



产品编号 : 310721010

系列号 : 31072

Product Category : Connector Housings

Product Description : 2.54mm H-DAC 64, 5
Way Receptacle Assembly, Single Row,
Polarization A

状态 : Active

文件和资源

图纸

图纸 310721010_sd.pdf

包装设计图 PK-30907-737-001.pdf

包装设计图 PK-31301-076-001.pdf

3D 模型和设计文件

3D模型 310721010_stp.zip

规格

应用规格 AS-31067-100-001.pdf

产品规格 PS-31100-0001-001.pdf

产物环境合规

合规

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
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

产品详情

常规

状态	活动
类别	Connector Housings
系列	31072
说明	2.54mm H-DAC 64, 5 Way Receptacle Assembly, Single Row, Polarization A
应用	Automotive, Power, Wire-to-Board, Wire-to-Wire
个评论	Polarization Option A, Black
产品系列	H-DAC 64 Unsealed Connector System
产品名称	H-DAC 64
UPC	800756477169

物理

电路数（最多）	5
颜色-树脂	Black, White
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	Modified Polystyrene, Polyester
净重	1.500/g
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	2.54mm
间距 - 终端界面	2.54mm
有极性的插配件	是
端口	1

可堆叠的	否
运行温度范围	-40° to +100° C

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
2.54mm H-DAC 64, 5 Way Male Housing Assembly, Single Row, Polarization A, Black	<u>310721040</u>
2.54mm H-DAC 64, 5 Way Male Housing Assembly, Single Row, Polarization A, Black, with Xmas Tree Attachment	<u>310721070</u>

可连接使用部件

描述	产品编号
可装的端子等部件	See Product Specification

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M

L

K

J

I

H

G

F

E

D

C

B

A

M

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H

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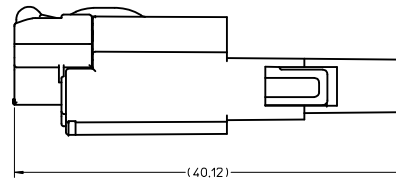
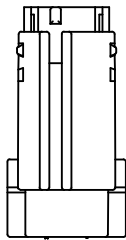
E

D

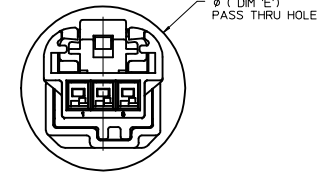
C

B

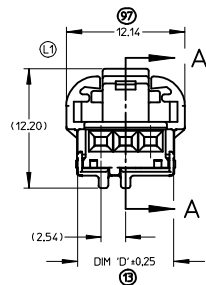
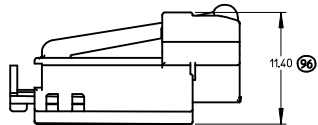
A



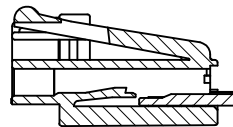
OVERALL MATED LENGTH



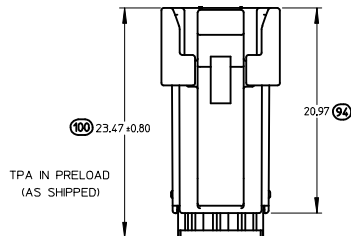
MALE AND FEMALE ASSEMBLY
PASS THRU VIEW
(CAD GENERATED)



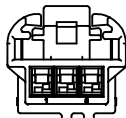
MATING SIDE



SECTION A-A
SCALE 4:1



TPA IN PRELOAD
(AS SHIPPED)



WIRE SIDE

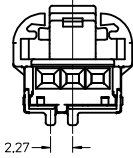
- NOTES:
1. MATERIAL: HOUSING: SPS GLASS FILLED, COLOR SEE CHART.
TPA: PBT.
 2. PRODUCT SPECIFICATIONS - IN-LINE MATING INTERFACE: PS-31067-0001.
- DIRECT CONNECT MATING INTERFACE: PS-31100-0001.
 3. PACKAGING SPECIFICATION: DRAWING PK-30907-737.
 4. MATES WITH: SEE SALES DRAWINGS SD-31110-003 (MALE IN-LINE),
SD-31197-003 (RIGHT ANGLE HEADER), SD-31101-114 (VERTICAL
"WINGED" HEADER), AND SD-31204-003 (VERTICAL HEADER).
 5. TERMINAL PLATING: TIN (Sn) OVERALL, BRITTE FINISH.
THICKNESS = 15 MICROMETER MINIMUM,
NICKEL (Ni) UNDERPLATE OVERALL.
 6. PACKAGING: PLEASE REFERENCE MOLEX SPECIFICATION PS-34646-001,
AVAILABLE AT WWW.MOLEX.COM. (REFERENCE: TPAs THAT ARE FOUND IN
SEATED (FINAL LOCK) POSITION)
 7. APPLICATION SPECIFICATION: AS-31067-100.

