



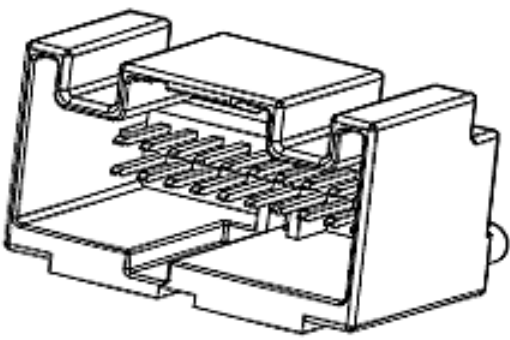
产品编号：[307004080](#)

Product Description：2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Vertical, 8 Circuits, Polarization Option 1, Gray, Tray

系列号：30700

状态：Active

Product Category：PCB Headers and Receptacles



文件和资源

图纸

[图纸 307004080_sd.pdf](#)

[包装设计图 PK-30907-260-001.pdf](#)

3D 模型和设计文件

[3D模型 307004080_stp.zip](#)

规格

[产品规格 PS-30700-0001-001.pdf](#)

[测试摘要 TS-30700-0001-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Duty-To-Declare
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[多部分产品合规性声明](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[多部分行业合规性文件](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	PCB Headers and Receptacles
系列	30700
说明	2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Vertical, 8 Circuits, Polarization Option 1, Gray, Tray
应用	Automotive, Power, Wire-to-Board
个评论	Polarization Option 1
元件类型	PCB Header
产品系列	H-DAC 64 Unsealed Connector System
产品名称	H-DAC 64
UPC	800756066646

电气

每触点最大电流	7.0A
电压 - 最大	500V DC

物理

断开	否
回路数（已载入）	8
电路数（最多）	8
颜色-树脂	灰色
耐用性(插拔次数) - 最多次数	10
先接后断	否
符合灼热丝规范	否
可配插产品指南	否

插接极性	无
锁定插接部位	是
材料 - 金属	Copper
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Nickel
材料 - 树脂	Modified Polystyrene
净重	3.860/g
行数	2
方向	垂直
包装形式	Tray
PC 焊脚长度	3.69mm
PCB 定位器	是
PCB 保持力	是
推荐的 PCB 厚度	1.57mm
间距 - 插配接口	2.54mm
有极性的插配件	是
PCB 极性	是
有护墙的	Fully
可堆叠的	否
运行温度范围	-40° to +100° C
终端界面类型	Through Hole

