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Part Number: [0310681071](#)
Status: **Active**
Overview: H-DAC™ 64 Single Row
Description: 2.54mm (.100") H-DAC 64™, 4 Way Male Housing Assembly, Single-Row, Polarization B, 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	31068
Comments	Polarization Option B, Gray
Overview	H-DAC™ 64 Single Row
Product Name	H-DAC 64™

Physical

Circuits (maximum)	4
Circuits Detail	4
Color - Resin	Gray
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

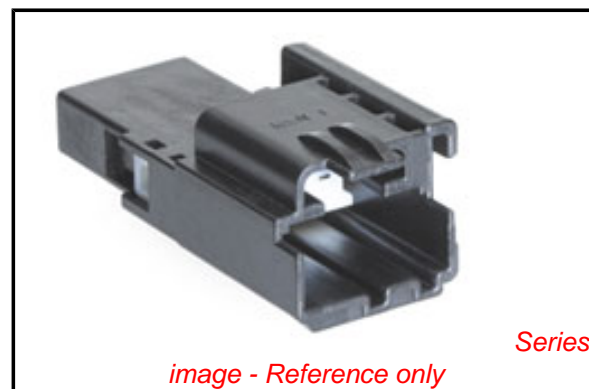
Electrical

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

Reference - Drawing Numbers

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

