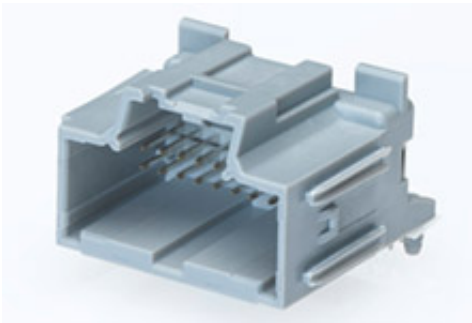




产品编号：[346910201](#)
Product Description：Stac64 Right-Angle Header Assembly, 20 Circuits, Polarization B, Gray, Tray
系列号：34691
状态：Active
Product Category：PCB Headers and Receptacles



文件和资源

图纸
[图纸 346910201_sd.pdf](#)

3D 模型和设计文件
[3D模型 346910201_stp.zip](#)

规格
[应用规格 347290200-AS-CH-000.pdf](#)
[应用规格 AS-34729-020-001.pdf](#)
[产品规格 PS-34729-020-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
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	34691
说明	Stac64 Right-Angle Header Assembly, 20 Circuits, Polarization B, Gray, Tray
应用	Automotive, Power, Wire-to-Board
个评论	Polarization B
元件类型	PCB Header
产品系列	Stac64 Single, Multi-Pocket and Hybrid Header System
产品名称	Stac64
UPC	800756894379

电气

每触点最大电流	10. 0A
电压 - 最大	500V

物理

断开	否
回路数（已载入）	20
电路数（最多）	20
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	Brass
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Tin
材料 - 树脂	High Temperature Thermoplastic
净重	8.613/g
行数	2
方向	Right Angle
包装形式	Tray
PC 焊脚长度	3.36mm
PCB 定位器	是
PCB 保持力	无
推荐的 PCB 厚度	1.57mm
间距 - 插配接口	2.54mm
间距 - 终端界面	2.54mm
有极性的插配件	是
PCB 极性	是
有护墙的	是
可堆叠的	否
运行温度范围	-40° to +105° C
终端界面类型	Through Hole

进程

最长持续时间	40
无铅	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
Stac64 Receptacle Housings	<u>34729</u>

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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POLARIZATION OPTION A
P/N 34691-0200

POLARIZATION OPTION B
P/N 34691-0201

POLARIZATION OPTION C
P/N 34691-0202

POLARIZATION OPTION D
P/N 34691-0203

POLARIZATION OPTION A
P/N 34691-0160

POLARIZATION OPTION B
P/N 34691-0161

POLARIZATION OPTION C
P/N 34691-0162

POLARIZATION OPTION A
P/N 34691-0120

POLARIZATION OPTION B
P/N 34691-0121

POLARIZATION OPTION C
P/N 34691-0122

POLARIZATION OPTION A
P/N 34691-0080

POLARIZATION OPTION B
P/N 34691-0081

POLARIZATION OPTION C
P/N 34691-0082

NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:
POLARIZATION FEATURE EFFECTIVENESS - SEE PRODUCT SPECIFICATION
PIN RETENTION - USCAR-2 REV 4
SOLDERABILITY - SMES-152
b. APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:
SEE APPLICATION SPECIFICATION - AS-34729-020/AS-31408-100
SEE PRODUCT SPECIFICATION - PS-34729-020/PS-31408-100
c. PACKAGING SPECIFICATION: SEE CHART
2. DESIGN MATERIALS:
a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF - 20% REGRIND MAX. BY WEIGHT
b. 0.64MM PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED
c. PIN ALIGNMENT PLATE: MYLAR
3. PLATING REQUIREMENTS:
a. UNDERPLATING - OVERALL NICKEL
b. OVERPLATING - OVERALL TIN
4. INTERFACE: USCAR
064-U-008-2-202
064-U-012-2-203
064-U-016-2-203
064-U-020-2-202
SOME CHAMFERS HAVE BEEN MODIFIED TO IMPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

