

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0307001149

Status:

Active

Overview:

hdac_64_dualrow_high_density_automotive_connectors

Description:

2.54mm (.100") Pitch, 0.64mm (.025") Width H-DAC 64™ High Density Automotive Connectors, Dual Row, Female Harness Assembly, 14 Circuits, Polarization Option 3, Natural



image - Reference only

Series

Documents:

- [Application Specification \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-30700-0001 \(PDF\)](#)
- [Product Specification PS-30968-0001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Housings
Series	30700
Comments	Polarization Option 3
Overview	hdac_64_dualrow_high_density_automotive_connectors
Product Name	H-DAC 64™

Physical

Circuits (maximum)	14
Color - Resin	Natural, Red
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene Alloy, Polyester
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

Current - Maximum per Contact	7A
-------------------------------	----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-30907-417
Product Specification	PS-30700-0001, PS-30968-0001
Sales Drawing	SD-30700-120

EU RoHS

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

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

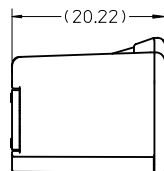
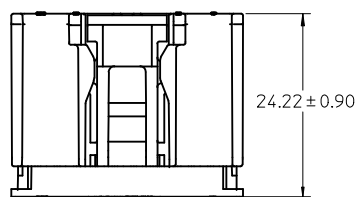
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
30700Series

Mates With
30700 Header, 30968 Crimp Housing

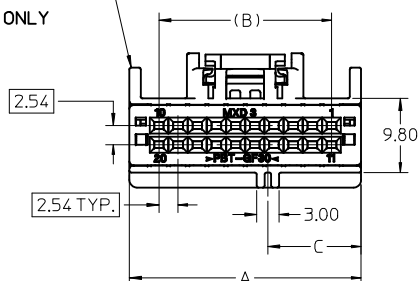
Use With
34230 Terminal

CONNECTORS WITHOUT BRIDGE OPTION

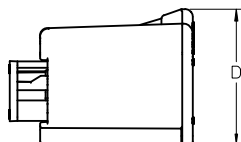


TPS SHOWN IN FULLY SEATED POSITION

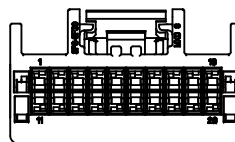
SCOOP PROOF RIBS
FOR CIRCUIT SIZES
14 THROUGH 20 ONLY



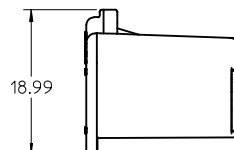
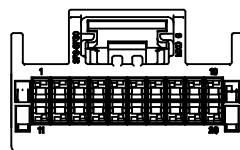
20 CIRCUIT HARNESS
ASSEMBLY SHOWN



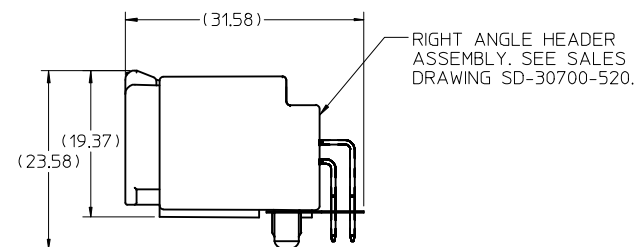
WITH TPA IN PRE-LOAD
(AS SHIPPED)



