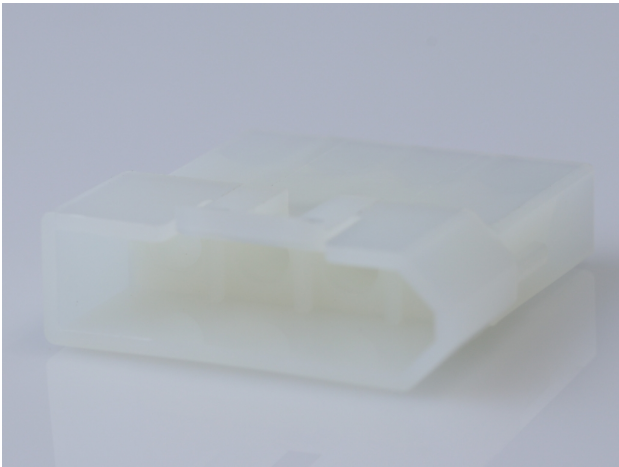




产品编号：[19092042](#)
Product Description：2.36mm Diameter,
.093" Pin and Socket Plug Housing with
Positive Latch, 4 Circuits, without
Mounting Ears
系列号：1991
状态：Active
Product Category：Connector Housings
工程编号：1991-04P1



文件和资源

图纸

[图纸 019092042_sd.pdf](#)

3D 模型和设计文件

[3D模型 019092042_stp.zip](#)

规格

[包装规格 PK-1991-001-001.pdf](#)

[产品规格 PS-1991-014-001.pdf](#)

[产品规格 PS-1991-013-001.pdf](#)

[产品规格 PS-02-09-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
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	Connector Housings
系列	1991
说明	2.36mm Diameter, .093" Pin and Socket Plug Housing with Positive Latch, 4 Circuits, without Mounting Ears
应用	Power, Wire-to-Wire
个评论	Glow Wire Equivalent Part Number 50361743; Polarized to Mating Part
产品系列	Standard .093" Pin and Socket Connectors
产品名称	Standard .093"
UPC	800754943161

机构

CSA	LR19980
UL	E29179

电气

每触点最大电流	9.0A
---------	------

物理

断开	否
电路详图	2x2

电路数（最多）	4
颜色-树脂	Natural
阻燃性	94V-2
性别	Plug
符合灼热丝规范	否
插接极性	无
锁定插接部位	是
材料 - 树脂	Nylon
净重	2.871/g
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	6.30mm
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +105° C

进程

无铅	不适用
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可配插/可连接使用的产品

可配插部件

描述	产品编号
2.36mm Diameter, .093" Pin and Socket Receptacle Housing with Positive Latch, 4 Circuits, without Mounting Ears	<u>0019091042</u>
2.36mm Diameter, .093" Pin and Socket Receptacle Housing with Positive Latch, 4 Circuits, with Pre-bent Mounting Ears	<u>0019091043</u>

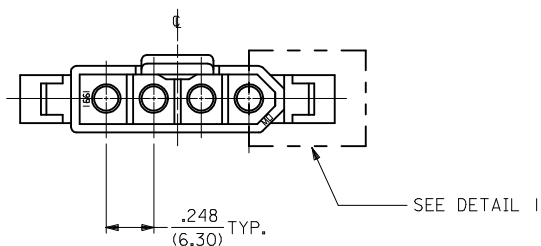
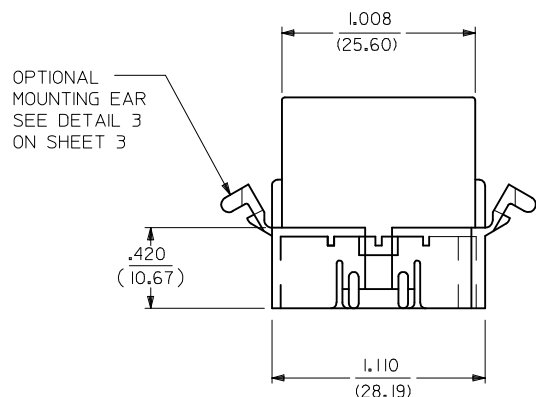
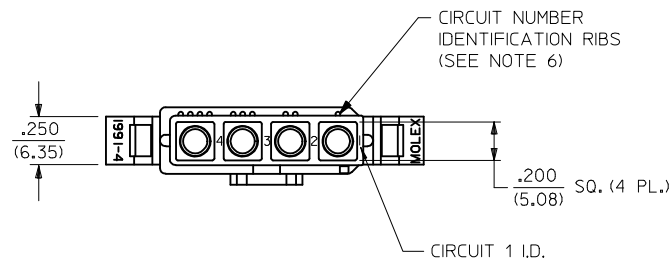
可连接使用部件

