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Part Number: [0310671010](#)
Status: **Active**
Overview: [hdac_64_single_row](#)
Description: 2.54mm (.100") H-DAC 64™, 3 Way Receptacle Assembly, Single-Row, Polarization A

Documents:
[Drawing \(PDF\)](#)
[Application Specification \(PDF\)](#)
[Product Specification PS-31067-0001 \(PDF\)](#)
[Product Specification PS-31100-0001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Housings
Series	31067
Comments	Polarization Option A, Black
Overview	hdac_64_single_row
Product Name	H-DAC 64™

Physical

Circuits (maximum)	3
Circuits Detail	3
Color - Resin	Black, White
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene, Polyester
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40°C to +100°C

Electrical

Current - Maximum per Contact	11A, 9A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-31067-100
Packaging Specification	PK-30907-737, PK-31301-076
Product Specification	PS-31067-0001, PS-31100-0001
Sales Drawing	SD-31109-003



image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

China RoHS



Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

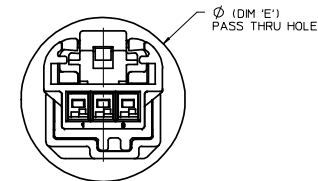
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[31067Series](#)

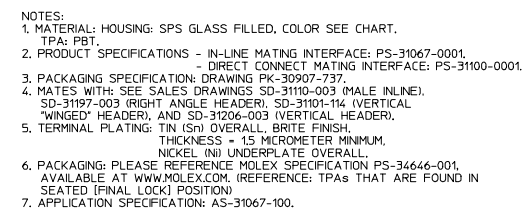
Mates With
[31101](#) H-DAC 64™ Vertical Header

Use With
See Product Spec

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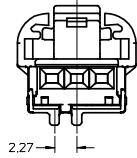
MALE AND FEMALE ASSEMBLY
PASS THRU VIEW
(CAD GENERATED)



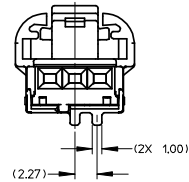
ENTER DESCRIPTION EC NO: JAU2008-0767 DRAWN BY: JACUJA 2008/07/08 CHECKED BY: CHIKIDOKI 2008/07/09 APPR: S.MARCEA 2008/07/09	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		mm INCH		DRAWN BY DATE		TITLE		FEMALE ASSEMBLY CHARTED SALES DRAWING
		4 PLACES $\pm .01$ $\pm .0005$ 3 PLACES $\pm .015$ $\pm .0008$ 2 PLACES $\pm .03$ $\pm .0012$ 1 PLACE $\pm .025$ $\pm .0015$		CHECKED BY DATE COLLON 6/22/2007				
		ANGULAR $\pm 1/2^\circ$		APPROVED BY DATE				
NEW	DESCRIPTION	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		

FEMALE VIEWED FROM MATING SIDE

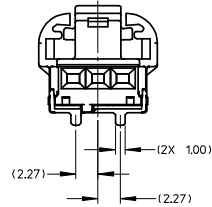
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POLARIZATION 'A'



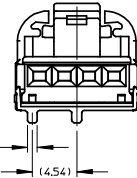
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POLARIZATION 'B'



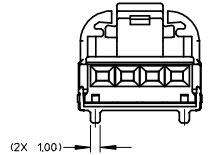
3 WAY
POLARIZATION 'C'



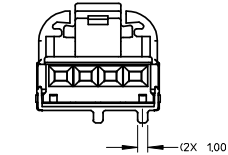
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POLARIZATION 'A'



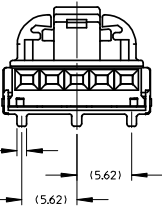
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POLARIZATION 'B'



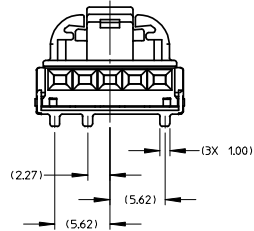
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POLARIZATION 'C'



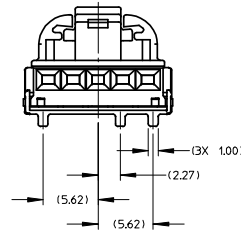
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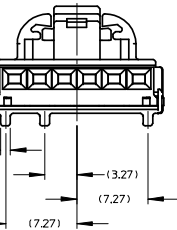
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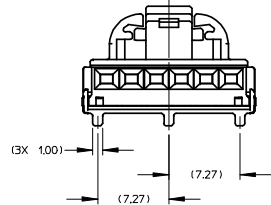
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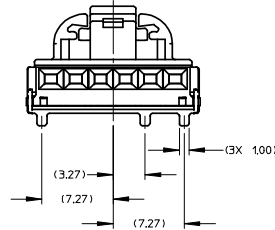
6 WAY
POLARIZATION 'A'



