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Part Number: **0310731040**
Status: **Active**
Overview: hdac 64 single row
Description: 2.54mm (.100") H-DAC 64™, 6 Way Male Housing Assembly, Single-Row, Polarization A

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

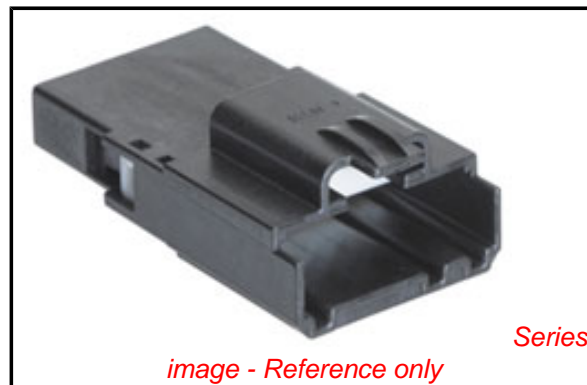


image - Reference only

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

31073Series

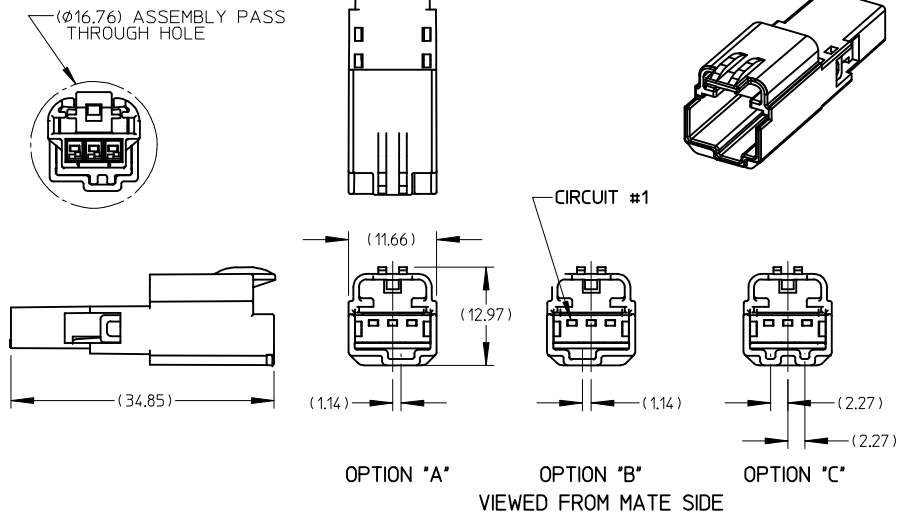
Mates With

H-DAC 64™, 6 Way Receptacle Assembly
 310731010

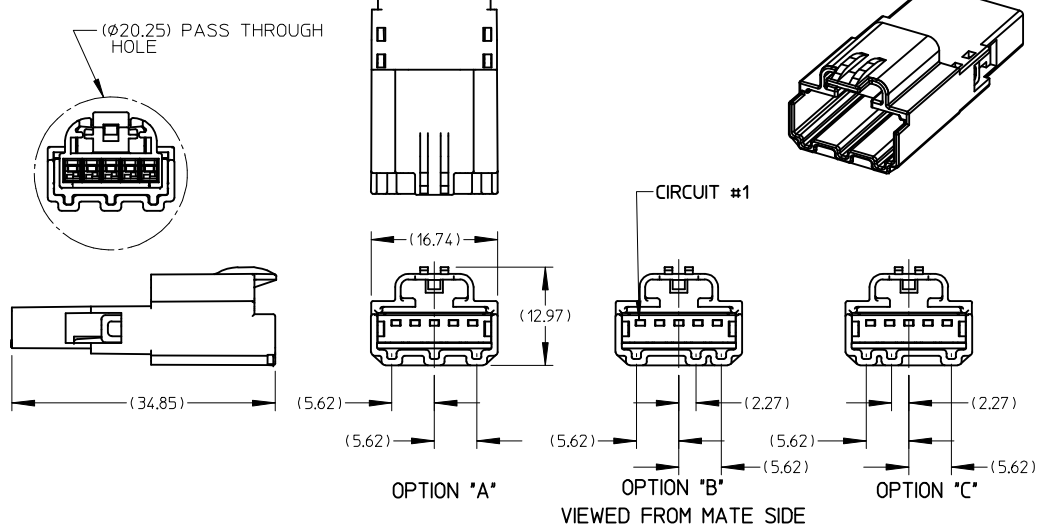
Use With

See Product Spec

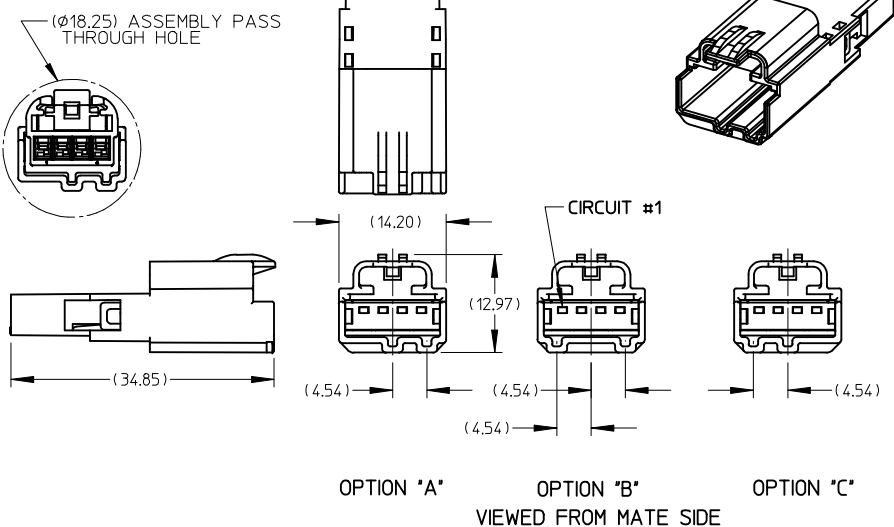
3 WAY MALE HOUSING ASSEMBLY
WITHOUT XMAS TREE
(VIEWED FROM MATE SIDE)



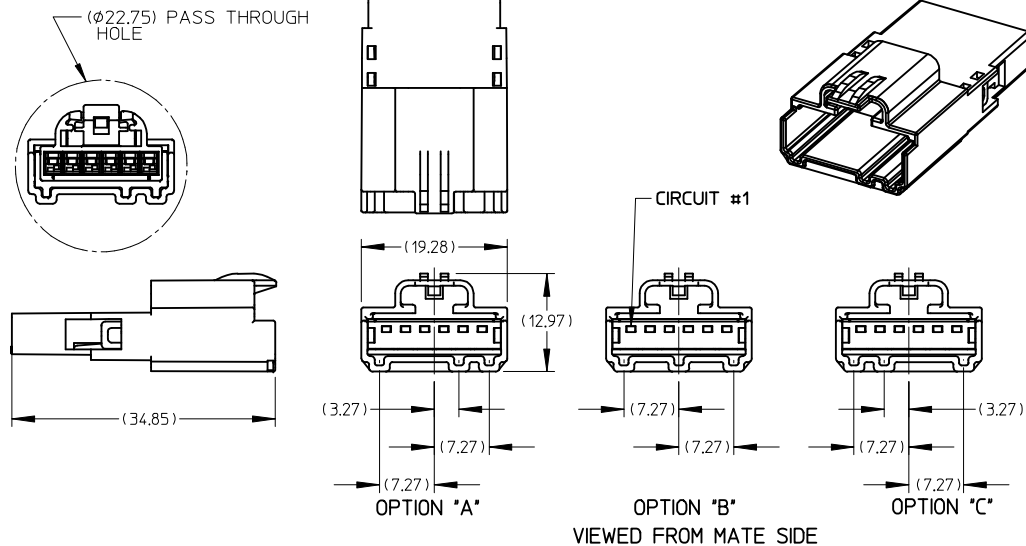
5 WAY MALE HOUSING ASSEMBLY
WITHOUT XMAS TREE
(VIEWED FROM MATE SIDE)



