

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0019091042](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter, .093" Pin and Socket Receptacle Housing with Positive Latch, 4 Circuits, Without Mounting Ears

Documents:

3D Model	Product Specification PS-02-09 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification

CSA	LR19980
TUV	R95725
UL	E29179

General

Product Family	Crimp Housings
Series	1991
Comments	Glow Wire Equivalent Part Number 50361691 . Polarized to Mating Part
Overview	standard_093
Product Name	Standard .093"

Physical

Breakaway	No
Circuits (maximum)	4
Circuits Detail	1x4
Color - Resin	Natural
Flammability	94V-2
Gender	Male
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)	0.248 In
Pitch - Mating Interface (mm)	6.30 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

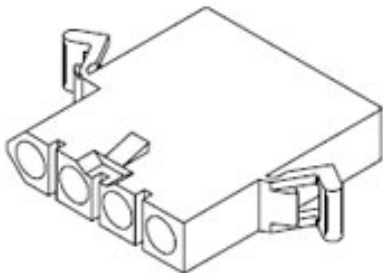
Current - Maximum per Contact	9A
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Material Info

Old Part Number	1991-4R1
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Reference - Drawing Numbers

Product Specification	PS-02-09
Sales Drawing	SD-1991-4*



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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

[1991Series](#)

Mates With

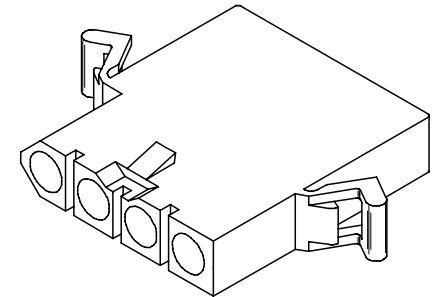
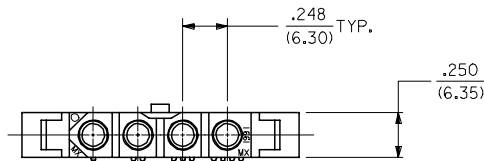
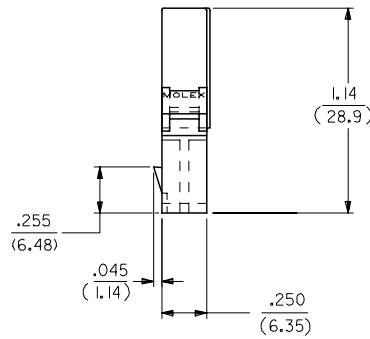
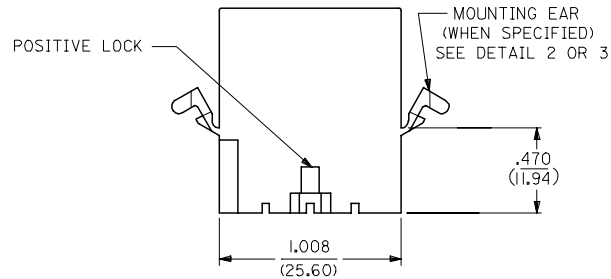
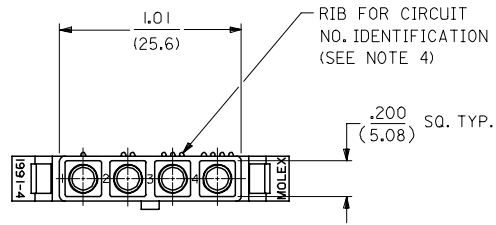
[19-09-2042 Plug](#), [19-09-2043 Plug](#)

Use With

[1189](#) Crimp Terminals, [1190](#) Crimp Terminals, [1380](#) Male Crimp Terminals, [1381](#) Female Crimp Terminals, [1433](#) Crimp Terminals, [1434](#) Male Crimp Terminals, [1973](#) , [2151](#) , [2273](#) , [2870](#) , [2871](#) , [4272](#) , [4550](#) , [6271](#) , Lin

