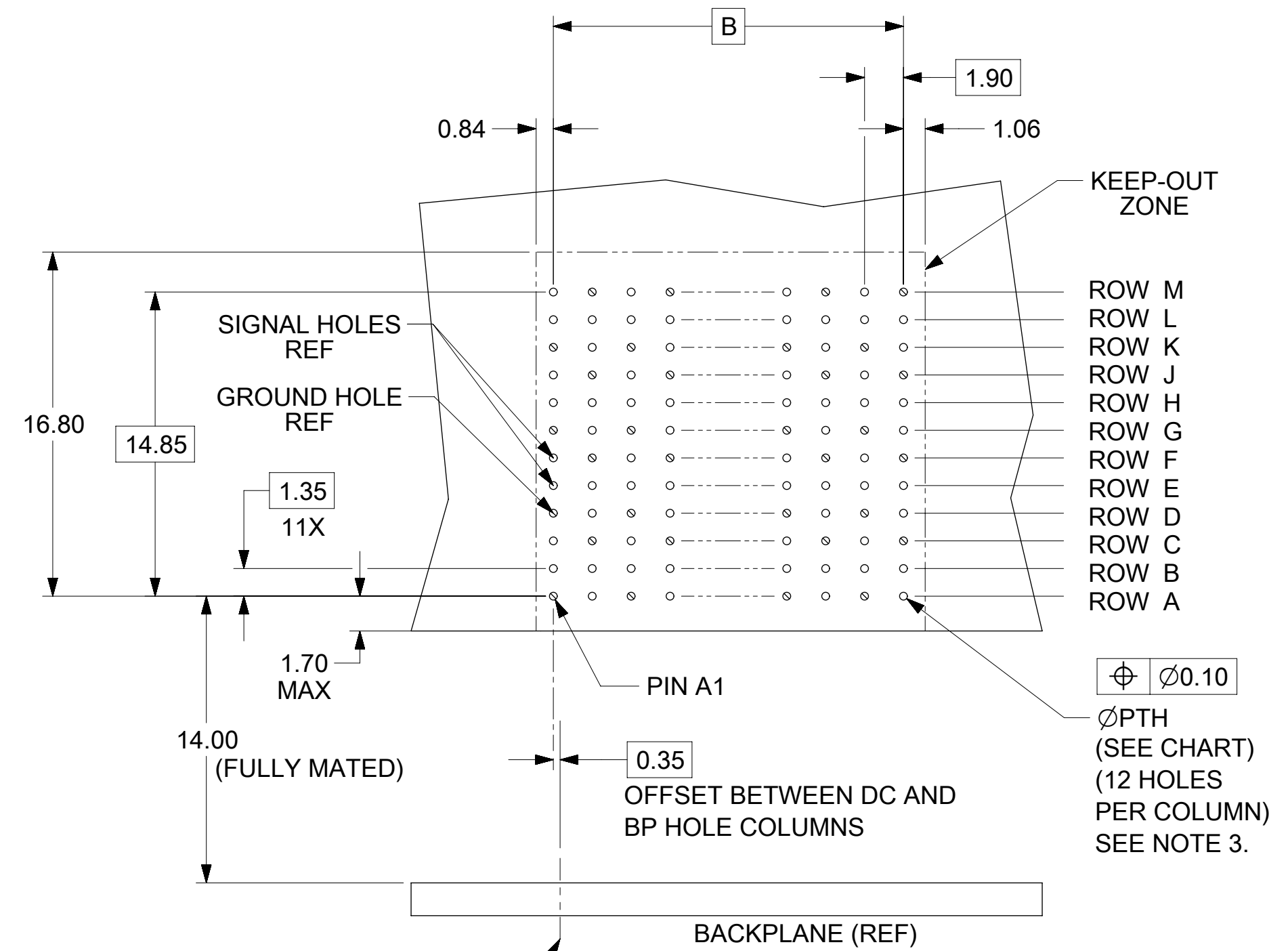
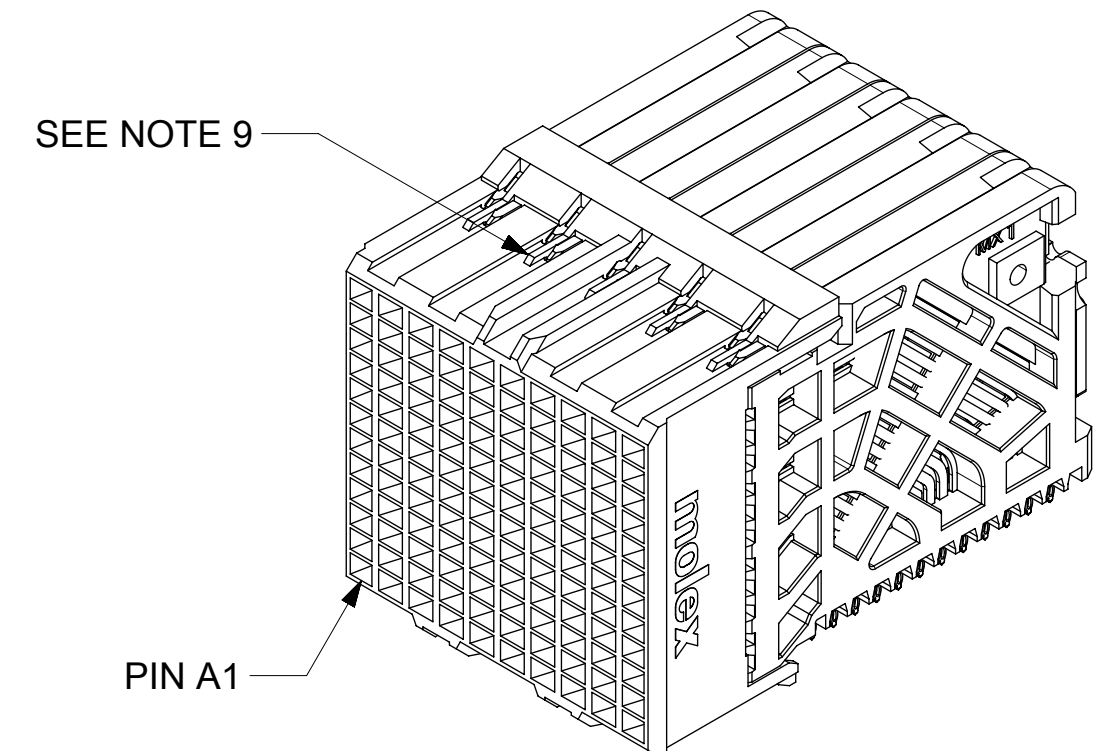
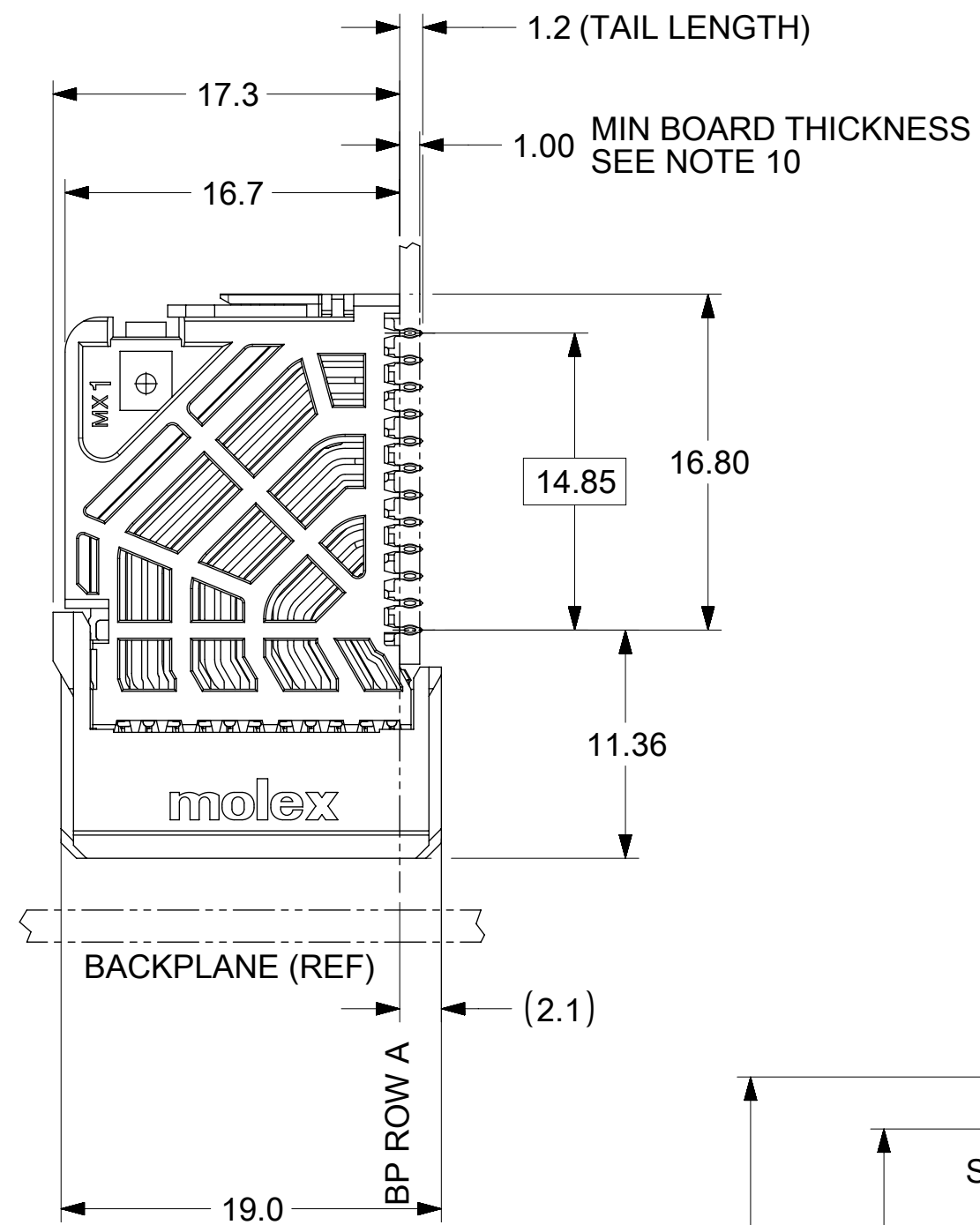
可连接使用部件

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

This document was generated on Jun 03, 2024



SEE NOTE 11



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

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

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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	MATERIAL NUMBER SEE CHART		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING C-SIZE			

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