

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0307001102

Status:

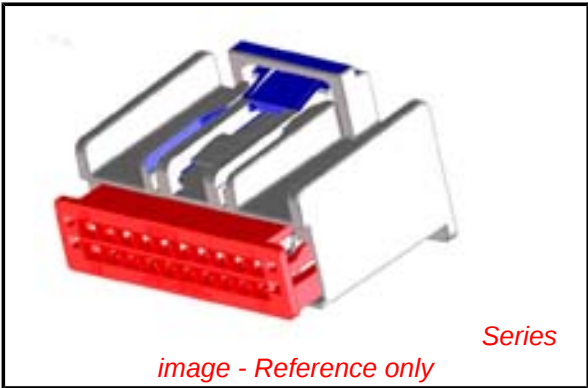
Active

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, 10 Circuits, Polarization Option 3, Natural



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)	10
Color - Resin	Natural
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene
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

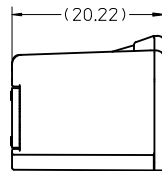
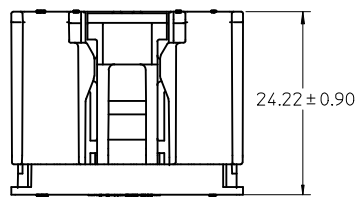
30700 Header, 30968 Crimp Housing

Use With

34230 Terminal

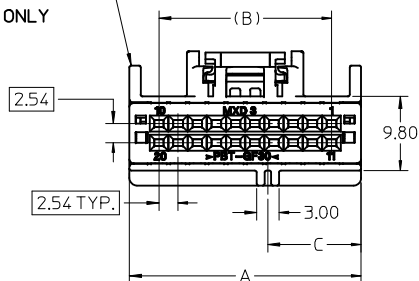
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

CONNECTORS WITHOUT BRIDGE OPTION

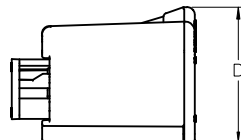


TPS SHOWN IN FULLY SEATED POSITION

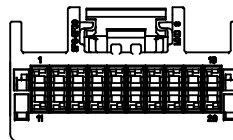
SCOOP PROOF RIBS
FOR CIRCUIT SIZES
14 THROUGH 20 ONLY



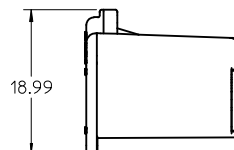
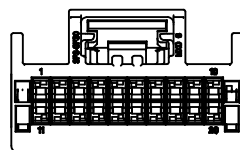
20 CIRCUIT HARNESS
ASSEMBLY SHOWN



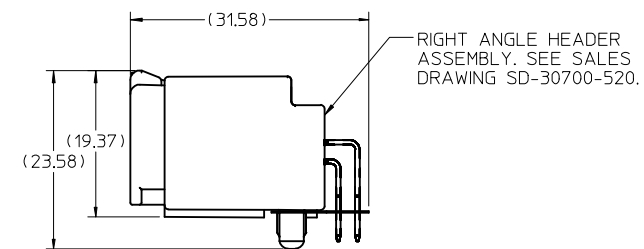
WITH TPA IN PRE-LOAD
(AS SHIPPED)



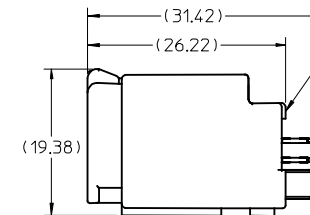
CONNECTORS WITH BRIDGE OPTION



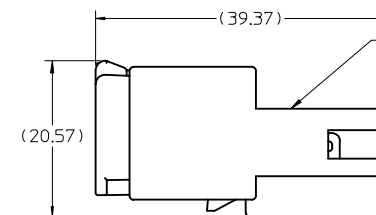
20 CIRCUIT HARNESS
ASSEMBLY SHOWN



MATED VIEW



MATED VIEW



MATED VIEW

NOTES:

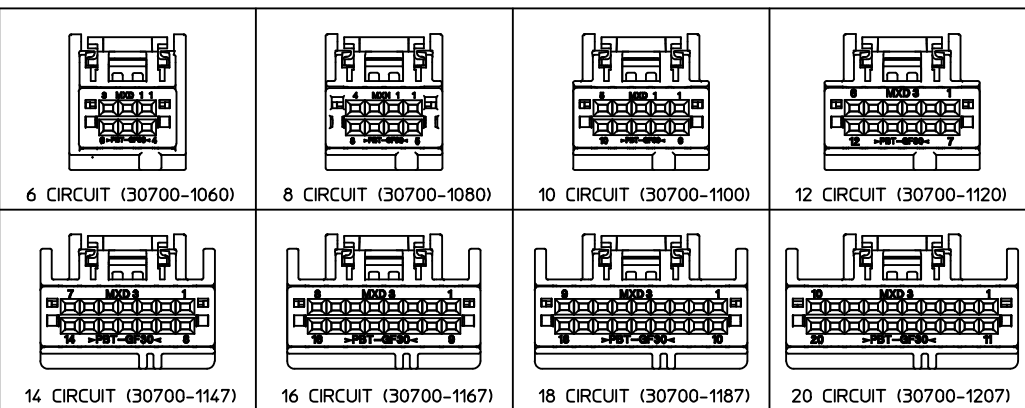
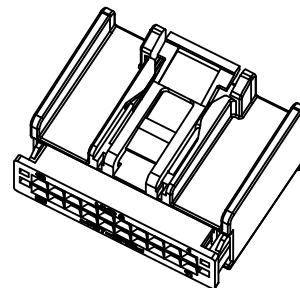
1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART.
TPA: PBT, GLASS FILLED, COLOR: RED.
2. PRODUCT SPECIFICATION: PS-30700-0001
3. PACKAGING SPECIFICATION: PK-30907-417
4. MATES WITH: SERIES 30700 & 30968, SEE SALES DRAWINGS
SD-30700-520, SD-30700-420 & SD-30968-120.

EC NO: UAU2008-0514 DRWN:BDICK01 2008/09/24 CHKD:MBALEY 2008/09/24 APPR:SMARCEA2008/09/25	DESCRIPTION	QUALITY SYMBOLS ▽ - 0 ▽ - 0	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 RCARLSON						DATE 01/03/23
			3 PLACES ± ---	± ---	CHECKED BY CKRISHNA		DATE 01/03/27	MOLEX INCORPORATED			
			2 PLACES ± 0.13	± ---	APPROVED BY LGEIB		DATE 01/03/28				
			1 PLACE ± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
			ANGULAR ±1/2°								

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

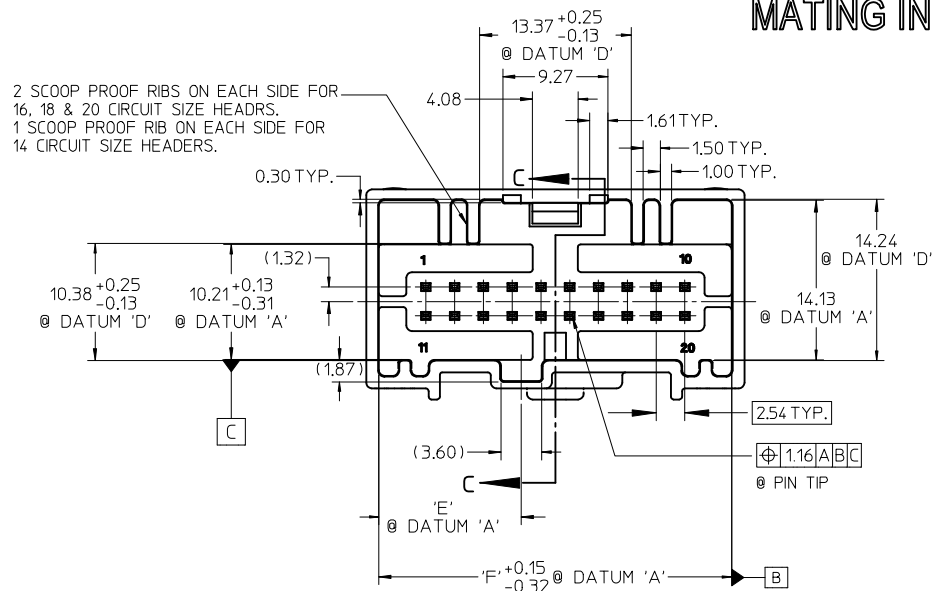
C

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

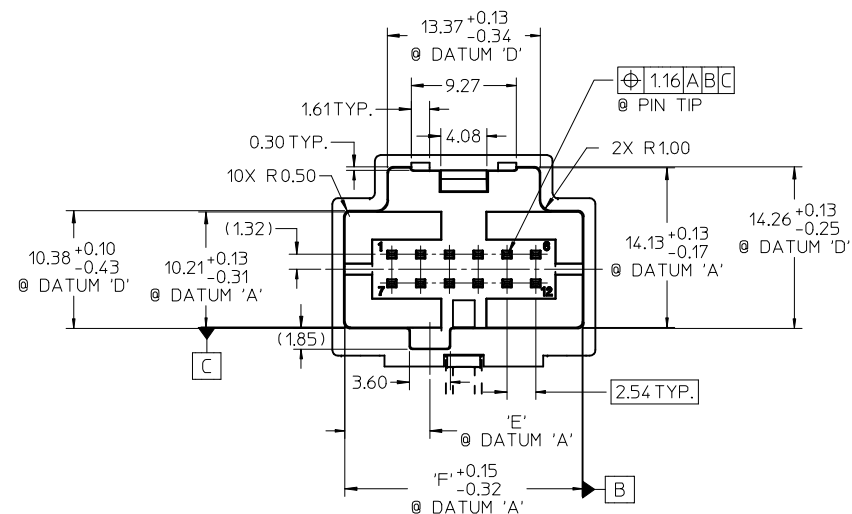
MATERIAL IDENTIFICATION
SYMBOLMX - VENDOR IDENTIFICATION (MOLEX)
X - MANUFACTURING LOCATION
('N' FOR LINCOLN, 'D' FOR AUBURN HILLS)CIRCUIT NUMBER
IDENTIFICATIONSEE CHART FOR MINIMUM
FEED THROUGH DIAMETER
(1MM CLEARANCE ALL AROUND)