ENTER DESCRIPTION EC NO. UAU2017-0147 DRAWN: FISHER01 2016/08/17 CHKD: APPR:RBALMAN 2016/08/17 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
		4 PLACES ± ---	± ---	mm	INCH	DRAWN BY BDICK01	DATE 6/22/2007	TITLE FEMALE ASSEMBLY CHARTED SALES DRAWING		
		3 PLACES ± ---	± ---	mm	INCH	CHECKED BY CDILLON	DATE 6/22/2007			
		2 PLACES ± 0.13	± ---	mm	INCH	APPROVED BY	DATE			
		1 PLACE ± 0.25	± ---	mm	INCH					
		ANGULAR ±1/2°						molex MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-31109-003				SHEET NO. 1 OF 4
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

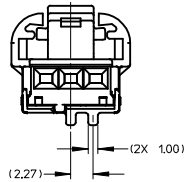
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

FEMALE VIEWED FROM MATING SIDE

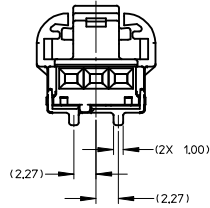
3 WAY
POLARIZATION 'A'



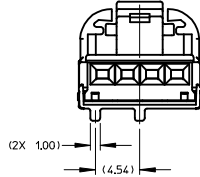
3 WAY
POLARIZATION 'B'



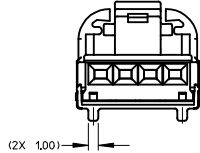
3 WAY
POLARIZATION 'C'



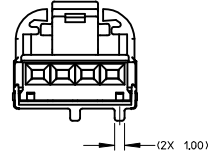
4 WAY
POLARIZATION 'A'



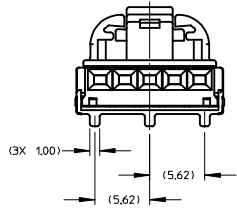
4 WAY
POLARIZATION 'B'



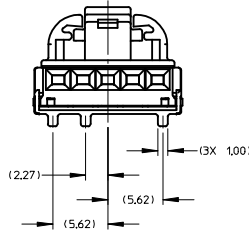
4 WAY
POLARIZATION 'C'



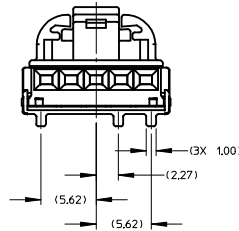
5 WAY
POLARIZATION 'A'



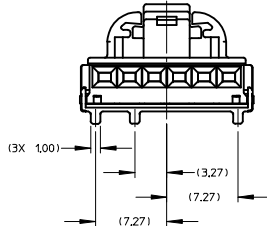
5 WAY
POLARIZATION 'B'



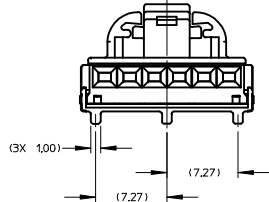
5 WAY
POLARIZATION 'C'



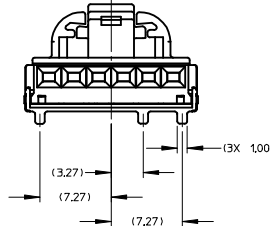
6 WAY
POLARIZATION 'A'



