

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0019092046](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093" Pin and Socket Plug Housing With Positive Latch, UL 94V-0, 4 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification \(PDF\)](#)
[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

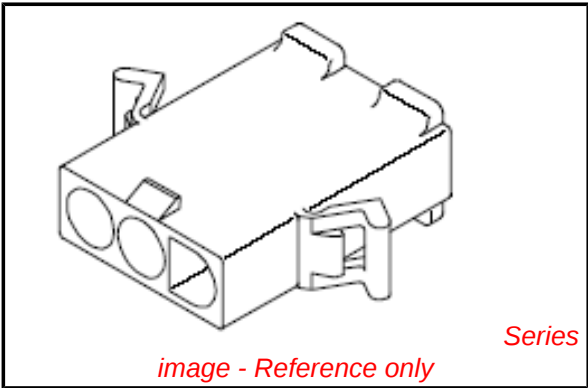
Current - Maximum per Contact	9A
-------------------------------	----

Material Info

Old Part Number	3191-4P1-201
-----------------	--------------

Reference - Drawing Numbers

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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
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](#)

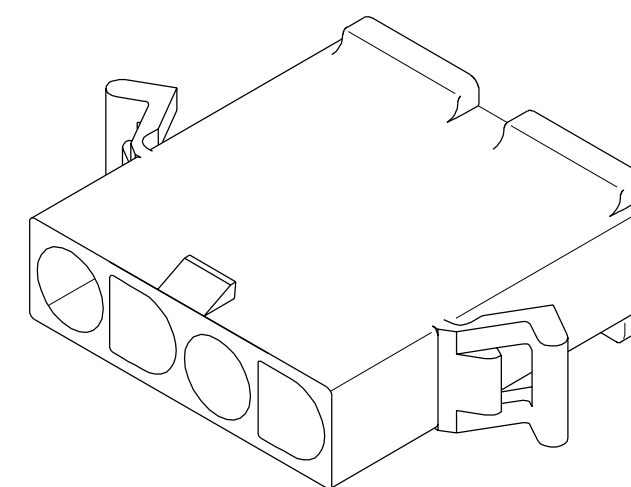
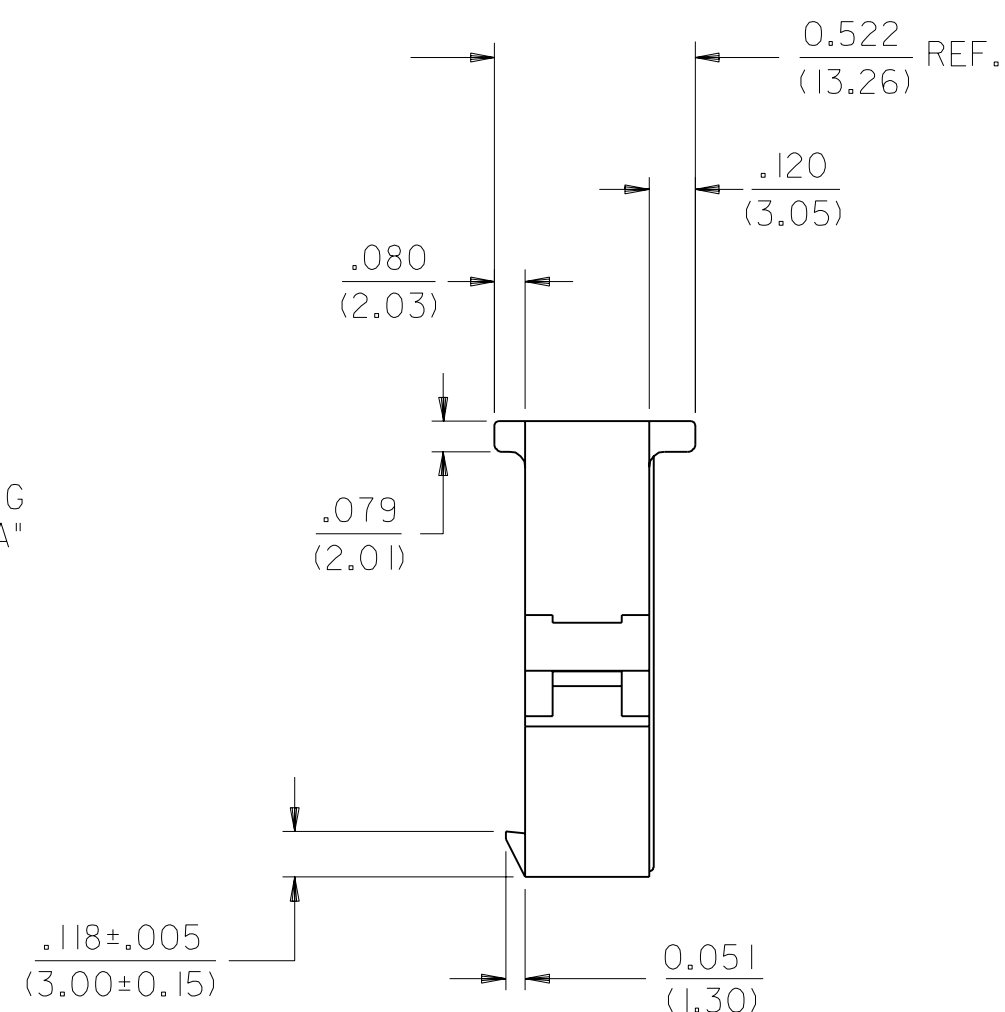
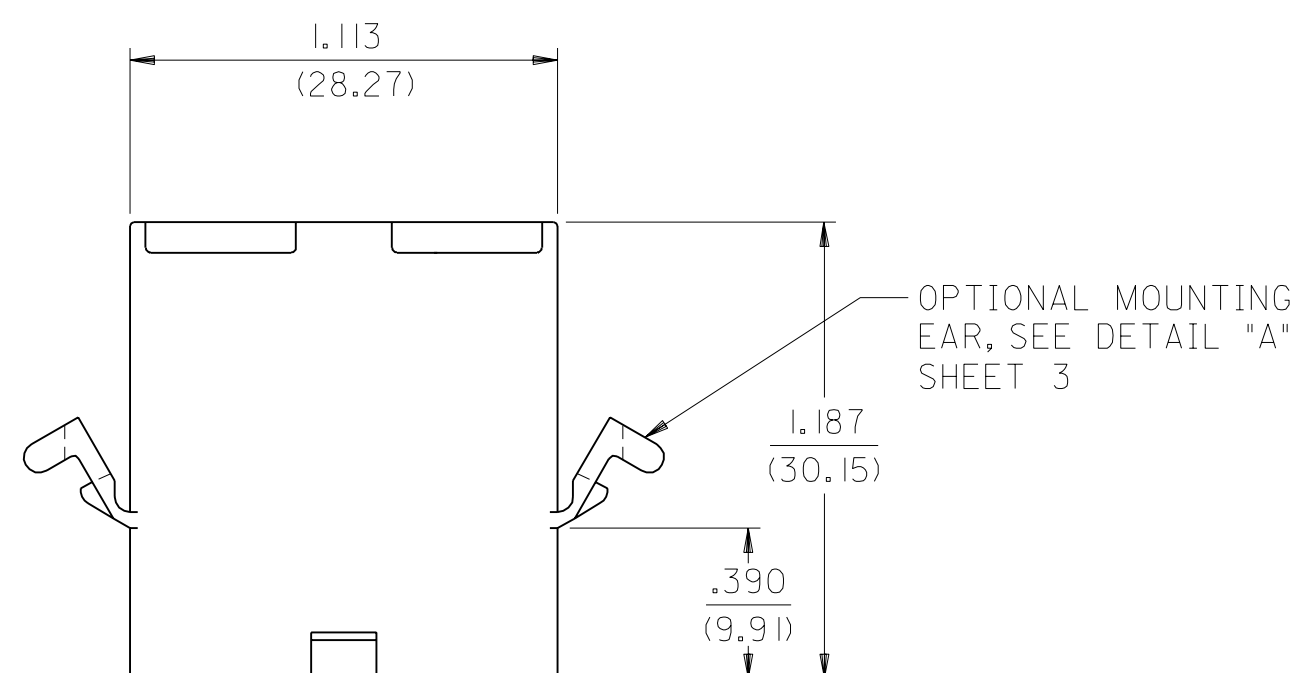
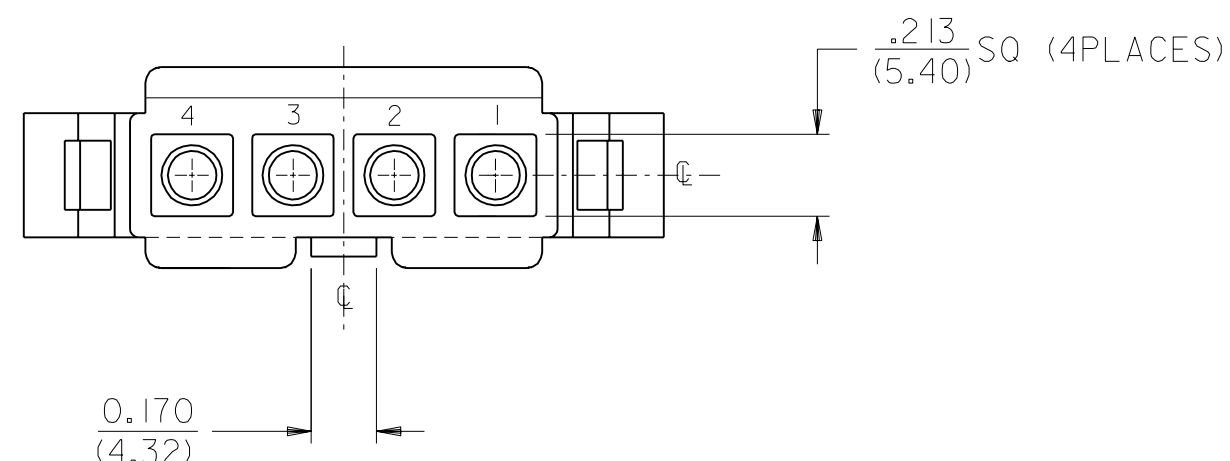
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[3191](#)Series

