

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0310731070](#)
Status: **Active**
Overview: [hdac_64_single_row](#)
Description: 2.54mm (.100") H-DAC 64™, 6 Way Male Housing Assembly, Single-Row, Polarization A, with Xmas Tree Attachment

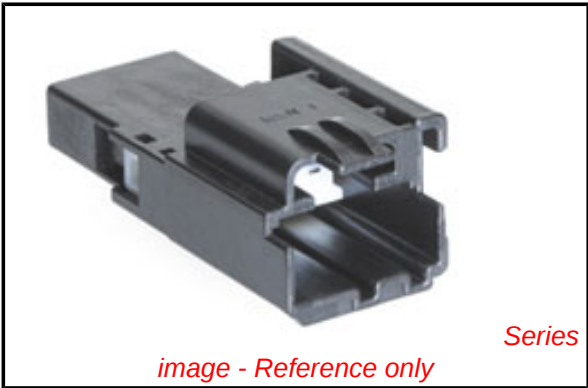
Documents:
[Drawing \(PDF\)](#) [Product Specification PS-31067-0001 \(PDF\)](#)
[Application Specification \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Housings
Series	31073
Comments	Polarization Option A, Black
Overview	hdac_64_single_row
Product Name	H-DAC 64™
Physical	
Circuits (maximum)	6
Circuits Detail	6
Color - Resin	Black
Gender	Male
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

Material Info

Reference - Drawing Numbers	
Application Specification	AS-31067-100
Packaging Specification	PK-30907-737, PK-31301-076
Product Specification	PS-31067-0001
Sales Drawing	SD-31110-003



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed



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
[31073Series](#)

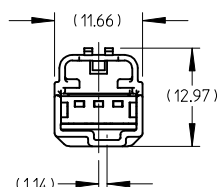
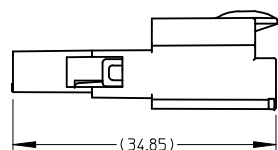
Mates With
H-DAC 64™, 6 Way Receptacle Assembly
[310731010](#)

Use With
See Product Spec

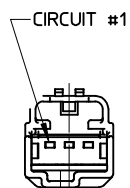
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3 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

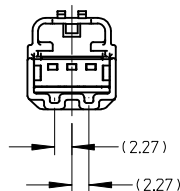
(Ø16.76) ASSEMBLY PASS
THROUGH HOLE



OPTION "A"



OPTION "B"

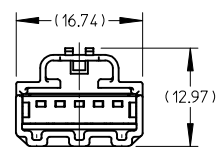
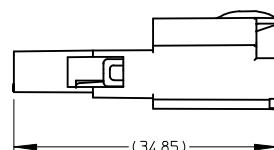


OPTION "C"

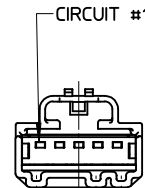
VIEWED FROM MATE SIDE

5 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

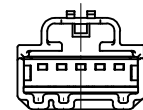
(Ø20.25) PASS THROUGH
HOLE



OPTION "A"



OPTION "B"

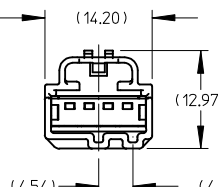
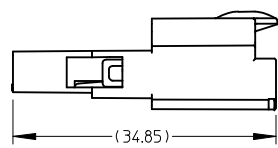


OPTION "C"

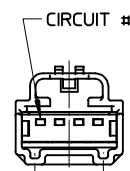
VIEWED FROM MATE SIDE

4 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

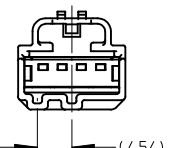
(Ø18.25) ASSEMBLY PASS
THROUGH HOLE



OPTION "A"



OPTION "B"

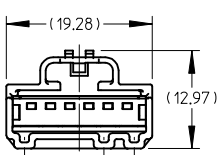
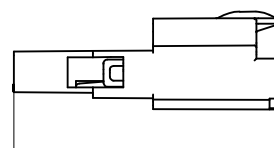


OPTION "C"

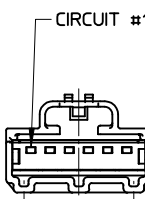
VIEWED FROM MATE SIDE

6 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

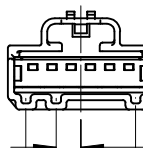
(Ø22.75) PASS THROUGH
HOLE



OPTION "A"



OPTION "B"



OPTION "C"

VIEWED FROM MATE SIDE

NOTES:

1. MATERIAL: HOUSING: SPS GLASS FILLED, COLOR SEE CHART.
TPA: PBT.
2. PRODUCT SPECIFICATION: PS-31067-0001.
3. PACKAGING SPECIFICATION: DRAWING PK-31301-067.
4. MATES WITH: SEE SALES DRAWINGS SD-31109-003.