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

QUALITY SYMBOLS	DESCRIPTION
▽-0	
▽C-0	

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

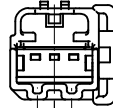
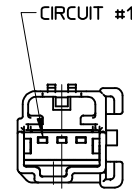
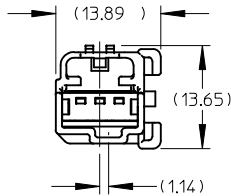
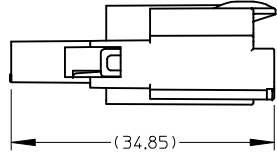
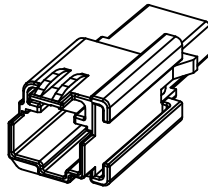
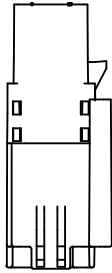
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

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

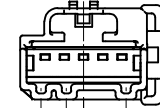
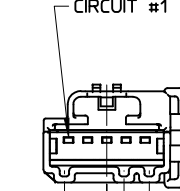
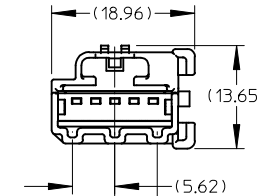
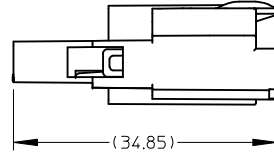
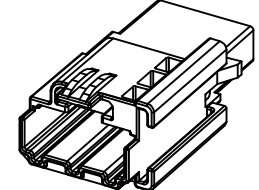
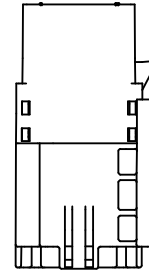


OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

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

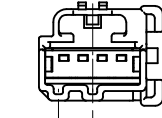
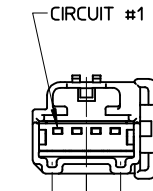
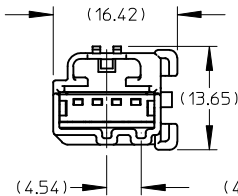
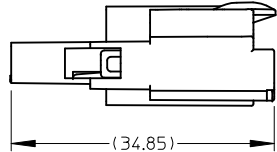
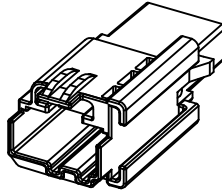
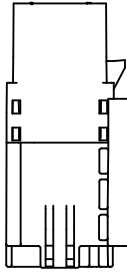


OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

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

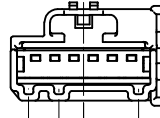
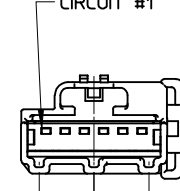
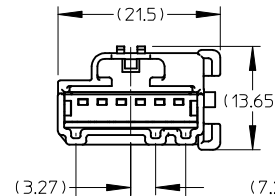
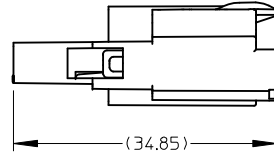
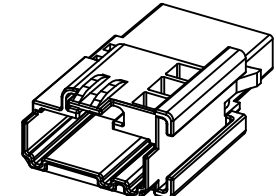
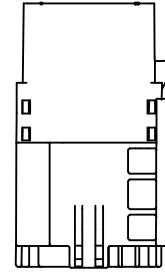


OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

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



OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

EC NO: UAU2009-1155
 DRWN: THERFURT009/05/12
 CHKD: TSMITH 2009/05/14
 APPR: TANGELLO2009/05/14

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
▽ = 0	mm	INCH
	4 PLACES ± ---	± ---
	3 PLACES ± ---	± ---
	2 PLACES ± 0.13	± ---
▽C = 0	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
 DME0 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. DOCUMENT NO. SHEET NO.
ENTER-PART SD-31110-003 2 OF 3
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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		DIMENSION STYLE		MALE ASSEMBLY CHARTED SALES DRAWING	
		INCH		MM ONLY			
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2 °		DRAWN BY DATE DEMEO 01/04/04 CHECKED BY DATE		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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	