MATERIAL NUMBER

TRAY PACKAGING
PK-31300-892

TUBE PACKAGING
PK-31301-063

ALT TRAY PACK
PK-31300-894

CKT
SIZE

DESCRIPTION

POL

COLOR

34691-0200 34691-9200 34691-9204 20 STAC64 RIGHT ANGLE HEADER ASSEMBLY A BLACK

34691-0201 34691-9201 TBD 20 STAC64 RIGHT ANGLE HEADER ASSEMBLY B GREY

34691-0202 34691-9202 TBD 20 STAC64 RIGHT ANGLE HEADER ASSEMBLY C BROWN

34691-0203 34691-9203 TBD 20 STAC64 RIGHT ANGLE HEADER ASSEMBLY D GREEN

34691-0160 34691-9160 TBD 16 STAC64 RIGHT ANGLE HEADER ASSEMBLY A BLACK

34691-0161 34691-9161 TBD 16 STAC64 RIGHT ANGLE HEADER ASSEMBLY B GREY

34691-0162 34691-9162 TBD 16 STAC64 RIGHT ANGLE HEADER ASSEMBLY C BROWN

34691-0120 34691-9120 TBD 12 STAC64 RIGHT ANGLE HEADER ASSEMBLY A BLACK

34691-0121 34691-9121 TBD 12 STAC64 RIGHT ANGLE HEADER ASSEMBLY B GREY

34691-0122 34691-9122 TBD 12 STAC64 RIGHT ANGLE HEADER ASSEMBLY C BROWN

34691-0080 34691-9080 TBD 8 STAC64 RIGHT ANGLE HEADER ASSEMBLY A BLACK

34691-0081 34691-9081 TBD 8 STAC64 RIGHT ANGLE HEADER ASSEMBLY B GREY

34691-0082 34691-9082 TBD 8 STAC64 RIGHT ANGLE HEADER ASSEMBLY C BROWN

NOTES:
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SOME CHAMFERS HAVE BEEN MODIFIED TO IMPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION STYLE

SCALE

DESIGN UNITS

THIRD ANGLE PROJECTION

STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY SALES DRAWING

MOLEX INCORPORATED

SD-34691-100

1 OF 2

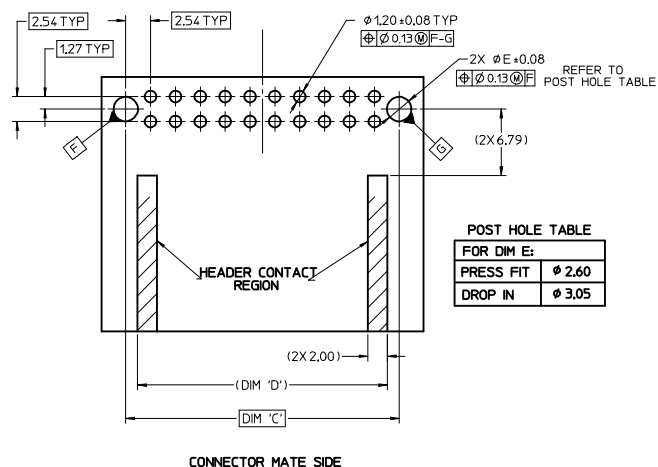
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

10 Frame D.P. AM T
Rev. E 2006/04/15

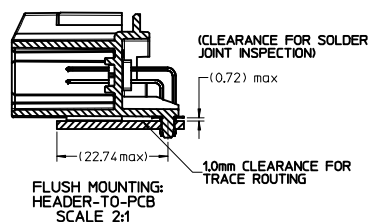
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CKT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
20	34.04	31.57	27.94	25.54
16	28.96	26.49	22.86	20.46
12	23.88	21.41	17.78	15.38
8	18.80	16.53	12.70	10.30

