

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0019091099](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093" Pin and Socket Receptacle Housing With Positive Latch, UL 94V-2, 9 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
Overview	standard_093
Product Name	Standard .093"

Physical

Breakaway	No
Circuits (maximum)	9
Circuits Detail	3x3
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	3
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

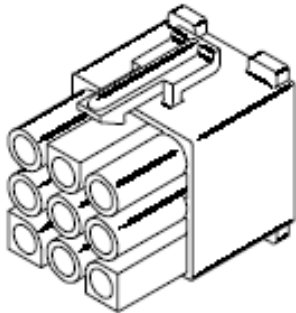
Current - Maximum per Contact	9A
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Material Info

Old Part Number	3191-9R1
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Reference - Drawing Numbers

Packaging Specification	PK-3191-001
Sales Drawing	SD-3191-9*



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
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

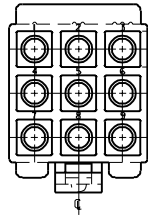
[3191](#)Series

Mates With

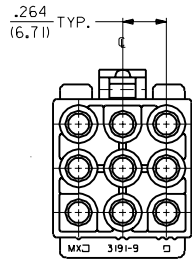
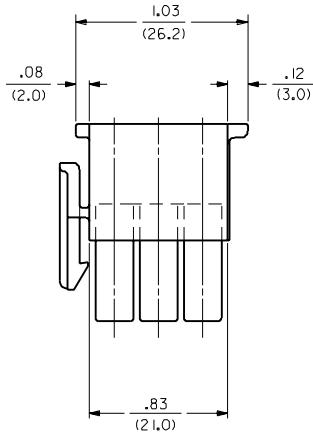
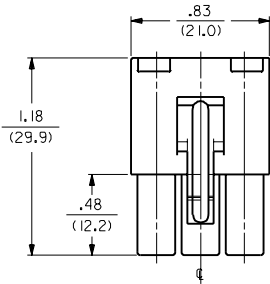
[3191](#) Pin and Socket Plug, [5219](#) Vertical
PCB Header

Use With

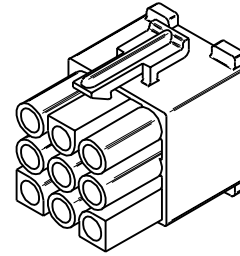
[1189](#) Crimp Terminals, [1190](#) Crimp
Terminals, [1380](#) Male Crimp Terminals,
[1381](#) Female Crimp Terminals, [1433](#) Crimp
Terminals, [1434](#) Male Crimp Terminals,
[2605](#) , [2606](#) , [1973](#) , [2151](#) , [2273](#) , [2870](#) ,
[2871](#) , [4272](#) , Lin



.213
(5.40) S.O.



.264
(6.71) TYP.



RECEPTACLE

DIMENSIONS SHOWN (METRIC) INCH		REVISIONS ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .005° TO		TITLE	
INCH METRIC		FILE NAME	
3 PLACE ± .010 ---	2 PLACE ± .014 ± 0.25	531919X2	
1 PLACE --- ± 0.35		DGN	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
DRWG. BY: CEP		CHKD. BY: RW	
APP'D. BY: RAS		SCALE: 2 : 1	
LTR. REVISIONS		LTR. REVISIONS	
J SEE SHT. 1		SD-3191-9	
MOLEX INCORPORATED		SHEET NO. 2	
LITTLE ROCK, AR 60532		DATE 8/ 2/ 89	
SEE CHART		DIV. CP	
NO P.S.		SIZE	

13	12	11	10	9	8	7	6	3191	4	3	2	1
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PLUG		RECEPTACLE	
PART NO.	ENG. NO.	PART NO.	ENG. NO.
19-09-2098	3191-9P	19-09-1099	3191-9R1
19-09-2099	3191-9P1	19-09-1096	3191-9R1-201
19-09-2097	3191-9P-201		
19-09-2096	3191-9P1-201		

LEGEND:

3191-9****-*

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

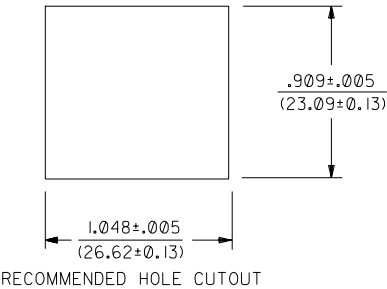
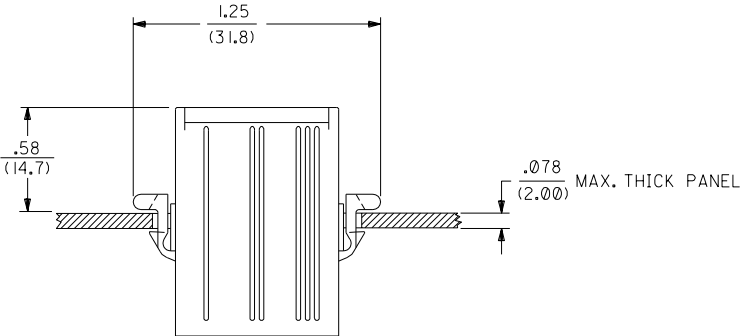
BN=BROWN GY=GRAY GN=GREEN

OR=ORANGE RD=RED YW=YELLOW

COLORS AVAILABLE ONLY IN 94V-2 MATERIAL

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

201=NYLON TYPE 6/6, 94V-0



NOTES:

1. THESE HOUSINGS FOR USE WITH MOLEX .093/(2.36) DIAMETER SERIES TERMINALS.

DIMENSIONS SHOWN (METRIC) INCH				▽ =		▼ =		REVISE ONLY ON CAD SYSTEM			
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .04° 10				TITLE		.093/(2.36) HOUSINGS					
				INCH		METRIC		PLUG AND RECEPTACLE			
5 PLACE ± .010 ---				2 PLACE ± .014 ± 0.25		1 PLACE --- ± 0.35		9 CKT. ± .264/(6.70) CTRS.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				PART NO.		DRWG. NO.					
				DRWG. BY		CHK'D. BY		SEE CHART			
				APP'D. BY		SCALE		SD-3191-9*			
				LTR.		REVISIONS		NO P.S.			