This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0307001148
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 2, Black



Series image - Reference only

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 2
Overview	hdac_64_dualrow_high_density_automotive_connectors
Product Name	H-DAC 64™

Physical

Circuits (maximum)	14
Color - Resin	Black, 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
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
30700Series

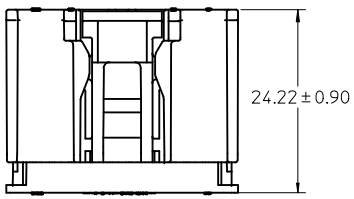
Mates With
30700 Header, 30968 Crimp Housing

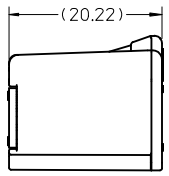
Use With
34230 Terminal

This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

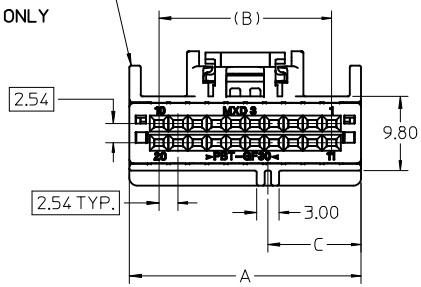
CONNECTORS WITHOUT BRIDGE OPTION



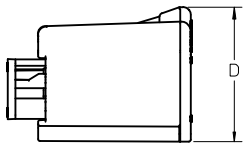


TPS SHOWN IN FULLY SEATED POSITION

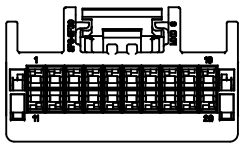
SCOOP PROOF RIBS
FOR CIRCUIT SIZES
14 THROUGH 20 ONLY



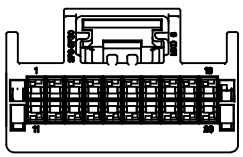
20 CIRCUIT HARNESS
ASSEMBLY SHOWN

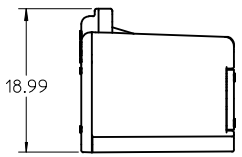


WITH TPA IN PRE-LOAD
(AS SHIPPED)

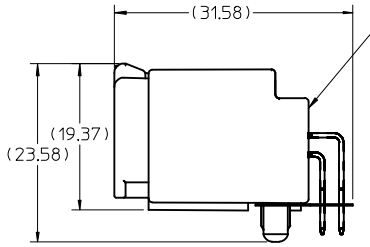


CONNECTORS WITH BRIDGE OPTION

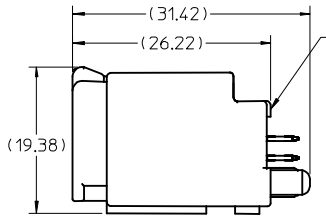




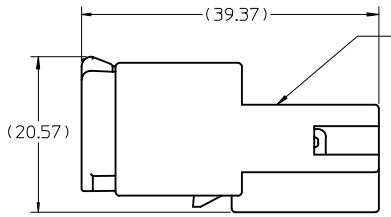
20 CIRCUIT HARNESS
ASSEMBLY SHOWN



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
CH'KD:MBAILEY 2008/09/24
APPR:SMARCEAU 2008/09/25
DESCRIPTION
REV
D

QUALITY SYMBOLS
▼ - 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	RCARLSON
DATE	01/03/23
CHECKED BY	CKRISHNA
DATE	01/03/27
APPROVED BY	LGEIB
DATE	01/03/28
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-30700-120
SHEET NO.	1 OF 3

THIRD ANGLE PROJECTION
REVISE ON CAD ONLY

TITLE
6-20 CIRCUIT
HARNESS ASSEMBLY

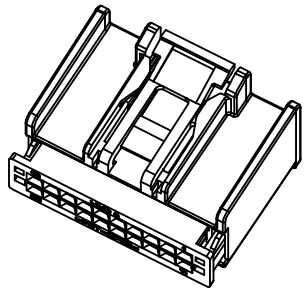
MOLEX INCORPORATED

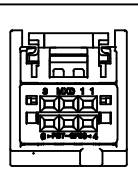
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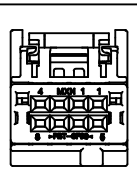
tb_frame_C-B1
rev. B1 2000/08/01

ASSEMBLY PART NUMBER		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS					PASS THRU HOLE DIA FOR HARNESS	MATING INTERFACE DIMENSIONS	
WITHOUT BRIDGE	WITH BRIDGE	HARNESS ASSEMBLY (POLARZIATION 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

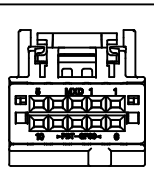




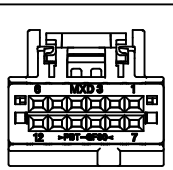
6 CIRCUIT (30700-1060)