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

31068Series

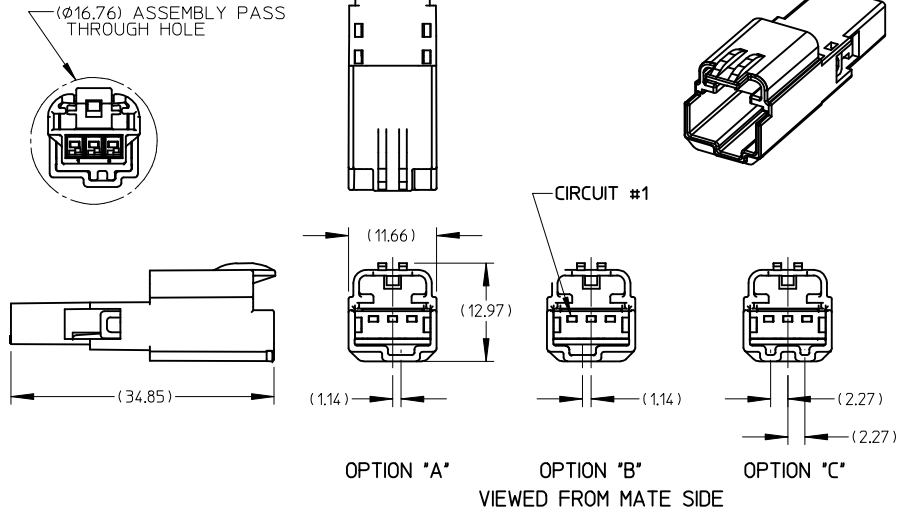
Mates With

H-DAC 64™, 4 Way Receptacle Assembly
 310681011

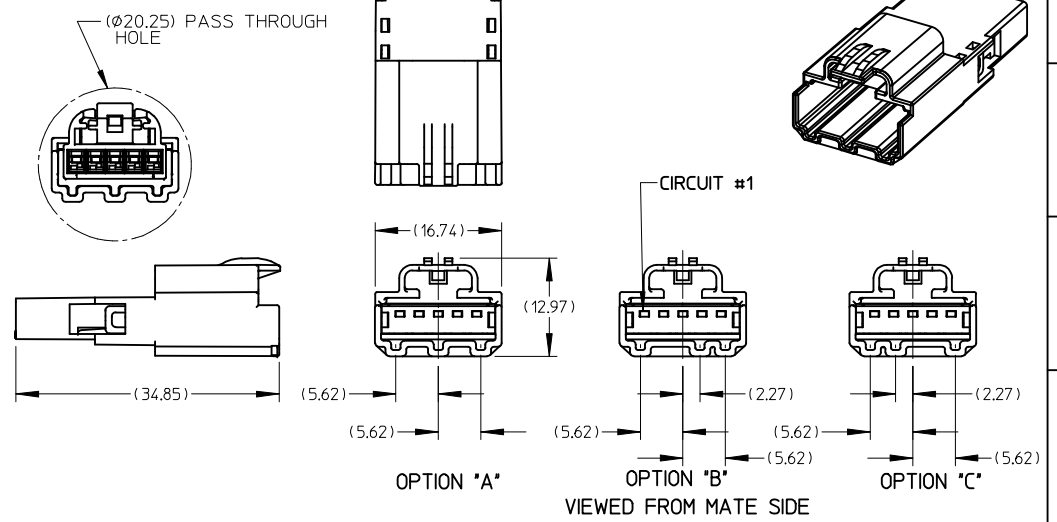
Use With

See Product Spec

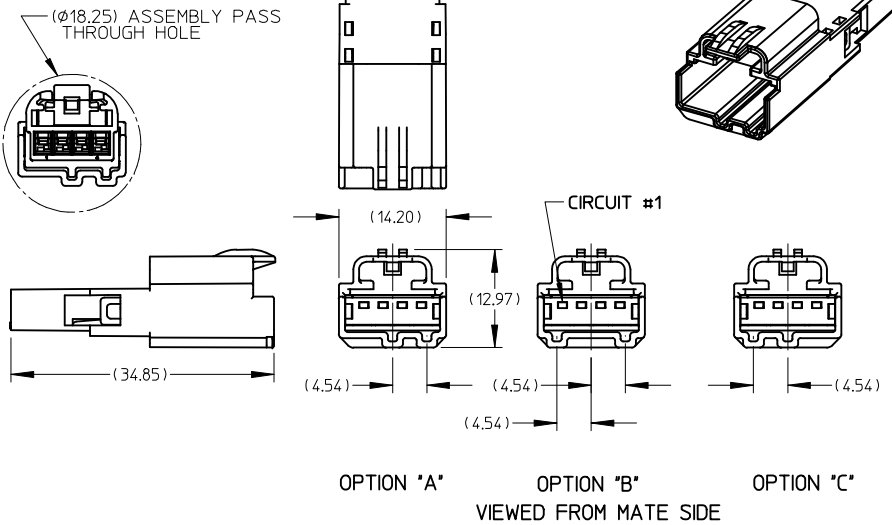
3 WAY MALE HOUSING ASSEMBLY
WITHOUT XMAS TREE
(VIEWED FROM MATE SIDE)



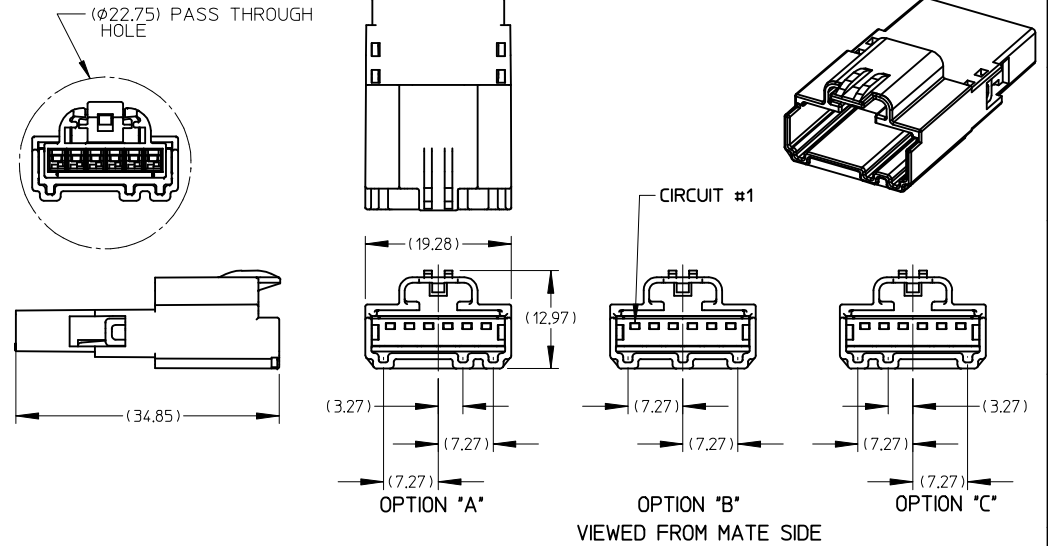
5 WAY MALE HOUSING ASSEMBLY
WITHOUT XMAS TREE
(VIEWED FROM MATE SIDE)



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



6 WAY MALE HOUSING ASSEMBLY
WITHOUT XMAS TREE
(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
DRWN: THERUF02009/05/12
CHK: TANGELI2009/05/14
APPR: MKNACK 2009/05/14