进程

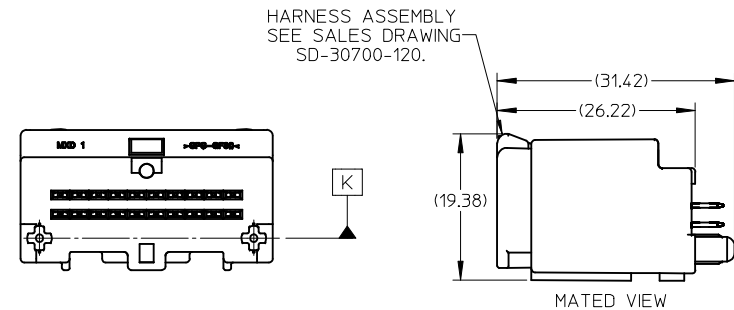
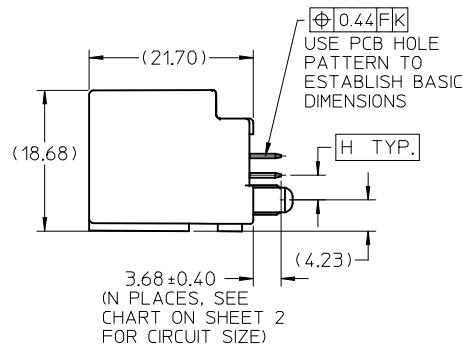
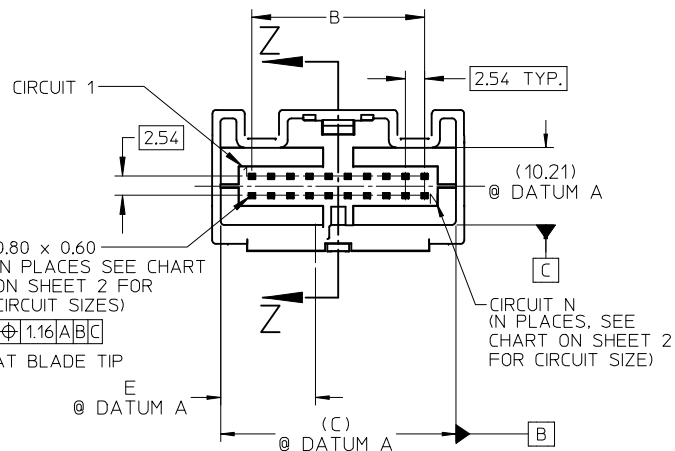
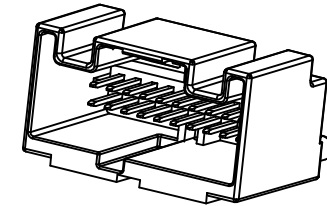
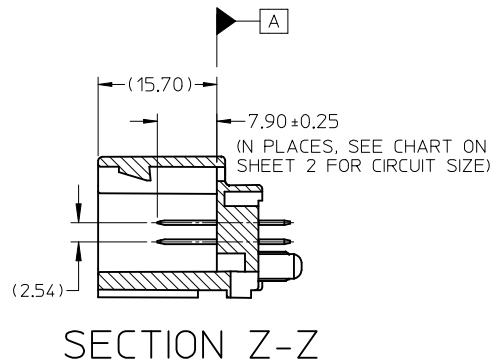
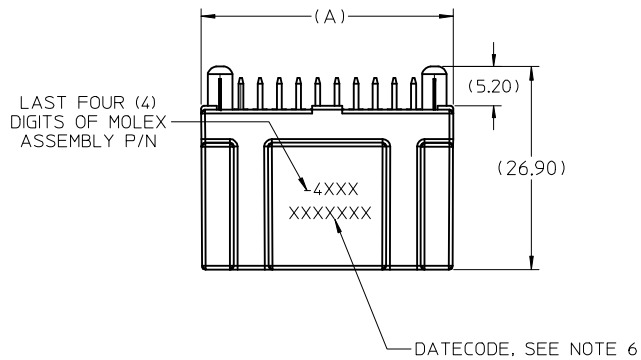
最长持续时间	40
无铅	SMC&WAVE
最大周期	3
最高温度	260

可配插/可连接使用的产品

可配插部件

描述	产品编号
2.54mm Pitch, 0.64mm Width H-DAC 64 High Density Automotive Connectors, Dual Row, Female Harness Assembly, 8 Circuits, Polarization Option 1, Gray	<u>0307001080</u>

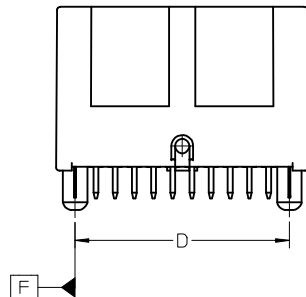
This document was generated on Jan 30, 2024



NOTES:

1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART.
TERMINAL: COPPER ALLOY C26000.
2. FINISHES: TERMINAL: 150-250µm TIN (Sn) OVERALL;
125µm MIN NICKEL (Ni) UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-30700-0001
4. PACKAGING SPECIFICATION: TUBE: PK-30907-227, TRAY: PK-30907-260
5. MATES WITH: SERIES 30700, SEE SALES DRAWING SD-30700-120.
6. DATECODE DESCRIPTION:
 - 1ST DIGIT: MACHINE ID#
 - 2ND THROUGH 4TH DIGIT: DAY # OF THE CALENDAR YEAR
(EXAMPLE: FEB, 3RD = "034")
 - 5TH DIGIT: LAST DIGIT OF THE CALENDAR YEAR
(EXAMPLE: 1999 = "9")
 - 6TH THROUGH 7TH DIGIT: HOUR OF THE DAY.
7. RECOMMENDED OPTIONAL SCREW: M2 x 0.89, 6mm IN LENGTH, PAN
COLLAR HEAD, 6 LOBE,
TORQUE: 7 NEWTON CENTIMETERS

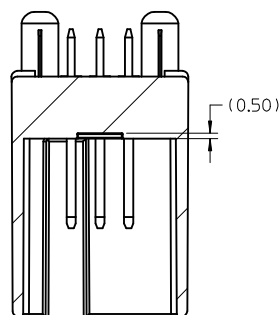
20 CIRCUIT VERTICAL HEADER
ASSEMBLY SHOWN



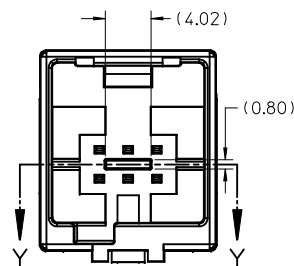
SEE ECN# UAU2001-0258 EC NO: UAU2017-0902 DRWN: JFISCHER02017/04/04 CHKD: APPR: RBAUMAN 2017/04/13	QUALITY SYMBOLS DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 2:1		DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
			DIMENSION STYLE MM ONLY		TITLE		6-20 CIRCUIT VERTICAL HEADER ASSEMBLY	
			DRAWN BY RCARLSON		DATE 01/03/20		MOLEX INCORPORATED	
			CHECKED BY CKRISHNA		DATE 01/03/27		ENTER-PART SD-30700-420	
E4	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY LGEIB		DATE 01/03/28	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 3
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

12 11 10 9 8 7 6 5 4 3 2 30700

BELOW VIEWS APPLY TO
30700-4067/8/9 PART NUMBERS

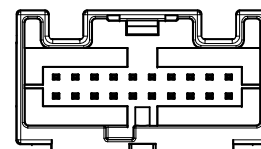
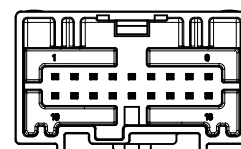
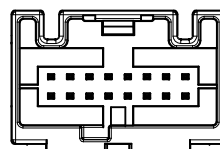
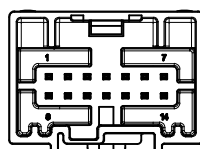
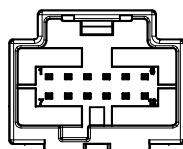
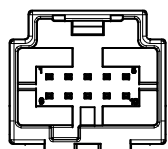
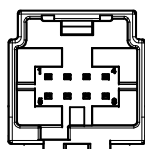
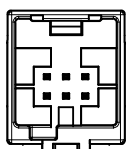