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 XMAS SLOT	INLINE MALE ASSEMBLY W/ XMAS 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: UAU2008-0767 DRAWN BY: CHYKBOICK CHECKED BY: CHYKBOICK APPR: SHARCEAU DATE: 2008/07/08 DATE: 2008/07/09 DATE: 2008/07/09	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>---</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	---																			
TITLE FEMALE ASSEMBLY CHARTED SALES DRAWING																					
MATERIAL NO. SEE CHART																					
DOCUMENT NO. SD-31109-003																					

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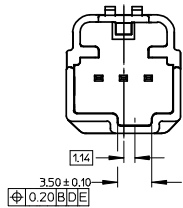


CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
3	8.89	10.05	10.19	10.11
4	11.20	12.59	12.73	12.65
5	13.74	15.13	15.27	15.19
6	16.28	17.67	17.81	17.73

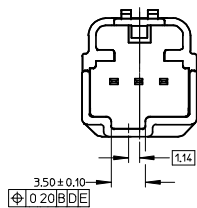
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Rev. E 2006/04/15

REFERENCE ONLY

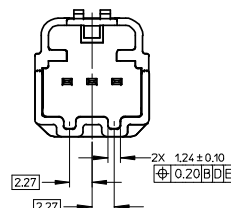
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POLARIZATION "A"



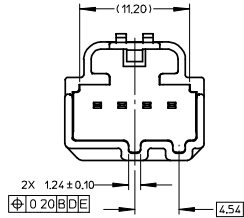
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POLARIZATION "B"



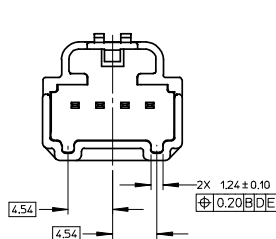
3 WAY
POLARIZATION "C"



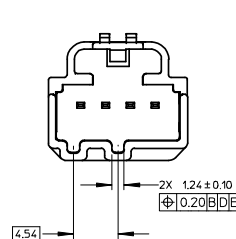
4 WAY
POLARIZATION "A"



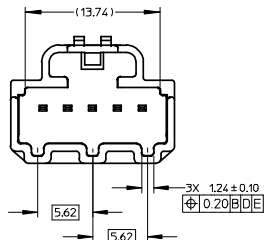
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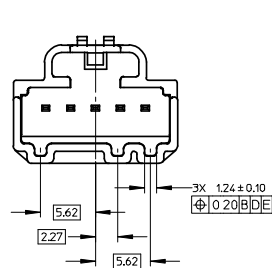
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POLARIZATION "C"



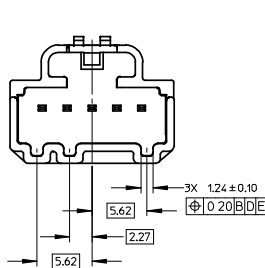
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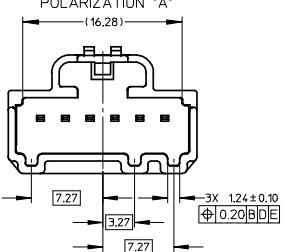
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POLARIZATION "B"



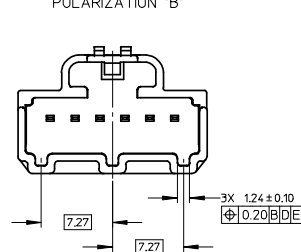
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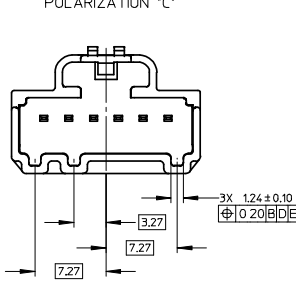
6 WAY
POLARIZATION "A"



6 WAY
POLARIZATION "B"



6 WAY
POLARIZATION "C"



ENTER DESCRIPTION EC NO. 14AU2008-0767 DRAWN: TMACHIGA 2008/07/08 CHKD: BDICK 2008/07/09 APPR: SMARCEAU 2008/07/09 G1		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		4:1	METRIC		
							TITLE		FEMALE ASSEMBLY CHARTED SALES DRAWING	
							DRAWN BY DATE			
				BDICK01' 6/22/2007						
				CHECKED BY DATE						
				CDILLON 6/22/2007						
				APPROVED BY DATE						
								 MOLEX INCORPORATED		
				ANGULAR ±1/2°						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		
						SEE CHART		SD-31109-003		
						SIZE		SHEET NO.		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		4 OF 4		