6 WAY
POLARIZATION 'B'



6 WAY
POLARIZATION 'C'

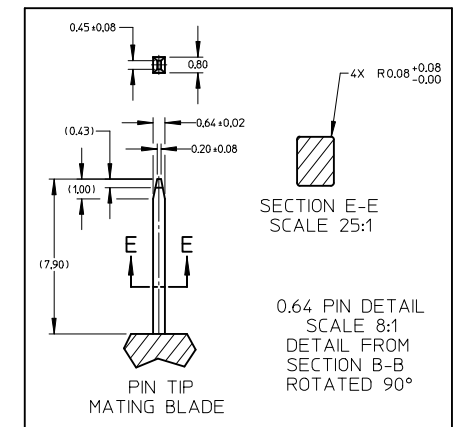


BILL OF MATERIALS							MATING ASSEMBLIES PART NUMBERS				
ASSEMBLY PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION	COLOR	DIM 'D'	DIM 'E'	INLINE MALE ASSEMBLY W/O XHAS SLOT	INLINE MALE ASSEMBLY W/ XHAS SLOT	RIGHT ANGLE MALE HEADER ASSEMBLY	VERTICAL MALE HEADER ASSEMBLY	VERTICAL MALE WINGED HEADER ASSY
31067-1010	3 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31111-0030	FEMALE HOUSING	BLACK	9.80	16.76	31067-1040	31067-1070	31100-0030 NOT TOOLED	31101-0030 NOT TOOLED	TBD
		31113-0030	TPA	NATURAL (WHITE)							
31067-1011	3 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31111-0031	FEMALE HOUSING	GRAY	9.80	16.76	31067-1041	31067-1071	31100-0031 NOT TOOLED	31101-0031 NOT TOOLED	TBD
		31113-0030	TPA	NATURAL (WHITE)							
31067-1012	3 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31111-0032	FEMALE HOUSING	BROWN	9.80	16.76	31067-1042	31067-1072	31100-0032 NOT TOOLED	31101-0032 NOT TOOLED	TBD
		31113-0030	TPA	NATURAL (WHITE)							
31068-1010	4 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31157-0040	FEMALE HOUSING	BLACK	12.34	18.25	31068-1040	31068-1070	31100-0040	31101-0040	31101-1140
		31158-0040	TPA	NATURAL (WHITE)							
31068-1011	4 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31157-0041	FEMALE HOUSING	GRAY	12.34	18.25	31068-1041	31068-1071	31100-0041	31101-0041	31101-1240
		31158-0040	TPA	NATURAL (WHITE)							
31068-1012	4 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31157-0042	FEMALE HOUSING	BROWN	12.34	18.25	31068-1042	31068-1072	31100-0042	31101-0042	31101-1340
		31158-0040	TPA	NATURAL (WHITE)							
31072-1010	5 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31160-0050	FEMALE HOUSING	BLACK	14.88	20.25	31072-1040	31072-1070	31100-0050 NOT TOOLED	31101-0050 NOT TOOLED	TBD
		31161-0050	TPA	NATURAL (WHITE)							
31072-1011	5 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31160-0051	FEMALE HOUSING	GRAY	14.88	20.25	31072-1041	31072-1071	31100-0051 NOT TOOLED	31101-0051 NOT TOOLED	TBD
		31161-0050	TPA	NATURAL (WHITE)							
31072-1012	5 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31160-0052	FEMALE HOUSING	BROWN	14.88	20.25	31072-1042	31072-1072	31100-0052 NOT TOOLED	31101-0052 NOT TOOLED	TBD
		31161-0050	TPA	NATURAL (WHITE)							
31073-1010	6 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31163-0060	FEMALE HOUSING	BLACK	17.42	22.75	31073-1040	31073-1070	31100-0060 NOT TOOLED	31101-0060 NOT TOOLED	TBD
		31164-0060	TPA	NATURAL (WHITE)							
31073-1011	6 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31163-0061	FEMALE HOUSING	GRAY	17.42	22.75	31073-1041	31073-1071	31100-0061 NOT TOOLED	31101-0061 NOT TOOLED	TBD
		31164-0060	TPA	NATURAL (WHITE)							
31073-1012	6 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31163-0062	FEMALE HOUSING	BROWN	17.42	22.75	31073-1042	31073-1072	31100-0062 NOT TOOLED	31101-0062 NOT TOOLED	TBD
		31164-0060	TPA	NATURAL (WHITE)							

ENTER DESCRIPTION IEC NO. UAU2017-0147 DRAWN/FISHER01 2016/08/17 CHKD: CHYK APPR:RBALMAN 2016/08/17 REV: 62		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.13</td> <td>---</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.25</td> <td>---</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.13	---	1 PLACE ±	0.25	---	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm	INCH																				
4 PLACES ±	---	---																				
3 PLACES ±	---	---																				
2 PLACES ±	0.13	---																				
1 PLACE ±	0.25	---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY BDICK01	DATE 6/22/2007	CHECKED BY CDILLON	DATE 6/22/2007	APPROVED BY DATE	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-31109-003	SHEET NO. 2 OF 4													
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								MOLEX INCORPORATED														

SECTION B-B

SCALE 10:1



MATING INTERFACE DETAIL
SCALE 10:1
RECOMMENDED MATING MATERIAL: SPS, 30% GLASS FILLED.

DIMENSIONS FOR DIRECT CONNECT

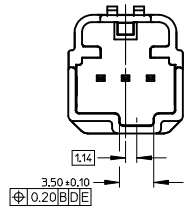
CIRCUIT SIZE	DIM "A"	DIM "B"	DIM "C"	DIM "D"
3	8.89	10.05	10.19	10.11
4	11.20	12.59	12.73	12.65
5	13.74	15.13	15.27	15.19
6	16.28	17.67	17.81	17.73