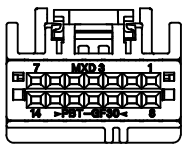
8 CIRCUIT (30700-1080)



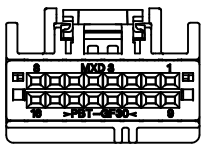
10 CIRCUIT (30700-1100)



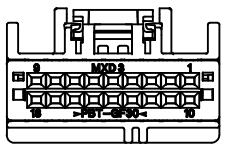
12 CIRCUIT (30700-1120)



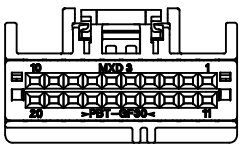
14 CIRCUIT (30700-1147)



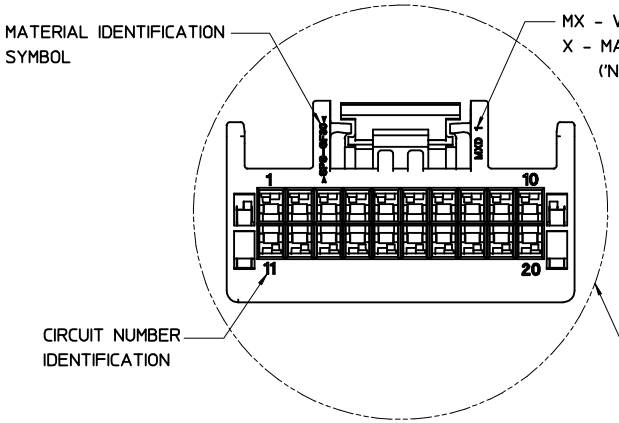
16 CIRCUIT (30700-1167)



18 CIRCUIT (30700-1187)



20 CIRCUIT (30700-1207)



EC NO: UAU2008-0514
DRWN:BDICK01 2008/09/24
CH'KD:MBAILEY 2008/09/24
APPR:SMARCEAU 2008/09/25
DESCRIPTION
D
REV

QUALITY SYMBOLS
▼ - 0
Ⓒ - 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

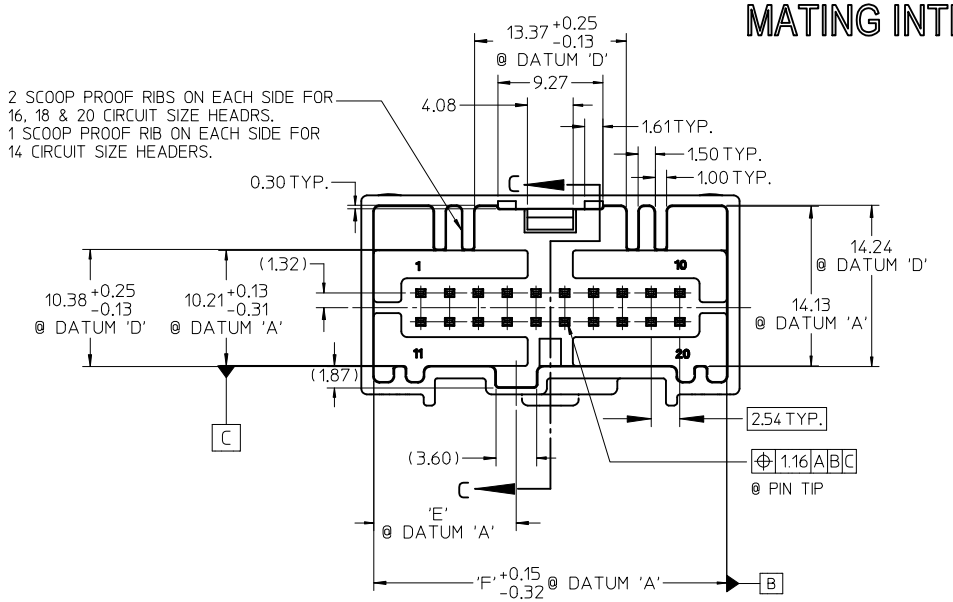
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY
DRAWN BY RCARLSON DATE 01/03/23
CHECKED BY CKRISHNA DATE 01/03/27
APPROVED BY LGEIB DATE 01/03/28
TITLE: 6-20 CIRCUIT HARNESS ASSEMBLY
MOLEX INCORPORATED
MATERIAL NO. SEE CHART | DOCUMENT NO. SD-30700-120 | SHEET NO. 2 OF 3