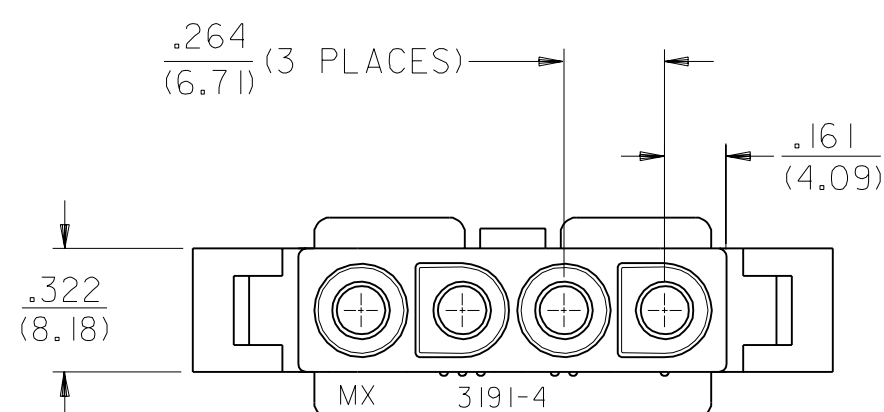
Mates With
[3191](#) Pin and Socket Recptacle, [5219](#) Vertical PCB Header

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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



PLUG HOUSING



3	J3
2	J3
1	J3

	SHT	REV
Y	REVISE ON CAD ONLY	

REDRAWN ON CAD EC NO. UCR1998-0254 DRAWN: J. WANG 00/06/07 CHK: WIRKUS 00/06/07 APPR: R. EDGLEY 00/06/07 J3	DESCRIPTION MAJOR =0 CRITICAL =0	GENERAL TOLERANCES: (UNLESS SPECIFIED)			SCALE 2 : 1	DESIGN UNITS ☐ mm ☒ INCH	THIRD ANGLE PROJECTION 	DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT REVISE ON CAD ONLY	REV
					DRAWN BY & DATE J. WANG 98/08/24	TITLE: .093/(2.36) HOUSINGS PLUG AND RECEPTACLE 4-CKTS, .264/(6.70) CTRS					
					CHECKED BY & DATE WIRKUS 98/08/24	MOLEX MOLEX INCORPORATED					
					APPROVED BY & DATE R. EDGLEY 98/08/24						
					CAD FILENAME S3I9I40I.DGN	MATERIAL NO. SEE SHT. 3	DRAWING NO. SD -3I9I -4*	SHEET N 1 OF 1			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE C	
REV			mm		INCH						
		4 PLACES	±0.---	±.---							
		3 PLACES	±0.---	±.010							
		2 PLACES	±0.25	±.015							
		1 PLACE	±0.38	±.---							
		ANGULAR: ± 1°									

Engineering drawing showing the design of a PLUG and RECEPTACLE assembly, including dimensions, material specifications, and a detail view (DETAIL "A").

PLUG PARTS:

PART NO.	ENG. NO.
19-09-2048	3191-4P
19-09-2049	3191-4P I
19-09-2047	3191-4P-A
19-09-2046	3191-4P I-A

RECEPTACLE PARTS:

PART NO.	ENG. NO.
19-09-1049	3191-4R I
19-09-1046	3191-4R I-A

LEGEND:

- CIRCUIT SIZE: 3191-4***-*
- 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

Dimensions:

- Top View: .57 (14.5) (Height), .078 (1.98) MAX PANEL THK (Thickness)
- Bottom View: 1.270±.005 (32.261±0.12) (Length), .394±.005 (10.01±0.13) (Width)
- Detail "A": .180 (4.57) (Height), .083 (2.11) (Width), .322 (8.18) (Length)

DETAIL "A"

.093/(2.36) PREBENT MOUNTING EAR (SCALE 4:1)

QUALITY SYMBOLS:

- MAJOR: 0
- CRITICAL: 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.---	±.---
3 PLACES	±0.---	±0.10
2 PLACES	±0.25	±0.15
1 PLACE	±0.38	±.---

SCALE: 2 : 1

DESIGN UNITS: ☐ mm ☒ INCH

THIRD ANGLE PROJECTION: ☒ THIRD ANGLE

DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY

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

MOLEX INCORPORATED

CAD FILENAME: S3191403.DGN

MATERIAL NO.: SEE SHT.3

DRAWING NO.: SD -3191 -4*

SHEET NO.: 3

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

SIZE: C

EC NO.: UCRI998-0254

DRWN.: J.WANG 00/06/07

CHK.: B.WIRKUS 00/06/07

APPR.: R.EDGLEY 00/06/07

REV

DESCRIPTION

REV

LBORD.DGN REV A 96/06/12 LEVEL 5

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