RECOMMENDED DIRECT CONNECT INFO
FOR MATING FEMALE PARTS ONLY

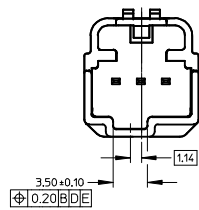
ENTER DESCRIPTION REC NO: JAO2007-0147 DRAWN BY: FISHERO 2016/08/17 CKD: APPR:RAJMAN 2016/08/17 G2	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± .005</td><td>± .0004</td></tr><tr><td>3 PLACES</td><td>± .003</td><td>± .0002</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .005</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± .010</td></tr></table>		mm	INCH	4 PLACES	± .005	± .0004	3 PLACES	± .003	± .0002	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM ONLY DRAWN BY DATE B01CK01 6/22/2007 CHECKED BY DATE CDILLON 6/22/2007 APPROVED BY DATE	SCALE: 1:1 DESIGN UNITS: METRIC  THIRD ANGLE PROJECTION	TITLE FEMALE ASSEMBLY CHARTED SALES DRAWING	SHEET NO. 3 OF 4
				mm	INCH																
			4 PLACES	± .005	± .0004																
			3 PLACES	± .003	± .0002																
2 PLACES	± 0.13	± .005																			
1 PLACE	± 0.25	± .010																			
ANGULAR AR ± 1/2°	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-31109-003	MOLEX INCORPORATED																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			

REFERENCE ONLY

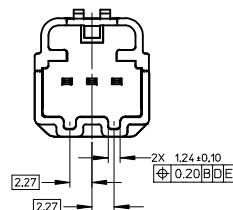
3 WAY
POLARIZATION "A"



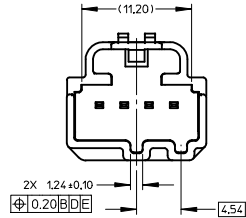
3 WAY
POLARIZATION "B"



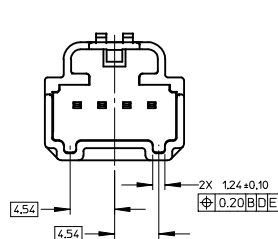
3 WAY
POLARIZATION "C"



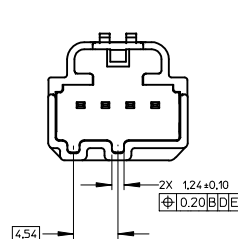
4 WAY
POLARIZATION "A"



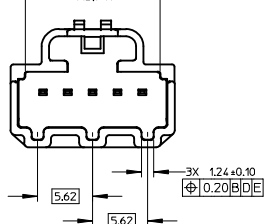
4 WAY
POLARIZATION "B"



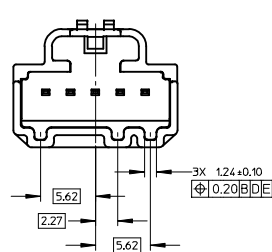
4 WAY
POLARIZATION "C"



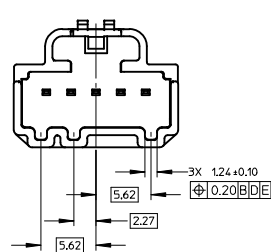
5 WAY
POLARIZATION "A"



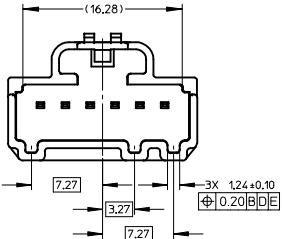
5 WAY
POLARIZATION "B"



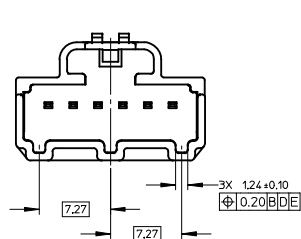
5 WAY
POLARIZATION "C"



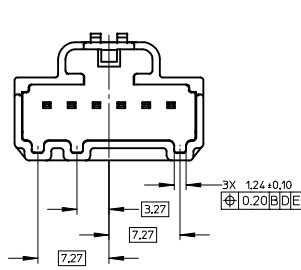
6 WAY
POLARIZATION "A"



6 WAY
POLARIZATION "B"



6 WAY
POLARIZATION "C"



ENTER DESCRIPTION EC NO: UAU2017-0147 DRWING: FISCHER01 2016/08/17 CHKD: APPR: BRAUNMAN 2016/08/17 REV: G2	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	▽=0		mm INCH		DRAWN BY DATE		4:1	METRIC	TITLE		
	▽=0		4 PLACES ± --- ± ---		BDICK01' 6/22/2007		FEMALE ASSEMBLY CHARTED SALES DRAWING				
			3 PLACES ± --- ± ---		CHECKED BY DATE						
		2 PLACES ± 0.13 ± ---		CDILLON 6/22/2007		MOLEX INCORPORATED					
		1 PLACE ± 0.25 ± ---		APPROVED BY DATE							
		ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE		SEE CHART		SD-31109-003		4 OF 4			
		MUST REMAIN		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX					
		WITHIN DIMENSIONS				INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					