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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

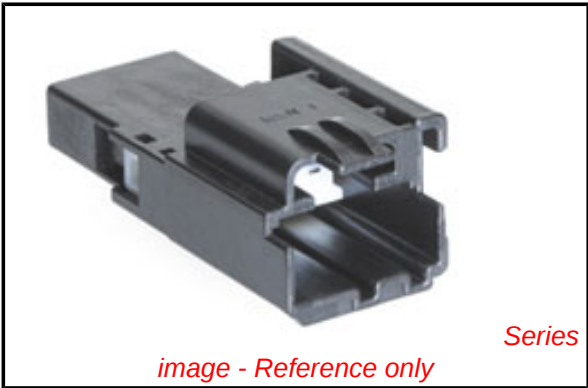
Documents:
[Drawing \(PDF\)](#) [Product Specification PS-31067-0001 \(PDF\)](#)
[Application Specification \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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](#)

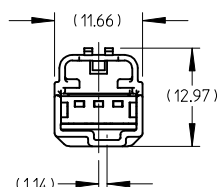
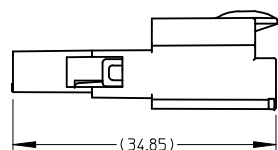
Mates With
H-DAC 64™, 6 Way Receptacle Assembly
[310731010](#)

Use With
See Product Spec

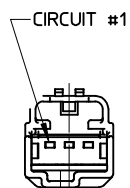
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3 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

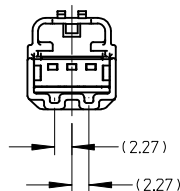
(Ø16.76) ASSEMBLY PASS
THROUGH HOLE



OPTION "A"



OPTION "B"

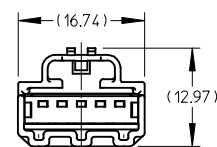
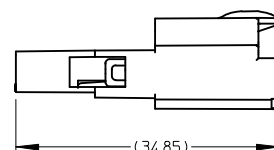


OPTION "C"

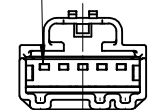
VIEWED FROM MATE SIDE

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

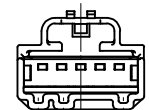
(Ø20.25) PASS THROUGH
HOLE



OPTION "A"



OPTION "B"

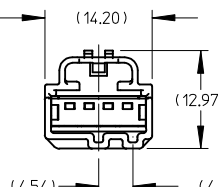
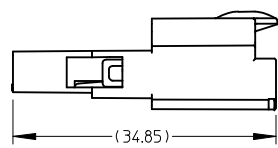


OPTION "C"

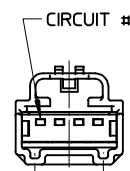
VIEWED FROM MATE SIDE

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

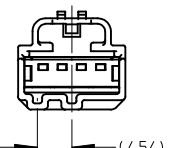
(Ø18.25) ASSEMBLY PASS
THROUGH HOLE



OPTION "A"



OPTION "B"

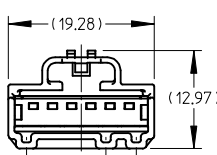
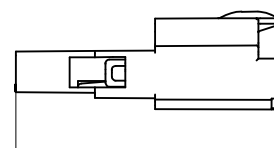


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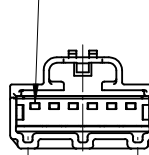
VIEWED FROM MATE SIDE

