

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0019091049](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093" Pin and Socket Receptacle Housing With Positive Latch, UL 94V-2, 4 Circuits

Documents:
[3D Model](#)
[Packaging Specification \(PDF\)](#)
[Drawing \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	3191
Comments	Polarized to Mating Part, Without Mounting Ears
Overview	standard_093
Product Name	Standard .093"

Physical

Breakaway	No
Circuits (maximum)	4
Circuits Detail	2x2
Color - Resin	Natural
Flammability	94V-2
Gender	Dual
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.264 In
Pitch - Mating Interface (mm)	6.71 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

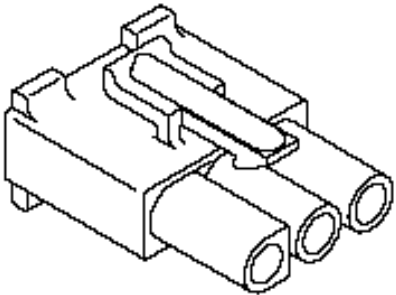
Current - Maximum per Contact	9A
-------------------------------	----

Material Info

Old Part Number	3191-4R1
-----------------	----------

Reference - Drawing Numbers

Packaging Specification	PK-3191-001
Sales Drawing	SD-3191-4*



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Halogen-Free**

Status

Halogen-Free

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

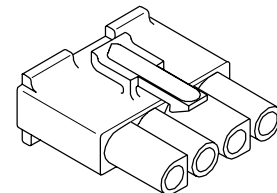
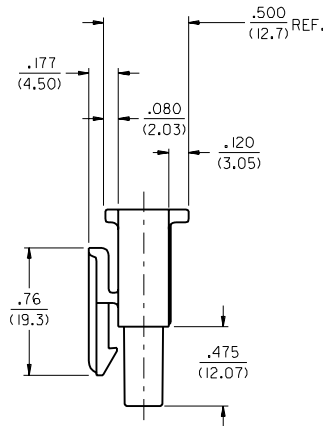
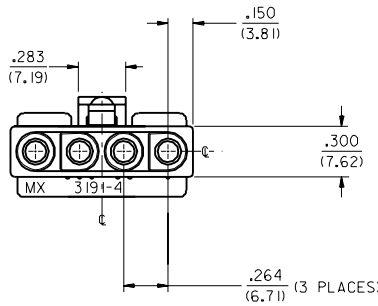
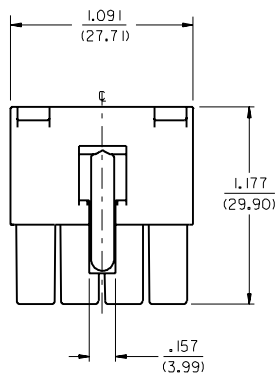
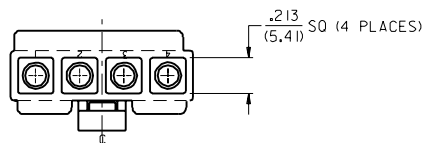
[3191](#)Series

Mates With

[3191](#) Pin and Socket Plug, [5219](#) Vertical PCB Header

Use With

[1189](#) Crimp Terminals, [1190](#) Crimp Terminals, [1380](#) Male Crimp Terminals, [1381](#) Female Crimp Terminals, [1433](#) Crimp Terminals, [1434](#) Male Crimp Terminals, [2605](#) , [2606](#) , [1973](#) , [2151](#) , [2273](#) , [2870](#) , [2871](#) , [4272](#) , Lin



RECEPTACLE

EC NO. UCR1998-0254 DRAWN BY J.WANG 000607 CHKD BY B.WIRKUS 000607 APPRD BY R.EDGE 000607		QUALITY SYMBOLS MAJOR $\nabla=0$ CRITICAL $\nabla=0$		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2 : 1		DESIGN UNITS ☐ mm ☒ INCH		THIRD ANGLE PROJECTION ☐ mm ☒ INCH ☐ mm ONLY		DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT 2		REV 1			
J3		DESCRIPTION		4 PLACES ± 0.00 ± 0.00		DRAWN BY & DATE J.WANG 98/08/24		CHECKED BY & DATE B.WIRKUS 98/08/24		APPROVED BY & DATE R.EDGE 98/08/24		TITLE: .093/(2.36) HOUSINGS PLUG AND RECEPTACLE 4 CKT., .264/(6.70) CTRS		MATERIAL NO. SEE SHT.3		DRAWING NO. SD -3191 -4		SHEET NO. 2	
J3		REV		ANGULAR: $\pm 1^\circ$		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CAD FILENAME S3191402.DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		MOLEX MOLEX INCORPORATED		SIZE C					