描述	产品编号
Standard .093" Pin and Socket Female Crimp Terminals	<u>1189</u>

Standard .093" Pin and Socket Male Crimp Terminals	<u>1190</u>
Standard .093" Pin and Socket Male Crimp Terminals	<u>1380</u>
Standard .093" Pin and Socket Female Crimp Terminals	<u>1381</u>
Standard .093" Pin and Socket Male Crimp Terminal	<u>1434</u>
Standard .093" Pin and Socket Male Crimp Grounding Terminals	<u>1973</u>
Standard .093" Pin and Socket Female Crimp Terminal	<u>4550</u>

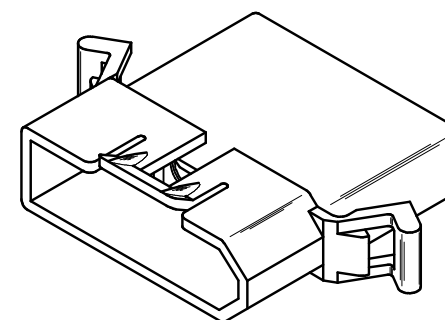
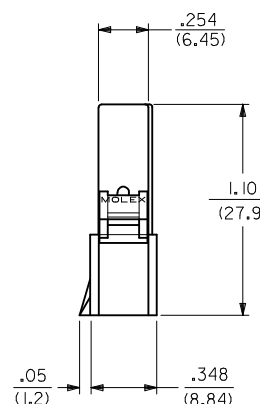
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PLUG



ALTERNATE SQUARE END CONFIGURATION
(FOUND ON STANDARD MOUNTING EAR
VERSION TOOLS BUILT PRIOR TO 1/87.)

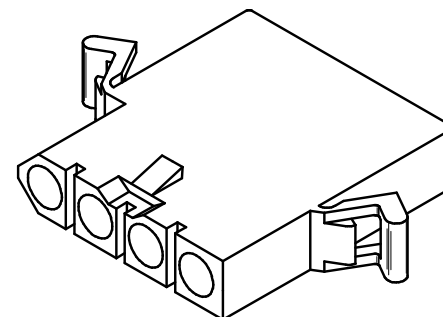
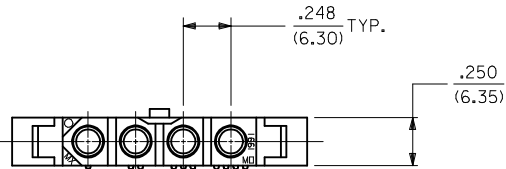
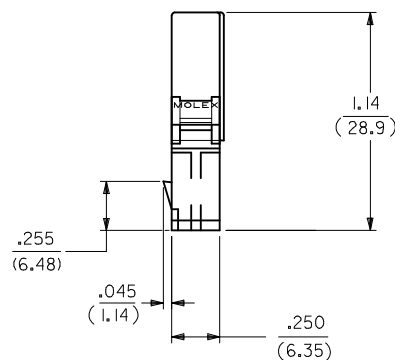
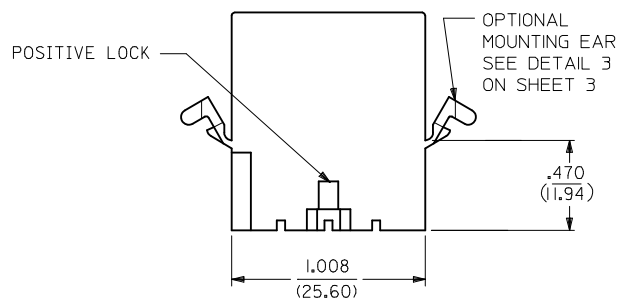
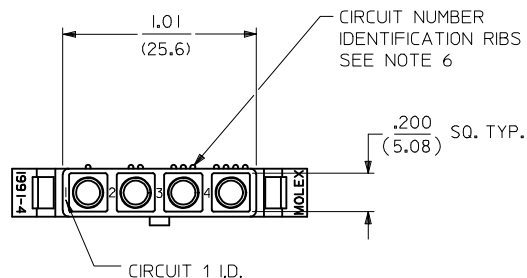
DETAIL 1