SECTION Y-Y
SCALE 3:1

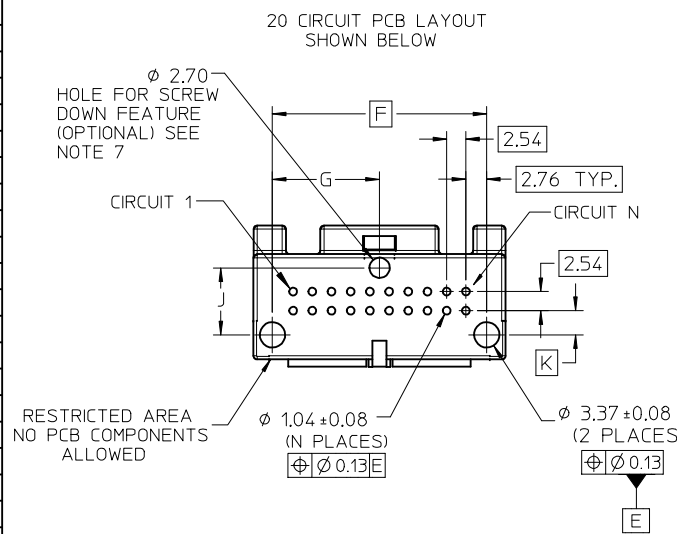


EC NO: UAU2017-0902 DRWN: JFISCHER02017/04/04 CHKD: APPR: RBAUMAN 2017/04/13	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
				mm	INCH	DIMENSION STYLE		TITLE 6-20 CIRCUIT VERTICAL HEADER ASSEMBLY			
			4 PLACES	± ---	± ---	MM ONLY					
			3 PLACES	± ---	± ---	DRAWN BY	DATE	MOLEX INCORPORATED			
			2 PLACES	± 0.13	± ---	RCARLSON	01/03/20				
	1 PLACE	± 0.25	± ---	CHECKED BY	DATE	MATERIAL NO. DOCUMENT NO. SHEET NO. ENTER-PART SD-30700-420 2 OF 3					
	ANGULAR ± 1 °			CKRISHNA	01/03/27						
	DRAFT WHERE APPLICABLE			APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	MUST REMAIN WITHIN DIMENSIONS			LGEIB	01/03/28						

11 10 9 8 7 6 5 4 3 2 1



PACKAGING		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS							
ASSEMBLY P/N TRAY PACKED	ASSEMBLY P/N TUBE PACKED	VERTICAL HEADER ASSEMBLY (POLARZIATION OPTIONS)	CIRCUIT SIZE	(A)	B	(C)	D	E	H	HOUSING COLOR	STATUS
30700-4200	30700-4204	POLARIZATION OPTION #1	20	33.38	22.86	31.14	28.38	12.57	3.20	GRAY	RELEASED
30700-4201	30700-4205	POLARIZATION OPTION #2	20	33.38	22.86	31.14	28.38	15.57		BLACK	RELEASED
30700-4202	30700-4206	POLARIZATION OPTION #3	20	33.38	22.86	31.14	28.38	18.57		NATURAL (CREAM)	RELEASED
30700-4187	---	POLARIZATION OPTION #1	18	30.84	20.32	28.60	25.84	11.31	3.25	GRAY	RELEASED
30700-4188	---	POLARIZATION OPTION #2	18	30.84	20.32	28.60	25.84	14.31		BLACK	RELEASED
30700-4189	---	POLARIZATION OPTION #3	18	30.84	20.32	28.60	25.84	17.31		NATURAL (CREAM)	RELEASED
30700-4160	30700-4164	POLARIZATION OPTION #1	16	28.30	17.78	26.06	23.30	10.04	3.20	GRAY	RELEASED
30700-4161	30700-4165	POLARIZATION OPTION #2	16	28.30	17.78	26.06	23.30	13.04		BLACK	RELEASED
30700-4162	30700-4166	POLARIZATION OPTION #3	16	28.30	17.78	26.06	23.30	16.04		NATURAL (CREAM)	RELEASED
30700-4147	---	POLARIZATION OPTION #1	14	25.76	15.24	23.52	20.76	8.77	3.25	GRAY	RELEASED
30700-4148	---	POLARIZATION OPTION #2	14	25.76	15.24	23.52	20.76	11.77		BLACK	RELEASED
30700-4149	---	POLARIZATION OPTION #3	14	25.76	15.24	23.52	20.76	14.77		NATURAL (CREAM)	RELEASED
30700-4120	30700-4124	POLARIZATION OPTION #1	12	23.22	12.70	20.98	18.22	7.50	3.20	GRAY	RELEASED
30700-4121	30700-4125	POLARIZATION OPTION #2	12	23.22	12.70	20.98	18.22	10.50		BLACK	RELEASED
30700-4122	30700-4126	POLARIZATION OPTION #3	12	23.22	12.70	20.98	18.22	13.50		NATURAL (CREAM)	RELEASED
30700-4100	30700-4104	POLARIZATION OPTION #1	10	20.68	10.16	18.44	15.68	6.23	3.20	GRAY	RELEASED
30700-4101	30700-4105	POLARIZATION OPTION #2	10	20.68	10.16	18.44	15.68	9.23		BLACK	RELEASED
30700-4102	30700-4106	POLARIZATION OPTION #3	10	20.68	10.16	18.44	15.68	12.23		NATURAL (CREAM)	RELEASED
30700-4080	30700-4084	POLARIZATION OPTION #1	8	18.14	7.62	15.90	13.14	4.96	3.20	GRAY	RELEASED
30700-4081	30700-4085	POLARIZATION OPTION #2	8	18.14	7.62	15.90	13.14	7.96		BLACK	RELEASED
30700-4082	30700-4086	POLARIZATION OPTION #3	8	18.14	7.62	15.90	13.14	10.96		NATURAL (CREAM)	RELEASED
30700-4060	30700-4064	POLARIZATION OPTION #1	6	15.60	5.08	13.36	10.60	3.69	3.20	GRAY	RELEASED
30700-4061	30700-4065	POLARIZATION OPTION #2	6	15.60	5.08	13.36	10.60	6.69		BLACK	RELEASED
30700-4062	30700-4066	POLARIZATION OPTION #3	6	15.60	5.08	13.36	10.60	9.69		NATURAL (CREAM)	RELEASED