REV	DESCRIPTION
E1	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
▽-0	4 PLACES ± ---	± ---
	3 PLACES ± ---	± ---
	2 PLACES ± 0.13	± ---
	1 PLACE ± 0.25	± ---
∇-0	ANGULAR ± 1/2 °	

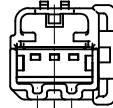
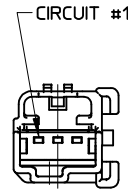
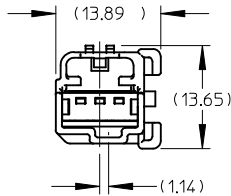
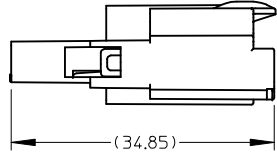
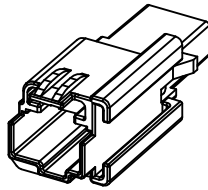
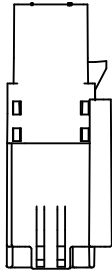
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

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

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

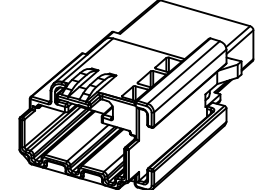
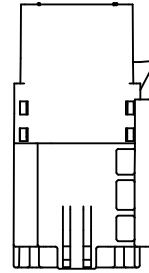


OPTION "A"

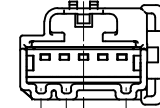
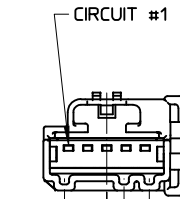
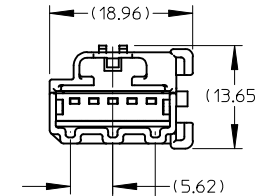
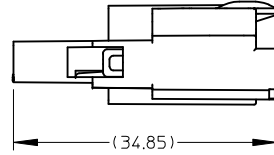
OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

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



5 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE

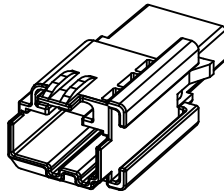
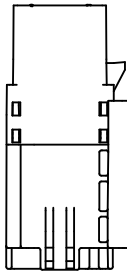


OPTION "A"

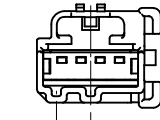
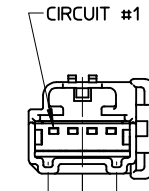
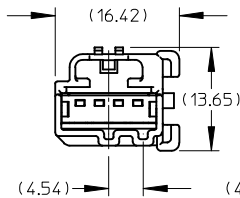
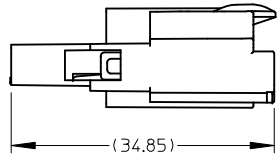
OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

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



4 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE

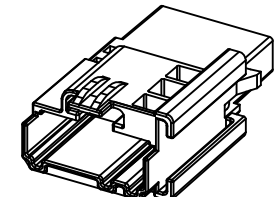
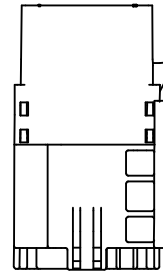


OPTION "A"

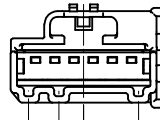
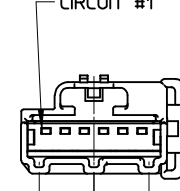
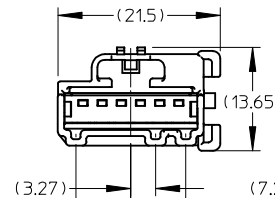
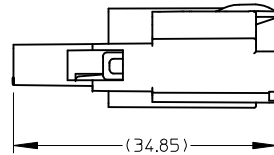
OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

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



6 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE



OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

EC NO: UAU2009-1155	DRWN: THERFURT009/05/12	CHKD: TSMITH	2009/05/14	APPR: TANGELLO009/05/14
DESCRIPTION				
E1				

QUALITY SYMBOLS	DESCRIPTION
▽ = 0	
▽C = 0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES ± .005	± .0005
	3 PLACES ± .002	± .0002
	2 PLACES ± 0.13	± .005
	1 PLACE ± 0.25	± .010
ANGULAR ± 1/2°		
DRAFT WHERE APPLICABLE		
MUST REMAIN WITHIN DIMENSIONS		

