This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0309681100

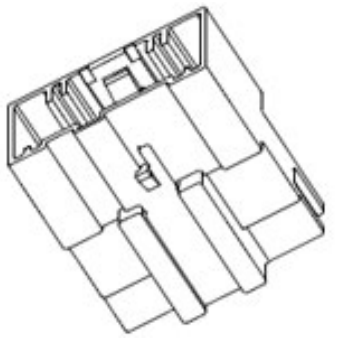
Status: Active

Overview: hdac_64_dualrow_high_density_automotive_connectors

Description: 2.54mm (.100") Pitch, 0.64mm (.025") Width H-DAC 64™ High Density Automotive Crimp Housing, Dual Row, 10 Circuits, Polarization Option #1, Gray

Documents:

Application Specification (PDF)
Drawing (PDF)
Product Specification PS-30968-0001 (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	Crimp Housings
Series	30968
Comments	Polarization Option #1
Overview	hdac_64_dualrow_high_density_automotive_connectors
Product Name	H-DAC 64™

Physical

Circuits (maximum)	10
Circuits Detail	10
Color - Resin	Gray
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	None
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-30907-760
Product Specification	PS-30968-0001
Sales Drawing	SD-30968-120

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.

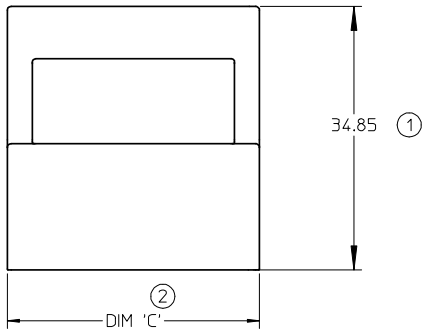
Search Parts in this Series
30968Series

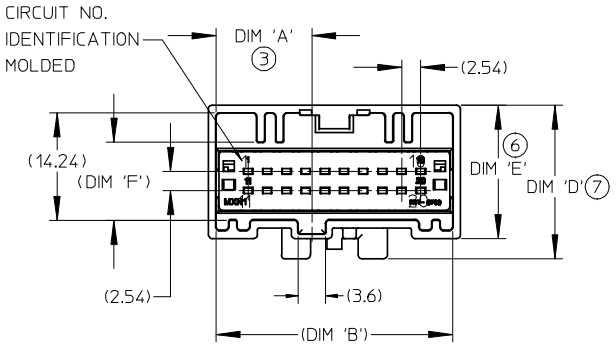
Mates With
30700-1***|31389-1***

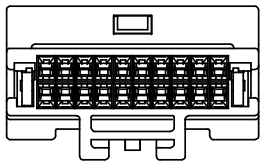
Use With
34230 Terminal

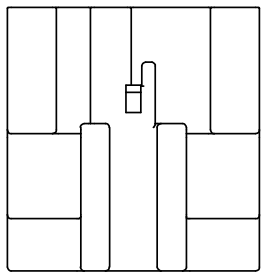
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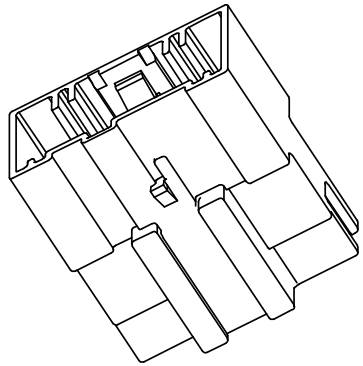
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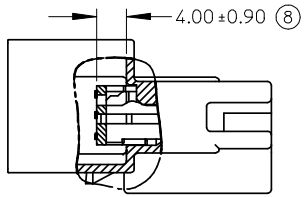




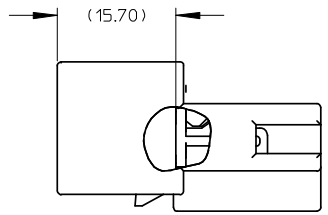


TPA SHOWN FOR ALL CIRCUIT COUNTS

TPA SHOWN IN PRE-LOCK POSITION



TPA SHOWN IN MATED POSITION



20 CIRCUIT MALE INLINE

HARNESS ASSEMBLY SHOWN.