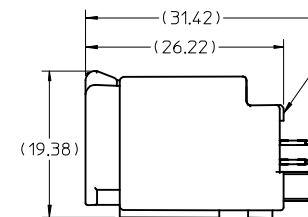
CONNECTORS WITH BRIDGE OPTION



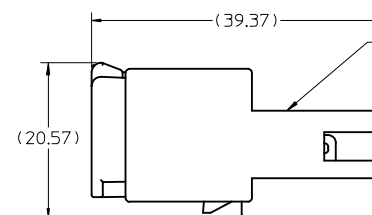
20 CIRCUIT HARNESS
ASSEMBLY SHOWN



MATED VIEW



MATED VIEW



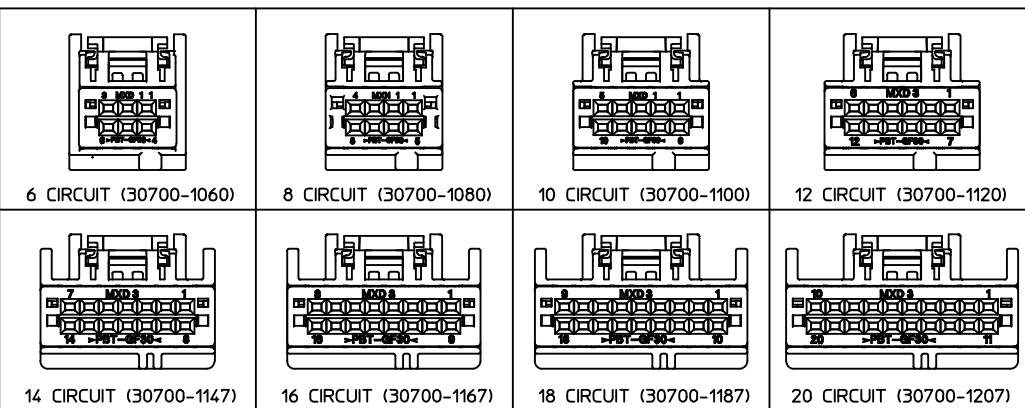
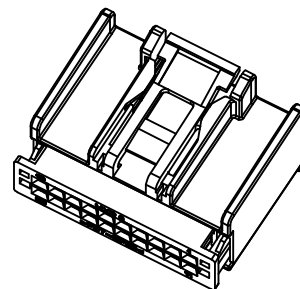
MATED VIEW

NOTES:

1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART.
TPA: PBT, GLASS FILLED, COLOR: RED.
2. PRODUCT SPECIFICATION: PS-30700-0001
3. PACKAGING SPECIFICATION: PK-30907-417
4. MATES WITH: SERIES 30700 & 30968, SEE SALES DRAWINGS
SD-30700-520, SD-30700-420 & SD-30968-120.

EC NO: UAU2008-0514 DRWN:BDICK01 2008/09/24 CHKD:MBALEY 2008/09/24 APPR:SMARCEA2008/09/25	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
				mm	INCH	DIMENSION STYLE MM ONLY		TITLE 6-20 CIRCUIT HARNESS ASSEMBLY		
			4 PLACES	± ---	± ---	DRAWN BY	DATE			
			3 PLACES	± ---	± ---	RCARLSON	01/03/23	MOLEX INCORPORATED		
			2 PLACES	± 0.13	± ---	CHECKED BY	DATE			
1 PLACE	± 0.25	± ---	CKRISHNA	01/03/27	MATERIAL NO. DOCUMENT NO. SHEET NO. SEE CHART SD-30700-120 1 OF 3					
ANGULAR ±1/2°			APPROVED BY	DATE						
D	REV		DRAFT WHERE APPLICABLE		LGEIB	01/03/28	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			MUST REMAIN WITHIN DIMENSIONS							