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.57±0.17

PCB LAYOUT DIMENSIONS				
CIRCUIT SIZE (N)	F	G	J	K
20	28.38	14.19	8.87	3.20
18	25.84	12.92	8.94	3.25
16	23.30	11.65	8.87	3.20
14	20.76	10.38	8.94	3.25
12	18.22	9.11	8.87	3.20
10	15.68	7.84	8.87	3.20
8	13.14	6.57	8.87	3.20
6	10.60	5.30	8.87	3.20

30700-4067/8/9 PART NUMBER DENOTES HDAC WITH MOAT FEATURE											
PACKAGING		POLARIZATION OPTIONS & CIRCUIT SIZE			PRODUCT DIMENSIONS						
ASSEMBLY P/N TRAY PACKED	ASSEMBLY P/N TUBE PACKED	VERTICAL HEADER ASSEMBLY (POLARIZATION OPTIONS)	CIRCUIT SIZE	(A)	B	(C)	D	E		HOUSING COLOR	
30700-4067	TBD	POLARIZATION OPTION #1	6	15.60	5.08	13.36	10.60	3.69		GRAY	RELEASED
30700-4068	TBD	POLARIZATION OPTION #2	6	15.60	5.08	13.36	10.60	6.69		BLACK	RELEASED
30700-4069	TBD	POLARIZATION OPTION #3	6	15.60	5.08	13.36	10.60	9.69		NATURAL (CREAM)	RELEASED

SEE ECN# UAU2001-0258 EC NO: UAU2017-0902 DRWN: JFISCHER02017/04/04 CHKD: RBAUMAN 2017/04/13 APPR: RBAUMAN 2017/04/13	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 VERTICAL HEADER ASSEMBLY MOLEX INCORPORATED				
			4 PLACES	± ---	± ---	DRAWN BY					DATE	
			3 PLACES	± ---	± ---	RCARLSON					01/03/20	
			2 PLACES	± 0.13	± ---	CHECKED BY					DATE	
			1 PLACE	± 0.25	± ---	CKRISHNA					01/03/27	
			ANGULAR ± 1 °			APPROVED BY		DATE	MATERIAL NO.		DOCUMENT NO.	SHEET NO.
			DRAFT WHERE APPLICABLE			LGEIB		01/03/28	ENTER-PART SD-30700-420		3 OF 3	
			MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			E4			C						