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

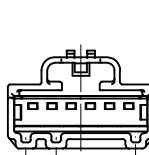
(Ø22.75) PASS THROUGH
HOLE



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 METRIC

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

MALE ASSEMBLY
CHARTED SALES DRAWING

MOLEX MOLEX INCORPORATED

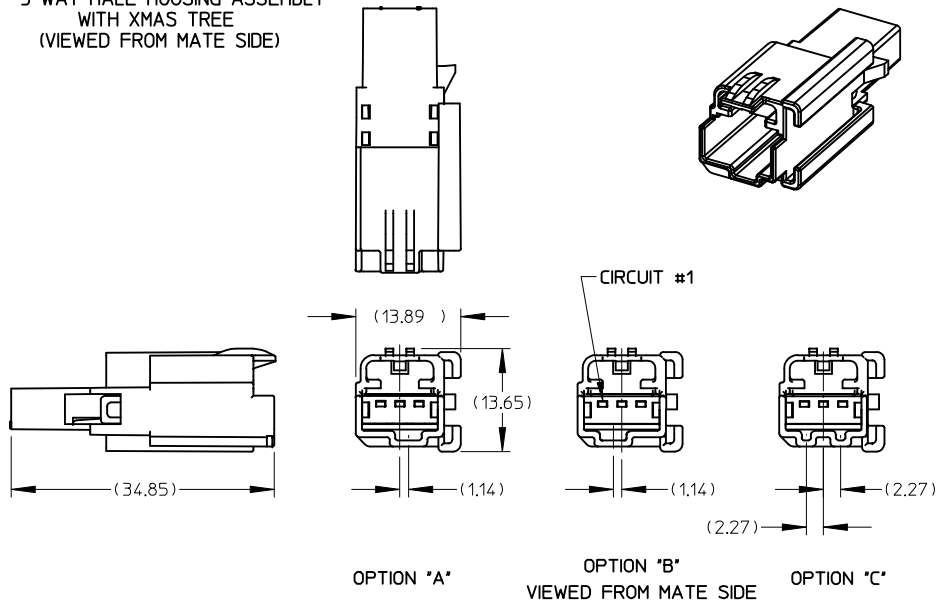
MATERIAL NO.
SEE CHART

DOCUMENT NO.
SD-31110-003

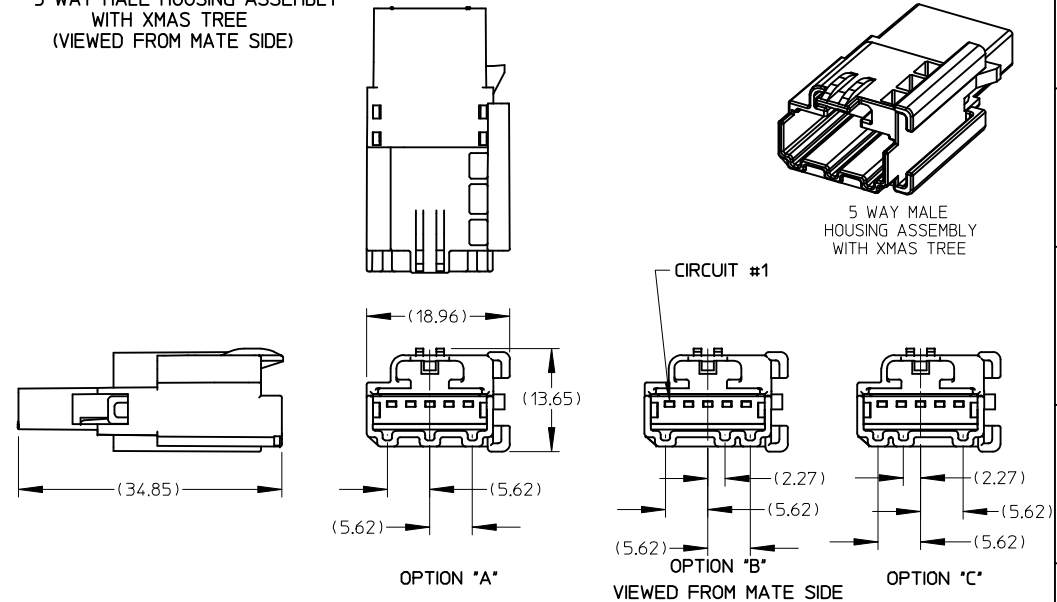
SHEET NO.
1 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