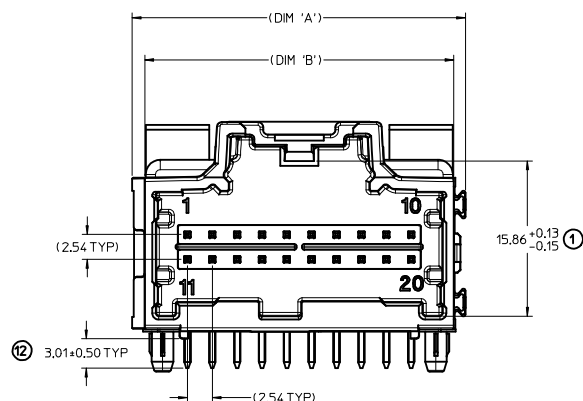
RECOMMENDED PCB LAYOUT



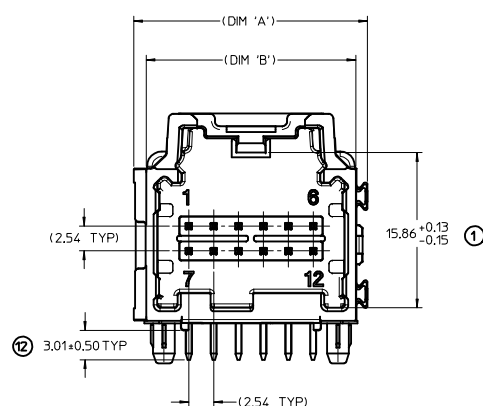
POST HOLE TABLE	
FOR DIM E:	
PRESS FIT	Ø 2.60
DROP IN	Ø 3.05



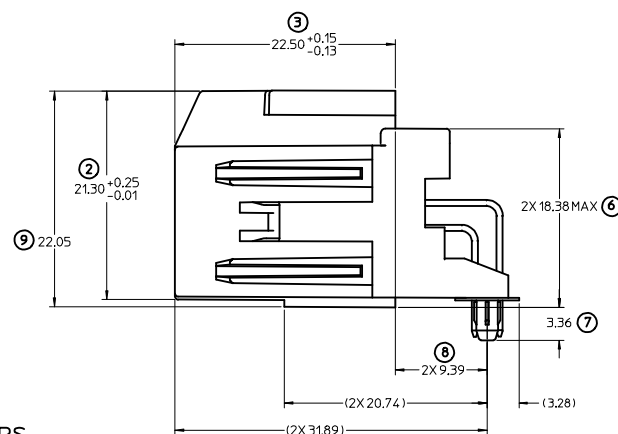
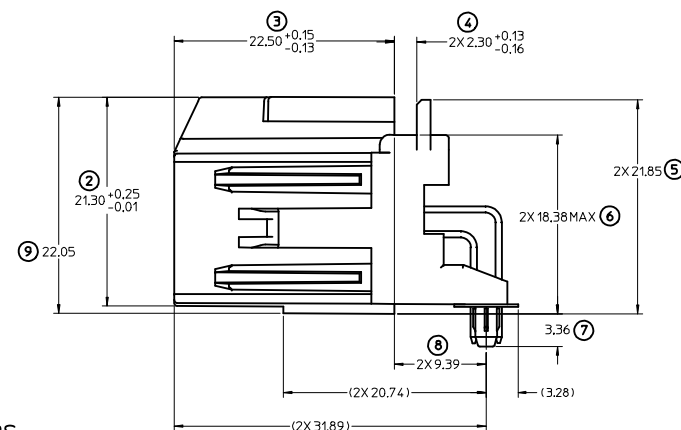
RECOMMENDED FOR WAVE SOLDER
FOR REFLOW CAPABLE PLASTIC PAP SEE:
SD-34691-600



LAYOUT FOR 16 & 20 CKT. HEADERS
(20 CKT. OPTION 'A' SHOWN)



LAYOUT FOR 8 & 12 CKT. HEADERS
(12 CKT. OPTION 'A' SHOWN)



QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM ONLY		4:1		METRIC			
▽=0		mm		INCH		DATE		TITLE			
▽=0		4 PLACES ± ---		± ---		DRAWN BY		DATE			
		3 PLACES ± ---		± ---		CHECKED BY		DATE			
		2 PLACES ± 0.13		± ---		APPROVED BY		DATE			
		1 PLACE ± 0.25		± ---		DATE		DATE			
		ANGULAR ± 3 °		± ---		DATE		DATE			
		DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			
						SEE CHART		SD-34691-100			

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POLARIZATION OPTION A
P/N 34691-0200

POLARIZATION OPTION B
P/N 34691-0201

POLARIZATION OPTION C
P/N 34691-0202

POLARIZATION OPTION D
P/N 34691-0203

POLARIZATION OPTION A
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POLARIZATION OPTION B
P/N 34691-0161

POLARIZATION OPTION C
P/N 34691-0162

POLARIZATION OPTION A
P/N 34691-0120

POLARIZATION OPTION B
P/N 34691-0121

POLARIZATION OPTION C
P/N 34691-0122

POLARIZATION OPTION A
P/N 34691-0080

POLARIZATION OPTION B
P/N 34691-0081

POLARIZATION OPTION C
P/N 34691-0082

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SOLDERABILITY - SMES-152
b. APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:
SEE APPLICATION SPECIFICATION - AS-34729-020/AS-31408-100
SEE PRODUCT SPECIFICATION - PS-34729-020/PS-31408-100
c. PACKAGING SPECIFICATION: SEE CHART
2. DESIGN MATERIALS:
a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF - 20% REGRIND MAX. BY WEIGHT
b. 0.64MM PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED
c. PIN ALIGNMENT PLATE: MYLAR
3. PLATING REQUIREMENTS:
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b. OVERPLATING - OVERALL TIN
4. INTERFACE: USCAR
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064-U-012-2-203
064-U-016-2-203
064-U-020-2-202
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MATERIAL NUMBER

TRAY PACKAGING
PK-31300-892

TUBE PACKAGING
PK-31301-063

ALT TRAY PACK
PK-31300-894

CKT
SIZE

DESCRIPTION

POL

COLOR

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QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION STYLE

SCALE

DESIGN UNITS

THIRD ANGLE PROJECTION

STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY SALES DRAWING

MOLEX INCORPORATED

SD-34691-100

1 OF 2

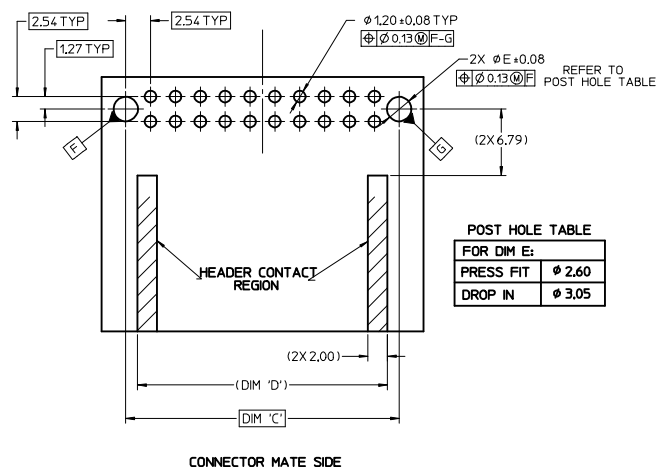
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10 Frame D.P. AM T
Rev. E 2006/04/15

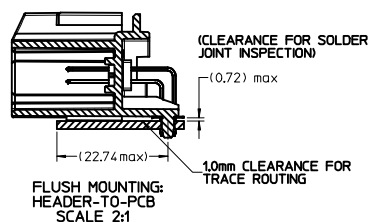
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CKT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
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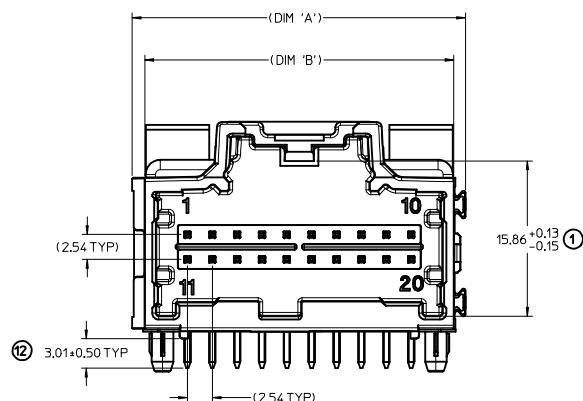
RECOMMENDED PCB LAYOUT