PLUG		RECEPTACLE	
PART NO.	ENG. NO.	PART NO.	ENG. NO.
I9-09-2048	3191-4P	I9-09-1049	3191-4R1
I9-09-2049	3191-4P1	I9-09-1046	3191-4R1-A
I9-09-2047	3191-4P-A		
I9-09-2046	3191-4P1-A		

LEGEND

3191-4***-*

CIRCUIT SIZE

P = PLUG

R = RECEPTACLE

EARS: BLANK = WITH PREBENT EARS (PLUG ONLY)

I = WITHOUT EARS

COLOR: BLANK = NATURAL COLOR

AM=AMBER BK=BLACK BU=BLUE

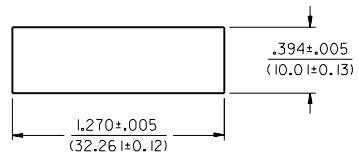
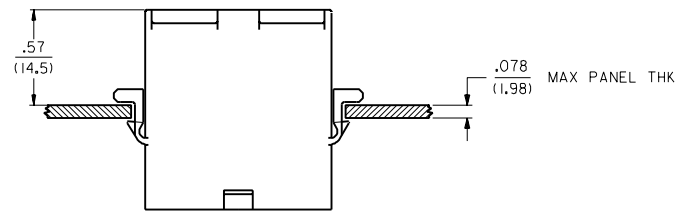
BN=BROWN GY=GRAY GN=GREEN

OR=ORANGE RD=RED YW=YELLOW

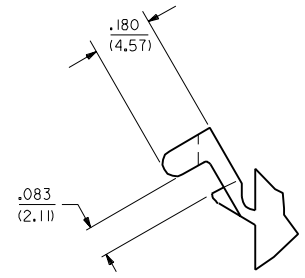
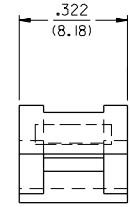
COLORS AVAILABLE ONLY IN 94V-2 MATERIAL

MATERIAL: BLANK=NYLON TYPE 6/6, 94V-2 COLOR:NATURAL

A=NYLON TYPE 6/6, 94V-0 COLOR:WHITE



RECOMMENDED HOLE CUTOUT



DETAIL "A"

.093/(2.36) PREBENT MOUNTING EAR

(SCALE 4:1)

EC NO. UCR1998-0254
DRAWN BY J.WANG 000607
CHKD BY B.WIRKUS 000607
APPROVED BY R.EDGLEY 000607

J3

REV

QUALITY SYMBOLS
MAJOR 0
CRITICAL 0

DESCRIPTION

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.---	±.---
3 PLACES	±0.---	±.010
2 PLACES	±0.25	±.015
1 PLACE	±0.38	±.---

ANGULAR: ±1°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 2 : 1

DESIGN UNITS
☐ mm ☒ INCH

DRAWN BY & DATE
J.WANG 98/08/18

CHECKED BY & DATE
B.WIRKUS 98/08/18

APPROVED BY & DATE
R.EDGLEY 98/08/18

CAD FILENAME
S3191403.DGN

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

DIMENSIONS:
☐ INCH ☒ mm ☐ mm ONLY

SHT REV

REVISE ON CAD ONLY

TITLE:
.093/(2.36) HOUSINGS
PLUG AND RECEPTACLE
4-CKTS, .264/(6.70) CTRS

MOLEX MOLEX INCORPORATED

MATERIAL NO.
SEE SHT.3

DRAWING NO.
SD -3191 -4*

SHEET NO.
3

SIZE
C

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9