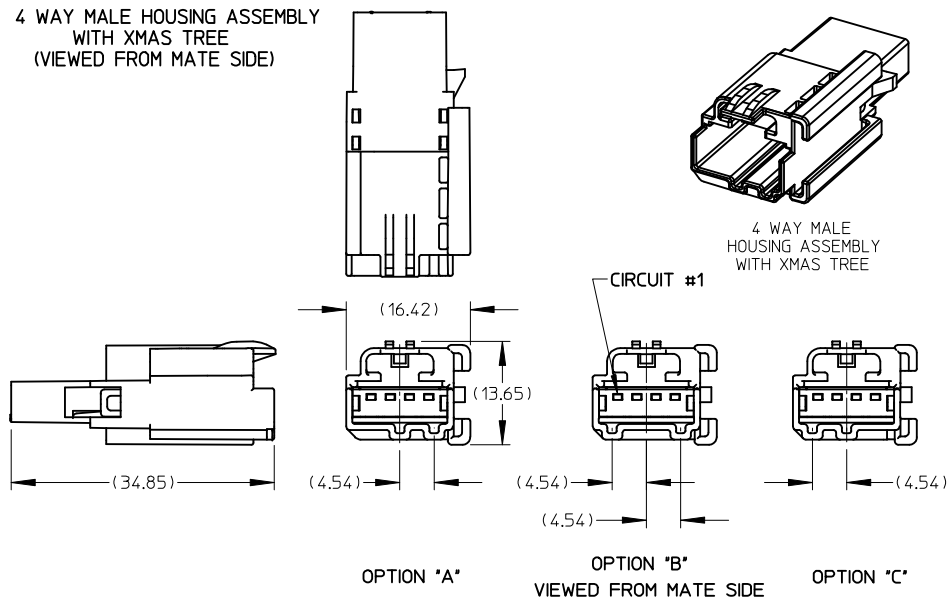
3 WAY MALE HOUSING ASSEMBLY
WITH XMAS TREE
(VIEWED FROM MATE SIDE)



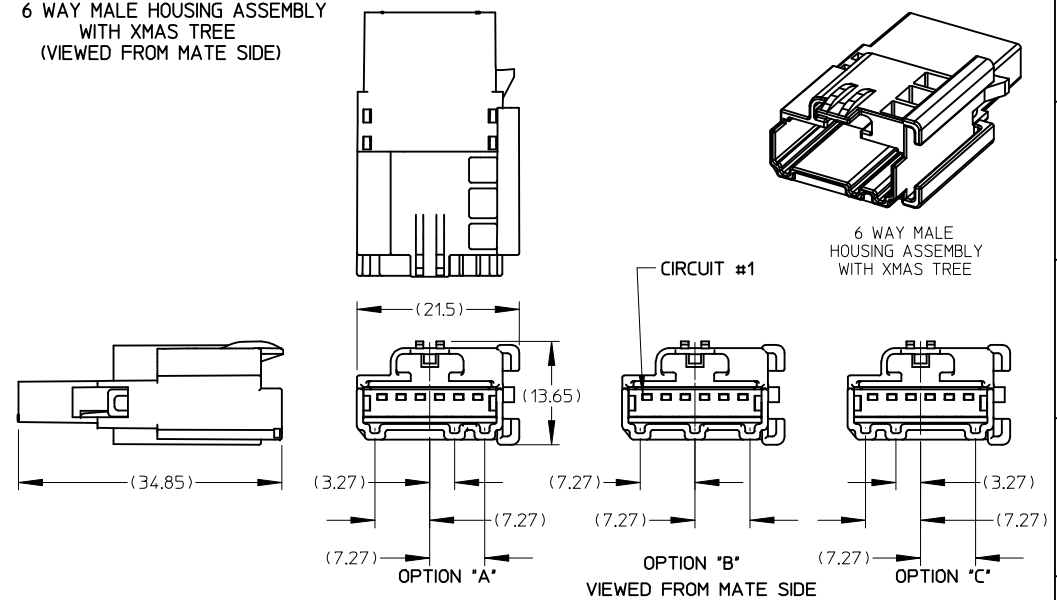
5 WAY MALE HOUSING ASSEMBLY
WITH XMAS TREE
(VIEWED FROM MATE SIDE)



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
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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							
							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				E			
							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							
							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				D			
							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							
							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		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		REVISE ON CAD ONLY										
	REV DESCRIPTION ▽ - 0 ▽ - 0 E1												4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE MM ONLY		DRAWN BY DATE		DEMEO 01/04/04		CHECKED BY DATE		APPROVED BY DATE			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
																	MALE ASSEMBLY CHARTED SALES DRAWING											SEE CHART		SD-31110-003		3 OF 3	
																THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				C													
fb_frame_C rev. A 11/01/98		12		11		10		9		8		7		6		5		4		3		2		1									