ASSEMBLY PART NUMBER		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS					PASS THRU HOLE DIA FOR HARNESS	MATING INTERFACE DIMENSIONS	
WITHOUT BRIDGE	WITH BRIDGE	HARNESS ASSEMBLY (POLARIZATION OPTIONS)	CIRCUIT SIZE	A REF.	(B)	C	D	HOUSING COLOR		E	F
30700-1207	31389-1207	POLARIZATION OPTION #1	20	30.69	22.86	12.35	17.79	GRAY	36.5	12.57	31.14
30700-1208	31389-1208	POLARIZATION OPTION #2	20	30.69	22.86	15.35	17.79	BLACK	36.5	15.57	31.14
30700-1209	31389-1209	POLARIZATION OPTION #3	20	30.69	22.86	18.35	17.79	NATURAL (CREAM)	36.5	18.57	31.14
30700-1187	31389-1187	POLARIZATION OPTION #1	18	28.15	20.32	11.08	17.79	GRAY	34.0	11.31	28.60
30700-1188	31389-1188	POLARIZATION OPTION #2	18	28.15	20.32	14.08	17.79	BLACK	34.0	14.31	28.60
30700-1189	31389-1189	POLARIZATION OPTION #3	18	28.15	20.32	17.08	17.79	NATURAL (CREAM)	34.0	17.31	28.60
30700-1167	31389-1167	POLARIZATION OPTION #1	16	25.61	17.78	9.81	17.79	GRAY	32.0	10.04	26.06
30700-1168	31389-1168	POLARIZATION OPTION #2	16	25.61	17.78	12.81	17.79	BLACK	32.0	13.04	26.06
30700-1169	31389-1169	POLARIZATION OPTION #3	16	25.61	17.78	15.81	17.79	NATURAL (CREAM)	32.0	16.04	26.06
30700-1147	31389-1147	POLARIZATION OPTION #1	14	23.07	15.24	8.54	17.79	GRAY	30.0	8.77	23.52
30700-1148	31389-1148	POLARIZATION OPTION #2	14	23.07	15.24	11.54	17.79	BLACK	30.0	11.77	23.52
30700-1149	31389-1149	POLARIZATION OPTION #3	14	23.07	15.24	14.54	17.79	NATURAL (CREAM)	30.0	14.77	23.52
30700-1120	31389-1120	POLARIZATION OPTION #1	12	20.53	12.70	7.25	17.98	GRAY	27.5	7.50	20.98
30700-1121	31389-1121	POLARIZATION OPTION #2	12	20.53	12.70	10.27	17.98	BLACK	27.5	10.50	20.98
30700-1122	31389-1122	POLARIZATION OPTION #3	12	20.53	12.70	13.27	17.98	NATURAL (CREAM)	27.5	13.50	20.98
30700-1100	31389-1100	POLARIZATION OPTION #1	10	17.99	10.16	6.00	17.98	GRAY	26.4	6.23	18.44
30700-1101	31389-1101	POLARIZATION OPTION #2	10	17.99	10.16	9.00	17.98	BLACK	26.4	9.23	18.44
30700-1102	31389-1102	POLARIZATION OPTION #3	10	17.99	10.16	12.00	17.98	NATURAL (CREAM)	26.4	12.23	18.44
30700-1080	31389-1080	POLARIZATION OPTION #1	8	15.45	7.62	4.73	17.98	GRAY	25.5	4.96	15.90
30700-1081	31389-1081	POLARIZATION OPTION #2	8	15.45	7.62	7.73	17.98	BLACK	25.5	7.96	15.90
30700-1082	31389-1082	POLARIZATION OPTION #3	8	15.45	7.62	10.73	17.98	NATURAL (CREAM)	25.5	10.96	15.90
30700-1060	31389-1060	POLARIZATION OPTION #1	6	15.44	5.08	3.46	17.98	GRAY	25.5	3.69	13.36
30700-1061	31389-1061	POLARIZATION OPTION #2	6	15.44	5.08	6.46	17.98	BLACK	25.5	6.69	13.36
30700-1062	31389-1062	POLARIZATION OPTION #3	6	15.44	5.08	9.46	17.98	NATURAL (CREAM)	25.5	9.69	13.36

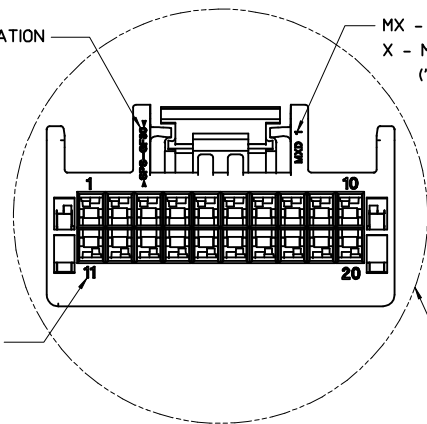


MATERIAL IDENTIFICATION
SYMBOL

MX - VENDOR IDENTIFICATION (MOLEX)
X - MANUFACTURING LOCATION
(N' FOR LINCOLN, D' FOR AUBURN HILLS)