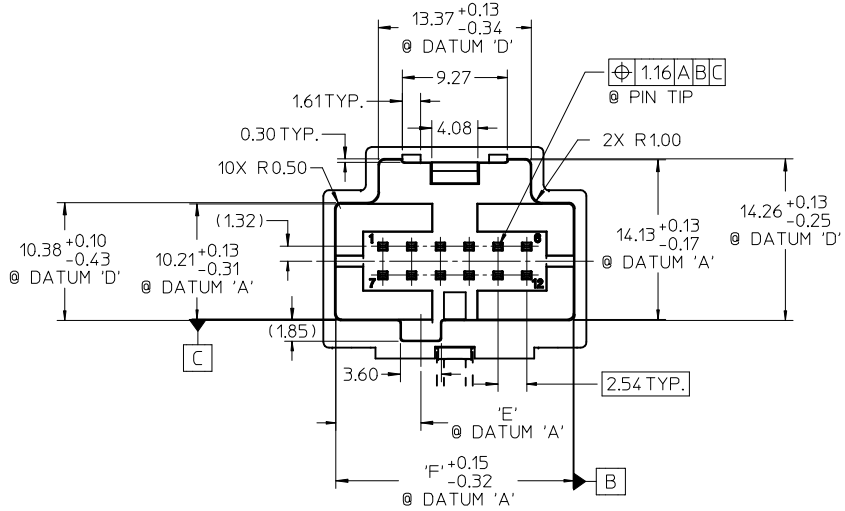
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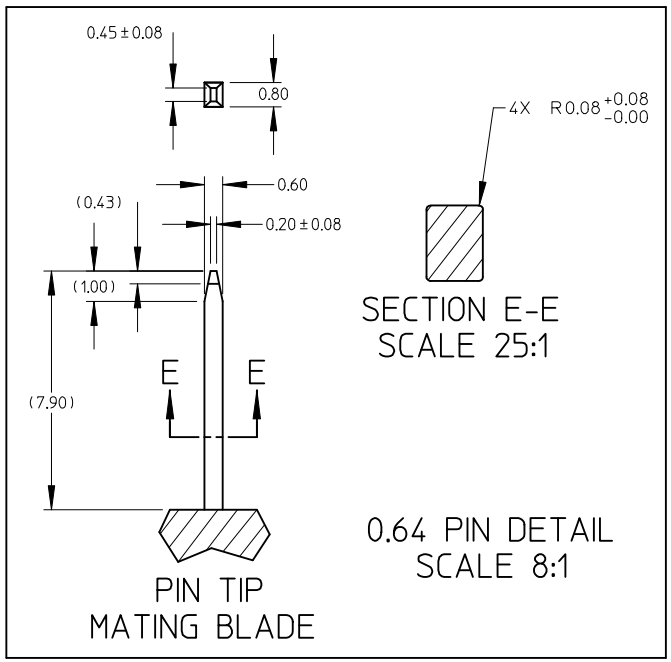
MATING INTERFACE DIMENSIONS (REFERENCE ONLY)



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

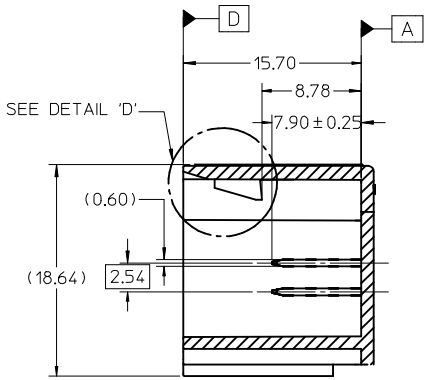


ABOVE VIEW APPLY TO 6, 8, 10 & 12 CIRCUIT ONLY

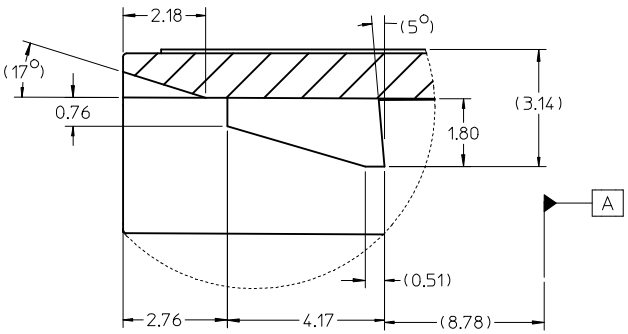


SECTION E-E
SCALE 25:1

0.64 PIN DETAIL
SCALE 8:1



SECTION C-C



DETAIL 'D'
SCALE 10:1

EC NO: UAU2008-0514 DRWN: BDICK01 2008/09/24 CH'K: SMARCEA 2008/09/24 APPR: MKNACK 2008/09/25	QUALITY SYMBOLS ▼ - 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 1:1	DESGIN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
			DIMENSION STYLE MM ONLY		6-20 CIRCUIT HARNESS ASSEMBLY		
			DRAWN BY DATE RCARLSON 01/03/23				
			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	
REV D DESCRIPTION			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				C