EC NO: UAU2009-1155
DRW: THERFUR2009/05/12
CHK: TANGELI2009/05/14
APPR: MKNACK 2009/05/14

REV DESCRIPTION

QUALITY SYMBOLS

0
0

0
0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---

ANGULAR ± 1/2 °

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

SCALE 2:1 DESIGN UNITS

DIMENSION STYLE

MM ONLY

DRAWN BY DATE

DEMO 01/04/04

CHECKED BY DATE

APPROVED BY DATE

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

MALE ASSEMBLY

CHARTED SALES DRAWING

MOLEX INCORPORATED

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SD-31110-003

SHEET NO.

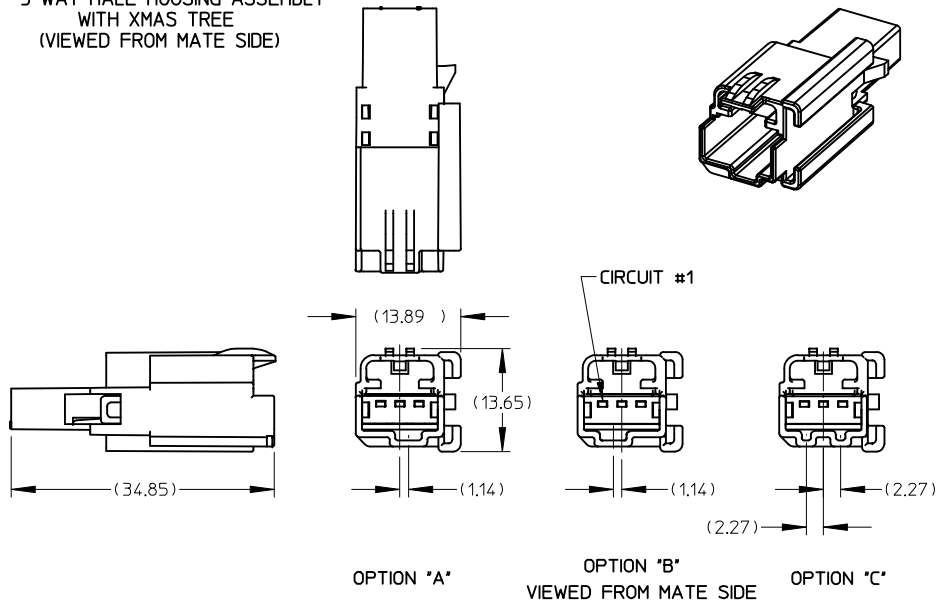
1 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX

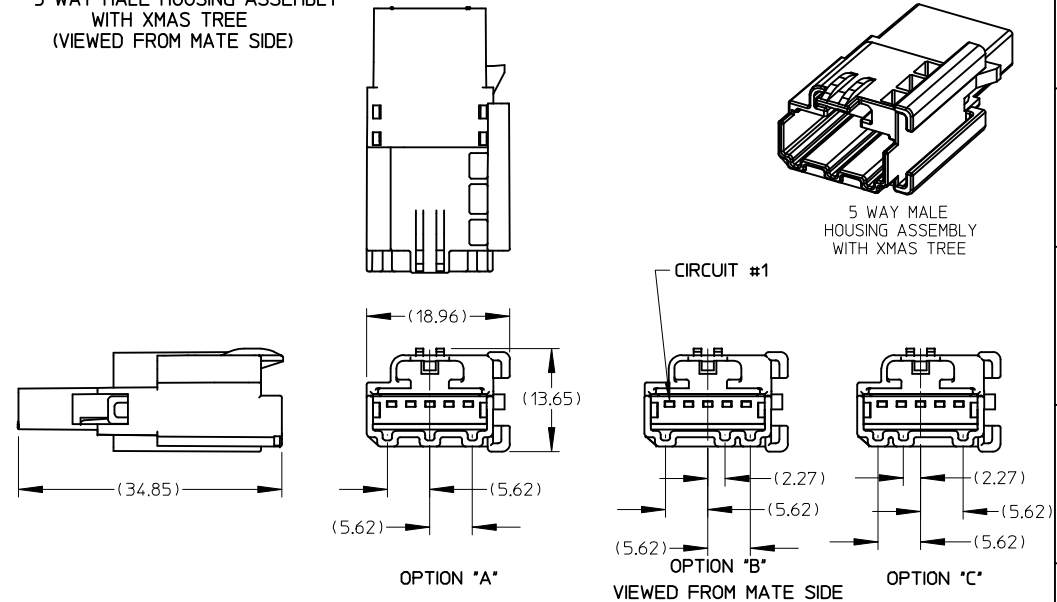
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