NOTES:

1. MATERIAL: HOUSING: SPS GLASS FILLED, COLOR SEE CHART. TPA: PBT.
2. PACKAGING SPECIFICATION: DRAWING PK-30907-760
3. PACKAGING: REFERENCE MOLEX SPECIFICATION PS-34646-001. AVAILABLE AT WWW.MOLEX.COM (REFERENCE: TPA'S THAT ARE FOUND IN SEATED (FINAL LOCK) POSITION.)
4. MATES WITH: SEE SALES DRAWING SD-30700-120
5. CONNECTOR IS DESIGNED FOR USE WITH TYCO TERMINAL PART NUMBERS: 1419158-6(22-24 AWG) AND 1419158-5 (18-20 AWG).

REV	DESCRIPTION	EC NO	DRWN	CH'KD	APPR	DATE
F		UAU2007-0766	BDICK01		SMARCEAU	2008/01/23 2008/01/23 2008/01/24

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	JKSIAK
DATE	99/09/03
CHECKED BY	LGEIB
DATE	99/10/28
APPROVED BY	BWILSON
DATE	99/10/28

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

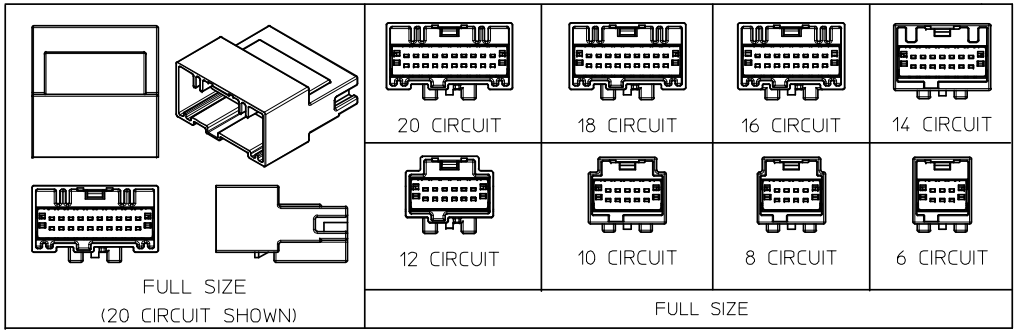
TITLE: SLEEVE ASSEMBLY WIRE CONNECTOR MALE

MOLEX INCORPORATED

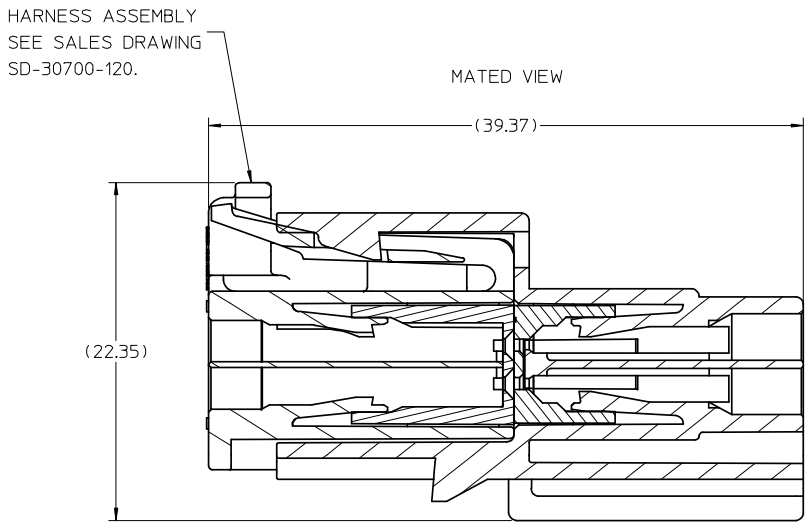
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-30968-120	1 OF 2