SCALE 2:1	DESIGN UNITS METRIC
DIMENSION STYLE MM ONLY	
DRAWN BY DEMEO	DATE 01/04/04
CHECKED BY	DATE
APPROVED BY	DATE

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

BILL OF MATERIALS

BILL OF MATERIALS

ASSEMBLY PART NUMBER	DESCRIPTION	XMAS TREE ATTACHMENT FEATURE	PART NUMBER	DESCRIPTION	COLOR
31067-1040	3 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31112-0030	MALE HOUSING	BLACK
			31114-0030	TPA	NATURAL (WHITE)
31067-1041	3 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31112-0031	MALE HOUSING	GRAY
			31114-0030	TPA	NATURAL (WHITE)
31067-1042	3 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31112-0032	MALE HOUSING	BROWN
			31114-0030	TPA	NATURAL (WHITE)
31067-1070	3 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31112-1030	MALE HOUSING	BLACK
			31114-0030	TPA	NATURAL (WHITE)
31067-1071	3 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31112-1031	MALE HOUSING	GRAY
			31114-0030	TPA	NATURAL (WHITE)
31067-1072	3 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31112-1032	MALE HOUSING	BROWN
			31114-0030	TPA	NATURAL (WHITE)
31068-1040	4 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31166-0040	MALE HOUSING	BLACK
			31167-0040	TPA	NATURAL (WHITE)
31068-1041	4 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31166-0031	MALE HOUSING	GRAY
			31167-0040	TPA	NATURAL (WHITE)
31068-1042	4 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31166-0032	MALE HOUSING	BROWN
			31167-0040	TPA	NATURAL (WHITE)
31068-1070	4 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31166-1040	MALE HOUSING	BLACK
			31167-0040	TPA	NATURAL (WHITE)
31068-1071	4 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31166-1041	MALE HOUSING	GRAY
			31167-0040	TPA	NATURAL (WHITE)
31068-1072	4 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31166-1042	MALE HOUSING	BROWN
			31167-0040	TPA	NATURAL (WHITE)

ASSEMBLY PART NUMBER	DESCRIPTION	XMAS TREE ATTACHMENT FEATURE	PART NUMBER	DESCRIPTION	COLOR
31072-1040	5 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31169-0050	MALE HOUSING	BLACK
			31170-0050	TPA	NATURAL (WHITE)
31072-1041	5 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31169-0051	MALE HOUSING	GRAY
			31170-0050	TPA	NATURAL (WHITE)
31072-1042	5 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31169-0052	MALE HOUSING	BROWN
			31170-0050	TPA	NATURAL (WHITE)
31072-1070	5 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31169-1050	MALE HOUSING	BLACK
			31170-0050	TPA	NATURAL (WHITE)
31072-1071	5 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31169-1051	MALE HOUSING	GRAY
			31170-0050	TPA	NATURAL (WHITE)
31072-1072	5 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31169-1052	MALE HOUSING	BROWN
			31170-0050	TPA	NATURAL (WHITE)
31073-1040	6 WAY MALE ASSEMBLY POLARIZATION "A"	NO	31172-0060	MALE HOUSING	BLACK
			31173-0060	TPA	NATURAL (WHITE)
31073-1041	6 WAY MALE ASSEMBLY POLARIZATION "B"	NO	31172-0061	MALE HOUSING	GRAY
			31173-0060	TPA	NATURAL (WHITE)
31073-1042	6 WAY MALE ASSEMBLY POLARIZATION "C"	NO	31172-0062	MALE HOUSING	BROWN
			31173-0060	TPA	NATURAL (WHITE)
31073-1070	6 WAY MALE ASSEMBLY POLARIZATION "A"	YES	31172-1060	MALE HOUSING	BLACK
			31173-0060	TPA	NATURAL (WHITE)
31073-1071	6 WAY MALE ASSEMBLY POLARIZATION "B"	YES	31172-1061	MALE HOUSING	GRAY
			31173-0060	TPA	NATURAL (WHITE)
31073-1072	6 WAY MALE ASSEMBLY POLARIZATION "C"	YES	31172-1062	MALE HOUSING	BROWN
			31173-0060	TPA	NATURAL (WHITE)

EC NO: UAU2009-1155 DRWN: THERFU2009/05/12 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	
	▽ - 0 ▽ - 0	mm	INCH	DIMENSION STYLE		MALE ASSEMBLY CHARTED SALES DRAWING		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	MM ONLY				
		2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	DRAWN BY DATE	DEMO 01/04/04	MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 1/2 °	APPROVED BY DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
E1						SEE CHART	SD-31110-003	3 OF 3