C

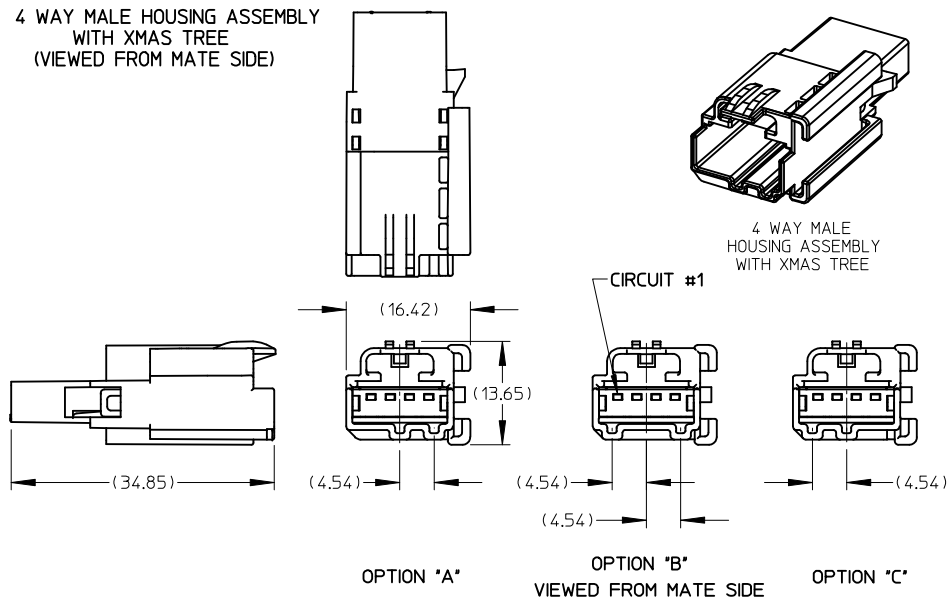
3 WAY MALE HOUSING ASSEMBLY
WITH XMAS TREE
(VIEWED FROM MATE SIDE)



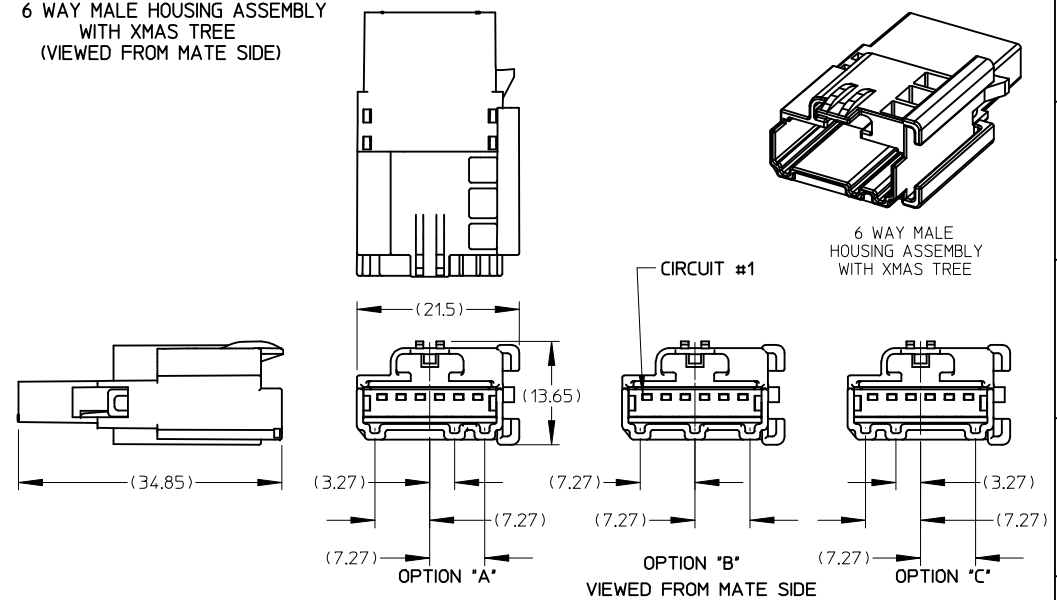
5 WAY MALE HOUSING ASSEMBLY
WITH XMAS TREE
(VIEWED FROM MATE SIDE)



4 WAY MALE HOUSING ASSEMBLY
WITH XMAS TREE
(VIEWED FROM MATE SIDE)



6 WAY MALE HOUSING ASSEMBLY
WITH XMAS TREE
(VIEWED FROM MATE SIDE)



EC NO: UAU2009-1155
DRWN: THERFUR2009/05/12
CHKD: TSMITH 2009/05/14
APPR: TANGELLO2009/05/14

QUALITY SYMBOLS
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE 2:1
DESIGN UNITS METRIC
DIMENSION STYLE MM ONLY
DRAWN BY DATE
CHECKED BY DATE
APPROVED BY DATE

THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
TITLE
MALE ASSEMBLY
CHARTED SALES DRAWING
MOLEX MOLEX INCORPORATED
MATERIAL NO. DOCUMENT NO. SHEET NO.
ENTER-PART SD-31110-003 2 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

	13	12	11	10	9	8		7	6	5	4	3	2	31110																		
	BILL OF MATERIALS							BILL OF MATERIALS																								
J	ASSEMBLY PART NUMBER	DESCRIPTION	XMAS TREE ATTACHMENT FEATURE	PART NUMBER	DESCRIPTION	COLOR			ASSEMBLY PART NUMBER	DESCRIPTION	XMAS TREE ATTACHMENT FEATURE	PART NUMBER	DESCRIPTION	COLOR	J																	
	31067-1040	3 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31112-0030	MALE HOUSING	BLACK			31072-1040	5 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31169-0050	MALE HOUSING	BLACK																		
				31114-0030	TPA	NATURAL (WHITE)		31170-0050				TPA	NATURAL (WHITE)																			
I	31067-1041	3 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31112-0031	MALE HOUSING	GRAY			31072-1041	5 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31169-0051	MALE HOUSING	GRAY	I																	
				31114-0030	TPA	NATURAL (WHITE)		31170-0050				TPA	NATURAL (WHITE)																			
	31067-1042	3 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31112-0032	MALE HOUSING	BROWN			31072-1042	5 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31169-0052	MALE HOUSING	BROWN																		
				31114-0030	TPA	NATURAL (WHITE)		31170-0050				TPA	NATURAL (WHITE)																			
H	31067-1070	3 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31112-1030	MALE HOUSING	BLACK			31072-1070	5 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31169-1050	MALE HOUSING	BLACK	H																	
				31114-0030	TPA	NATURAL (WHITE)		31170-0050				TPA	NATURAL (WHITE)																			
	31067-1071	3 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31112-1031	MALE HOUSING	GRAY			31072-1071	5 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31169-1051	MALE HOUSING	GRAY																		
				31114-0030	TPA	NATURAL (WHITE)		31170-0050				TPA	NATURAL (WHITE)																			
G	31067-1072	3 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31112-1032	MALE HOUSING	BROWN			31072-1072	5 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31169-1052	MALE HOUSING	BROWN	G																	
				31114-0030	TPA	NATURAL (WHITE)		31170-0050				TPA	NATURAL (WHITE)																			
	31068-1040	4 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31166-0040	MALE HOUSING	BLACK			31073-1040	6 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31172-0060	MALE HOUSING	BLACK																		
				31167-0040	TPA	NATURAL (WHITE)		31173-0060				TPA	NATURAL (WHITE)																			
F	31068-1041	4 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31166-0031	MALE HOUSING	GRAY			31073-1041	6 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31172-0061	MALE HOUSING	GRAY	F																	
				31167-0040	TPA	NATURAL (WHITE)		31173-0060				TPA	NATURAL (WHITE)																			
	31068-1042	4 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31166-0032	MALE HOUSING	BROWN			31073-1042	6 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31172-0062	MALE HOUSING	BROWN																		
				31167-0040	TPA	NATURAL (WHITE)		31173-0060				TPA	NATURAL (WHITE)																			
E	31068-1070	4 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31166-1040	MALE HOUSING	BLACK			31073-1070	6 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31172-1060	MALE HOUSING	BLACK	E																	
				31167-0040	TPA	NATURAL (WHITE)		31173-0060				TPA	NATURAL (WHITE)																			
	31068-1071	4 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31166-1041	MALE HOUSING	GRAY			31073-1071	6 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31172-1061	MALE HOUSING	GRAY																		
				31167-0040	TPA	NATURAL (WHITE)		31173-0060				TPA	NATURAL (WHITE)																			
D	31068-1072	4 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31166-1042	MALE HOUSING	BROWN			31073-1072	6 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31172-1062	MALE HOUSING	BROWN	D																	
				31167-0040	TPA	NATURAL (WHITE)		31173-0060				TPA	NATURAL (WHITE)																			
C															C																	
B															B																	
A															A																	
EC NO: UAU2009-1155 DRWN: THERFUR2009/05/12 CHK: TANGELL2009/05/14 APPR: MKNACK 2009/05/14 QUALITY SYMBOLS ▽ - 0 ▽ - 0 REV E1 GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></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><tr><td colspan="3">ANGULAR ± 1/2 °</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION REVISE ON CAD ONLY DIMENSION STYLE MM ONLY DRAWN BY DATE DEMO 01/04/04 CHECKED BY DATE MALE ASSEMBLY CHARTED SALES DRAWING MOLEX INCORPORATED APPROVED BY DATE MATERIAL NO. SEE CHART DOCUMENT NO. SD-31110-003 SHEET NO. 3 OF 3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION C																mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	ANGULAR ± 1/2 °		
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