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PACKAGING	POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS						
ASSEMBLY P/N BULK PACKED	MALE INLINE HARNESS ASSEMBLY (POLARZIATION OPTIONS)	CIRCUIT SIZE	'A'	'B'	'C'	'D'	'E'	'F'	HOUSING COLOR
30968-1060	POLARIZATION OPTION #1	6	3.76	13.51	15.61	19.78	17.58	10.37	GRAY
30968-1061	POLARIZATION OPTION #2	6	6.76	13.51	15.61	19.78	17.58	10.37	BLACK
30968-1062	POLARIZATION OPTION #3	6	9.76	13.51	15.61	19.78	17.58	10.37	NATURAL (CREAM)
30968-1080	POLARIZATION OPTION #1	8	5.03	16.05	18.05	19.78	17.58	10.38	GRAY
30968-1081	POLARIZATION OPTION #2	8	8.03	16.05	18.05	19.78	17.58	10.38	BLACK
30968-1082	POLARIZATION OPTION #3	8	11.03	16.05	18.05	19.78	17.58	10.38	NATURAL (CREAM)
30968-1100	POLARIZATION OPTION #1	10	6.30	18.59	20.69	19.78	17.58	10.37	GRAY
30968-1101	POLARIZATION OPTION #2	10	9.30	18.59	20.69	19.78	17.58	10.37	BLACK
30968-1102	POLARIZATION OPTION #3	10	12.30	18.59	20.69	19.78	17.58	10.37	NATURAL (CREAM)
30968-1123	POLARIZATION OPTION #1 W/ CHRISTMAS TREE ATTACHMENT	12	7.57	20.98	23.23	20.34	17.64	10.34	GRAY
30968-1127	POLARIZATION OPTION #1	12	7.57	21.28	23.23	20.34	17.64	10.34	GRAY
30968-1126	POLARIZATION OPTION #2 W/ CHRISTMAS TREE ATTACHMENT	12	10.57	20.98	23.23	20.34	17.64	10.34	BLACK
30968-1128	POLARIZATION OPTION #2	12	10.57	21.28	23.23	20.34	17.64	10.34	BLACK
30968-1129	POLARIZATION OPTION #3	12	13.57	21.28	23.23	20.34	17.64	10.34	NATURAL (CREAM)
30968-1140	POLARIZATION OPTION #1	14	8.84	23.67	25.77	19.78	17.58	10.37	GRAY
30968-1141	POLARIZATION OPTION #2	14	11.84	23.67	25.77	19.78	17.58	10.37	BLACK
30968-1142	POLARIZATION OPTION #3	14	14.84	23.67	25.77	19.78	17.58	10.37	NATURAL (CREAM)
30968-1167	POLARIZATION OPTION #1	16	10.11	26.36	28.31	20.34	17.64	10.34	GRAY
30968-1164	POLARIZATION OPTION #1 W/ CHRISTMAS TREE ATTACHMENT	16	10.11	26.06	28.31	20.34	17.64	10.34	GRAY
30968-1168	POLARIZATION OPTION #2	16	13.11	26.36	28.31	20.34	17.64	10.34	BLACK
30968-1169	POLARIZATION OPTION #3	16	16.11	26.36	28.31	20.34	17.64	10.34	NATURAL (CREAM)
30968-1187	POLARIZATION OPTION #1	18	11.38	28.90	30.85	20.34	17.64	10.34	GRAY
30968-1188	POLARIZATION OPTION #2	18	14.38	28.90	30.85	20.34	17.64	10.34	BLACK
30968-1189	POLARIZATION OPTION #3	18	17.38	28.90	30.85	20.34	17.64	10.34	NATURAL (CREAM)
30968-1207	POLARIZATION OPTION #1	20	12.65	31.44	33.39	20.34	17.64	10.34	GRAY
30968-1208	POLARIZATION OPTION #2	20	15.65	31.44	33.39	20.34	17.64	10.34	BLACK
30968-1209	POLARIZATION OPTION #3	20	18.65	31.44	33.39	20.34	17.64	10.34	NATURAL (CREAM)



SECTION B-B

SEE ECN# UAU2001-0258
EC NO: UAU2007-0766 2008/01/23
DRWN:BDICK01 2008/01/23
CH'KD:
APPR: SMARCEAU 2008/01/24
DESCRIPTION
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
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY
TITLE SLEEVE ASSEMBLY WIRE CONNECTOR MALE
DRAWN BY JKSIAK DATE 99/09/03
CHECKED BY LGEIB DATE 99/10/28
MOLEX INCORPORATED
APPROVED BY BWILSON DATE 99/10/28
MATERIAL NO. SEE CHART
DOCUMENT NO. SD-30968-120
SHEET NO. 2 OF 2

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rev. B1 2000/08/01