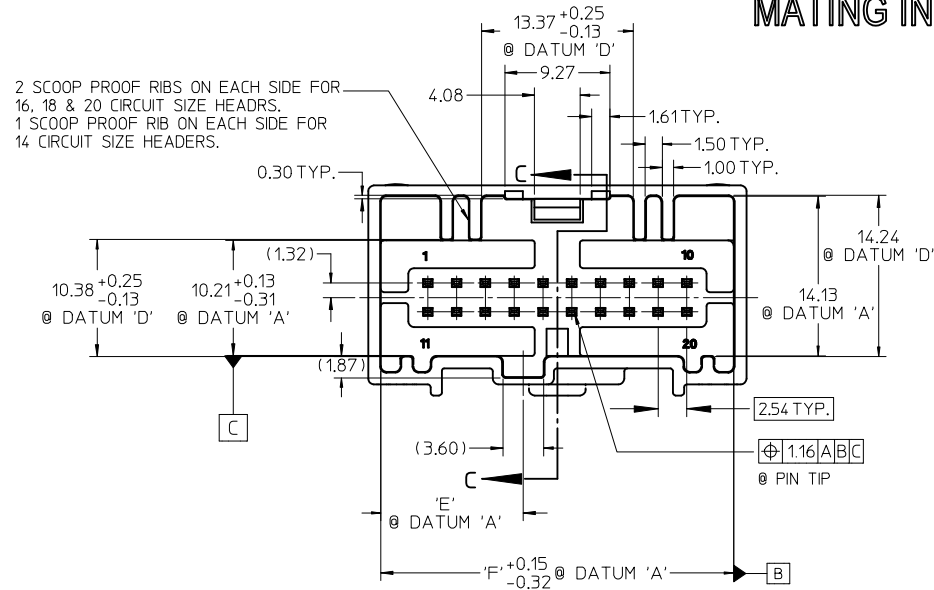
CIRCUIT NUMBER
IDENTIFICATION

SEE CHART FOR MINIMUM
FEED THROUGH DIAMETER
(1MM CLEARANCE ALL AROUND)

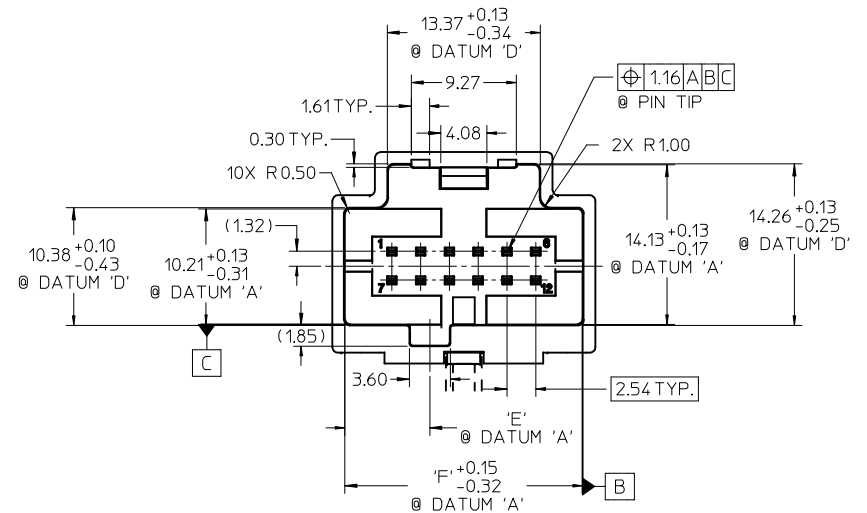


EC NO: UAU2008-0514 DRWN:BDICK01 2008/09/24 CHKD:MBAILLEY 2008/09/24 APPR:SMARCEA08/09/25		QUALITY SYMBOLS 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY		
DESCRIPTION D	mm INCH		DIMENSION STYLE MM ONLY		TITLE 6-20 CIRCUIT HARNESS ASSEMBLY						
	4 PLACES		± --- ± ---	DRAWN BY RCARLSON		DATE 01/03/23		MOLEX MOLEX INCORPORATED			
	3 PLACES		± --- ± ---	CHECKED BY CKRISHNA		DATE 01/03/27					
	2 PLACES		± 0.13 ± ---	APPROVED BY LGEIB		DATE 01/03/28					
1 PLACE	± 0.25 ± ---	ANGULAR ±1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-30700-120		SHEET NO. 2 OF 3			
DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
REV					C						