PLUG HOUSING

REMOVE 1991-4R EC NO: UCP2014-3949 DRWN:KIPPER 2014/03/27 CHKD:ANDERSON 2014/03/27 APPR:FSMITH 2014/06/10 J1	DESCRIPTION	QUALITY SYMBOLS ▽ ▽ ▽ ▽ ▽ ▽ ▽ ▽ ▽	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	⊙ □ THIRD ANGLE PROJECTION			
					DRAWN BY GEP	DATE 1988/03/01	TITLE .093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS. molex					
					CHECKED BY RW	DATE 1988/03/01						
					APPROVED BY FSMITH	DATE 2014/06/10						
					MATERIAL NO.	DOCUMENT NO.					SHEET NO.	
					SEE CHART						SD-1991-4*	
			REV			ANGULAR ± 1 °		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

RECEPTACLE



RECEPTACLE HOUSING

SEE SHEET 1 EC NO: UCP2014-3949 DRWN:MKIPPER 2014/03/27 CHKD:ANDERSON 2014/03/27 APPR:FSMITH 2014/06/10 J1	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
						DRAWN BY GEP	DATE 1988/03/01	TITLE .093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS. molex SD-1991-4*			
						CHECKED BY RW	DATE 1988/03/01				
						APPROVED BY FSMITH	DATE 2014/06/10				
						MATERIAL NO. SEE CHART	DOCUMENT NO. SD-1991-4*				
			ANGULAR ± 1 °			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

PLUG			RECEPTACLE		
PART NO.	ENG. NO.		PART NO.	ENG. NO.	
I9-09-2042	I99I-4P1		I9-09-1042	I99I-4R1	
I9-09-2043	I99I-4P2		I9-09-1043	I99I-4R2	

LEGEND:

199I-4****

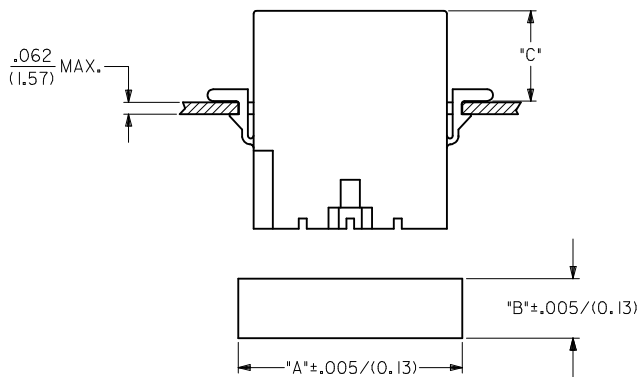
CIRCUIT SIZE

P = PLUG

R = RECEPTACLE

1 = WITHOUT EARS

2 = WITH PREBENT EARS, PER DETAIL 3



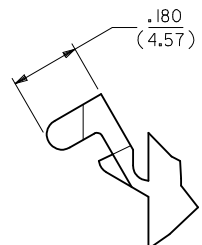
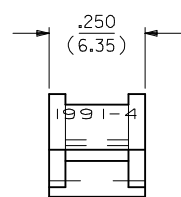
COLOR: BLANK=NATURAL COLOR

AM=AMBER BK=BLACK BU=BLUE

BN=BROWN GY=GRAY GN=GREEN

OR=ORANGE RD=RED YW=YELLOW

HOUSING	DIM. "A"	DIM. "B"	DIM. "C" STD.EAR	DIM. "C" PREBENT
PLUG	1.270/(32.26)	.365/(9.27)	.48/(12.2)	.52/(13.2)
RECEPTACLE	1.168/(29.67)	.311/(7.90)	.47/(11.9)	.51/(12.9)



DETAIL 3

PREBENT MOUNTING EAR

(SCALE 4:1)

- NOTES:
1. MATERIAL: NYLON TYPE 6/6, 94V-2.
 2. FINISH: N/A
 3. PRODUCT SPECIFICATION: PS-02-09
 4. PACKAGING SPECIFICATION: PK-1991-001
 5. ACCEPTS MOLEX .093/(2.36) SERIES TERMINALS.
 6. CIRCUIT IDENTIFICATION RIBS MAY OR MAY NOT BE PRESENT.
 7. PARTS CONFORM TO CLASS B REQUIRMENTS OF COSMETIC SPECIFICATION PS-45499-002.

SEE SHEET 1

EC NO: UCP2014-3949

DRWN:KIPPER 2014/03/27

CHKD:ANDERSON 2014/03/27

APPR:FSMITH 2014/06/10

J1

REV

DESCRIPTION

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .004	± .0004
2 PLACES	± .003	± .0003
1 PLACE	± .002	± .0002
0 PLACE	± .001	± .0001

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

DOCUMENT NO.

SHEET NO.

SCALE

2:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

.093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS.

molex

SD-1991-4*

3 OF 3

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