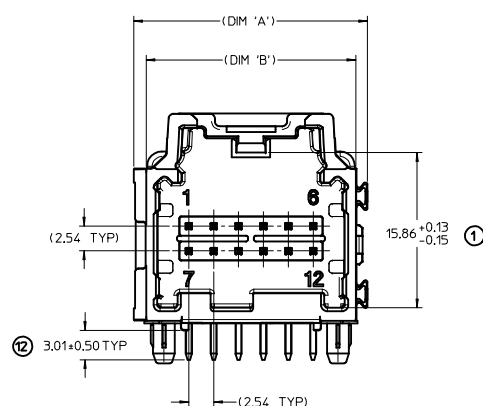
POST HOLE TABLE	
FOR DIM E:	
PRESS FIT	Ø 2.60
DROP IN	Ø 3.05



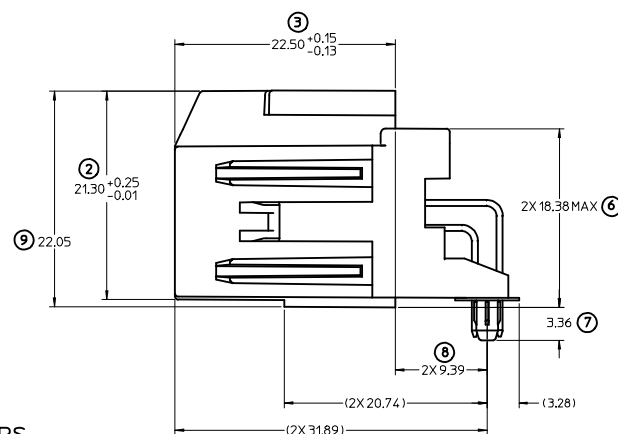
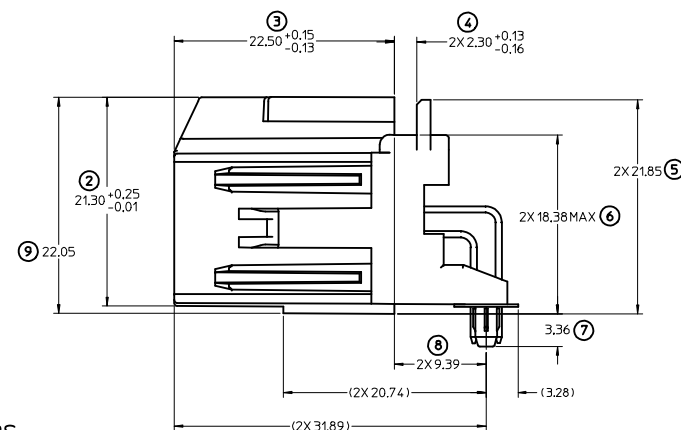
RECOMMENDED FOR WAVE SOLDER
FOR REFLOW CAPABLE PLASTIC PAP SEE:
SD-34691-600



LAYOUT FOR 16 & 20 CKT. HEADERS
(20 CKT. OPTION 'A' SHOWN)



LAYOUT FOR 8 & 12 CKT. HEADERS
(12 CKT. OPTION 'A' SHOWN)



QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
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▽=0		mm		INCH		DATE		TITLE			
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		2 PLACES ± 0.13		± ---		APPROVED BY		DATE			
		1 PLACE ± 0.25		± ---		DATE		DATE			
		ANGULAR ± 3 °		± ---		DATE		DATE			
		DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			
						SEE CHART		SD-34691-100			