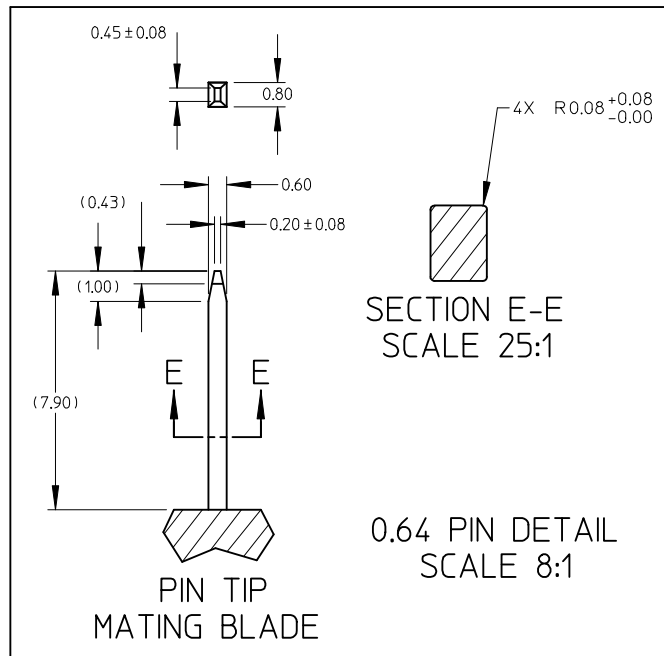
MATING INTERFACE DIMENSIONS (REFERENCE ONLY)



ABOVE VIEW APPLY TO 14, 16, 18 & 20 CIRCUIT ONLY

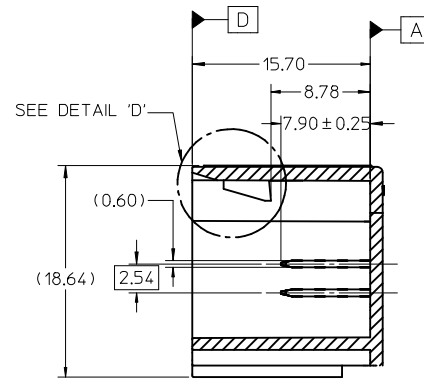


ABOVE VIEW APPLY TO 6, 8, 10 & 12 CIRCUIT ONLY

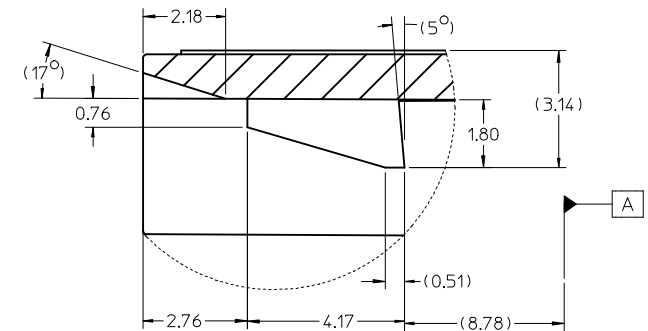


SECTION E-E
SCALE 25:1

0.64 PIN DETAIL
SCALE 8:1



SECTION C-C



DETAIL 'D'
SCALE 10:1

EC NO: UAU2008-0514 DRWN: BDICK01 2008/09/24 CHK: SWARCE 2008/09/24 APPR: MKNACK 2008/09/25	QUALITY SYMBOLS ▼ 0 ▽ 0	DESCRIPTION REV D	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></table> ANGULAR ± 1/2 °		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
					mm	INCH																
				4 PLACES	± ---	± ---																
				3 PLACES	± ---	± ---																
				2 PLACES	± 0.13	± ---																
1 PLACE	± 0.25	± ---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DIMENSION STYLE MM ONLY		6-20 CIRCUIT HARNESS ASSEMBLY																	
			DRAWN BY DATE RCARLSON01/03/23																			
			CHECKED BY DATE CKRISHNA 01/03/27		MOLEX INCORPORATED																	
			APPROVED BY DATE LGEIB 01/03/28				MATERIAL NO.	DOCUMENT NO. SD-30700-120	SHEET NO. 3 OF 3													
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					C														