EC NO: UAU2008-0514 DRWN:BDICK01 2008/09/24 CHKD:MBAILLEY 2008/09/24 APPR: SMARCEA008/09/25	DESCRIPTION	QUALITY SYMBOLS ▽ - 0 C - 0	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 ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY RCARLSON	DATE 01/03/23				
			2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY CKRISHNA	DATE 01/03/27	MOLEX MOLEX INCORPORATED			
			ANGULAR ±1/2°		APPROVED BY LGEIB	DATE 01/03/28				
D	REV		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					

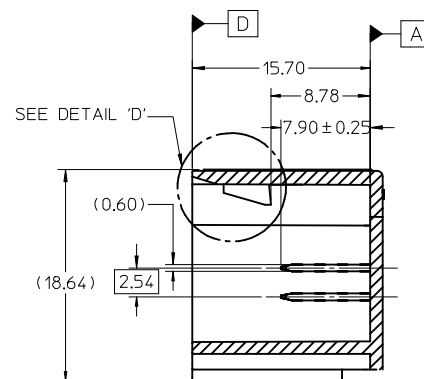
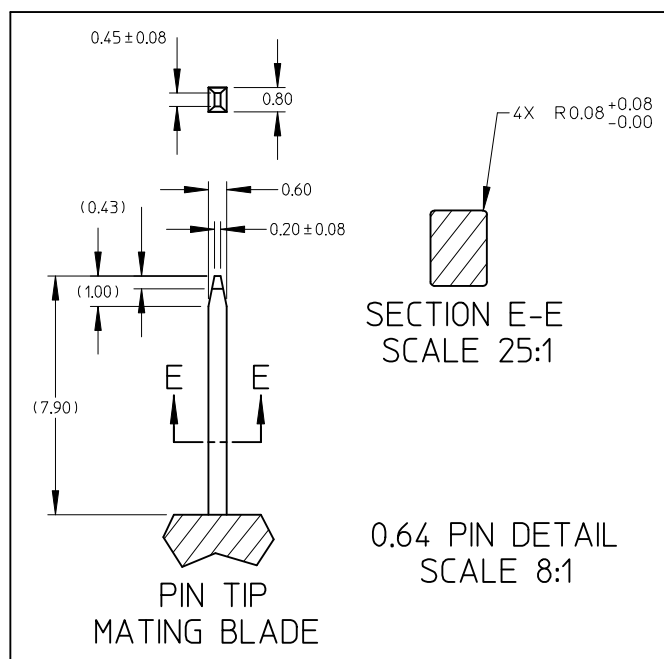
MATING INTERFACE DIMENSIONS (REFERENCE ONLY)



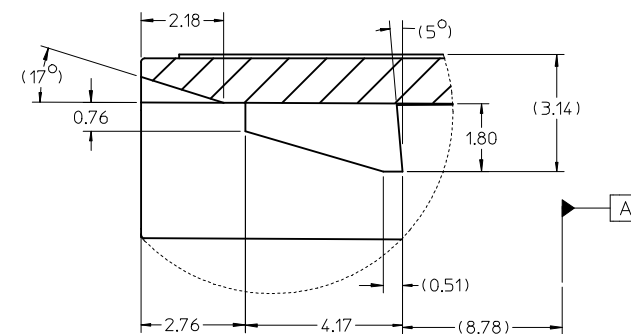
ABOVE VIEW APPLY TO 14, 16, 18 & 20 CIRCUIT ONLY



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



SECTION C-C



DETAIL 'D'
SCALE 10:1

EC NO: UAU2008-0514 DRWN: BDC001 2008/09/24 CHK: SWARE 2008/09/24 APPR: MKNACK 2008/09/25	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
		 - 0  - 0		mm	INCH	DIMENSION STYLE		6-20 CIRCUIT HARNESS ASSEMBLY		
			4 PLACES ± ---	± ---	MM ONLY					
			3 PLACES ± ---	± ---	DRAWN BY DATE		MOLEX MOLEX INCORPORATED			
			2 PLACES ± 0.13	± ---	RCARLSON01/03/23					
			1 PLACE ± 0.25	± ---	CHECKED BY DATE					MATERIAL NO. DOCUMENT NO. SHEET NO. LGEIB 01/03/28 SD-30700-120 3 OF 3
			ANGULAR ± 1/2 °		CKRISHNA 01/03/27					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPROVED BY DATE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				