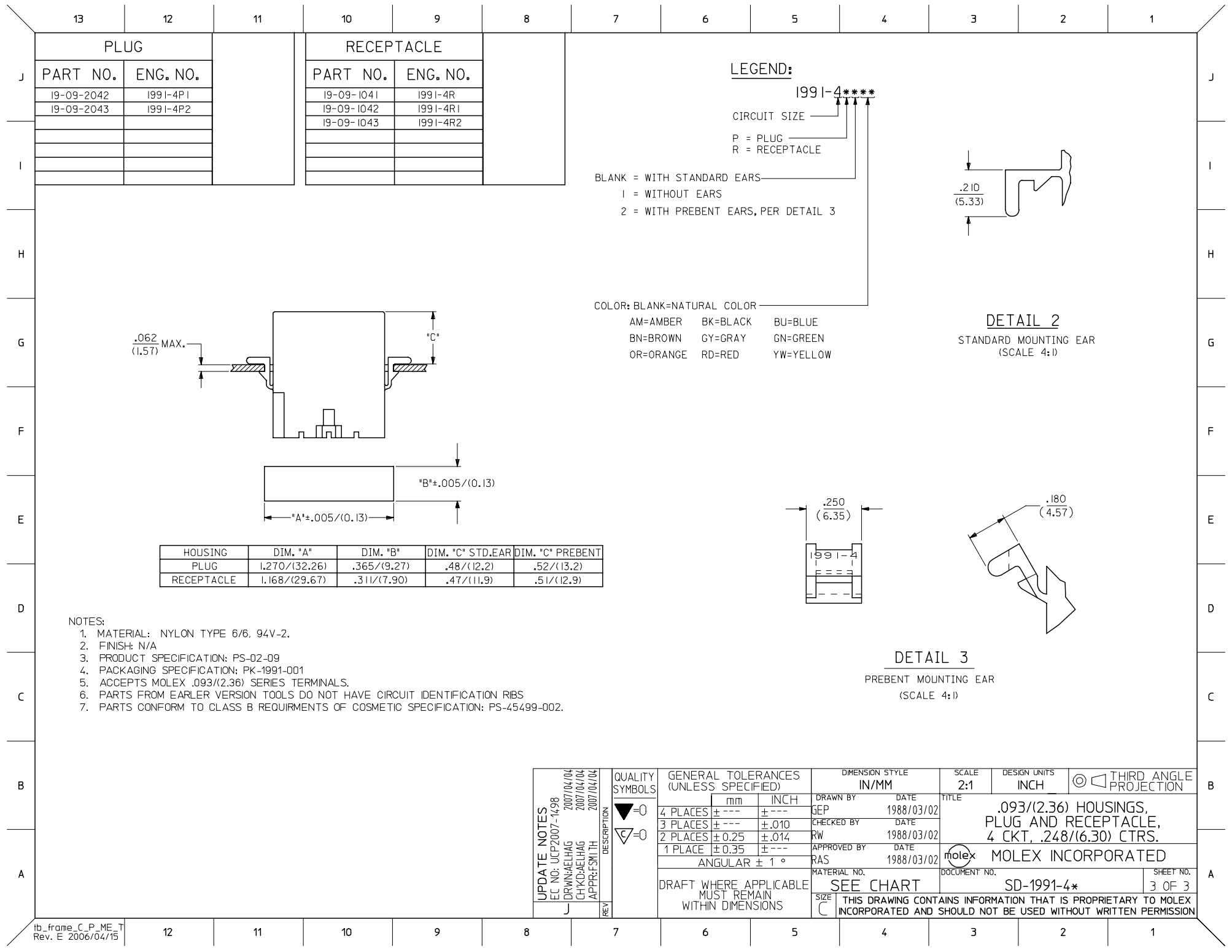
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RECEPTACLE



RECEPTACLE HOUSING

UPDATE TITLE BLOCK EC NO: UCP2007-1498 DRW: AELHAG 2007/04/04 CHK: D: AELHAG 2007/04/04 APPR: FSM TH 2007/04/04 REV: J	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 			
				mm	INCH	DRAWN BY GEP	DATE 1988/03/01	TITLE .093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS.				
			4 PLACES ± .010	± .010	CHECKED BY RW	DATE 1988/03/01						
			3 PLACES ± .010	± .010	APPROVED BY RAS	DATE 1988/03/01	MOLEX INCORPORATED					
			2 PLACES ± 0.25	± .014	MATERIAL NO.	DOCUMENT NO.						SHEET NO.
			1 PLACE ± 0.35	± .014	SEE CHART		SD-1991-4*		2 OF 3			
			ANGULAR ± 1 °		SIZE		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									



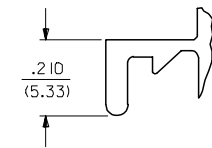
PLUG	
PART NO.	ENG. NO.
19-09-1042	1991-4P1
19-09-1043	1991-4P2

RECEPTACLE	
PART NO.	ENG. NO.
19-09-1041	1991-4R
19-09-1042	1991-4R1
19-09-1043	1991-4R2

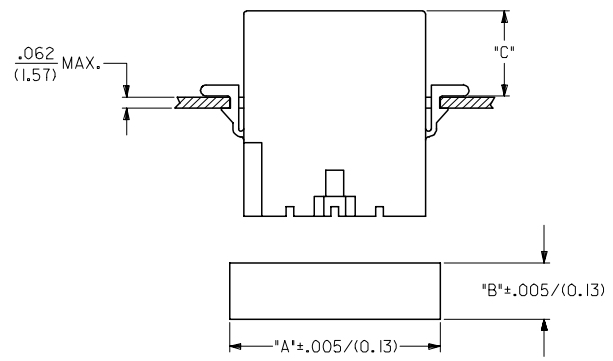
LEGEND:
1991-4****
CIRCUIT SIZE
P = PLUG
R = RECEPTACLE

BLANK = WITH STANDARD EARS
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

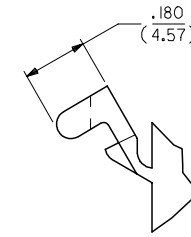
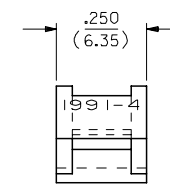


DETAIL 2
STANDARD MOUNTING EAR
(SCALE 4:1)



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)

- 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. PARTS FROM EARLIER VERSION TOOLS DO NOT HAVE CIRCUIT IDENTIFICATION RIBS
 7. PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION: PS-45499-002.



DETAIL 3
PREBENT MOUNTING EAR
(SCALE 4:1)

UPDATE NOTES EC NO: UCP2007-1498 DRAWN: AELHAG CHKD: AELHAG APPR: FSM TH	2007/04/04 2007/04/04 2007/04/04	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □					
					mm	INCH	DRAWN BY GEP	DATE 1988/03/02	TITLE .093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS. MOLEX INCORPORATED						
				4 PLACES	± ---	± ---	CHECKED BY	DATE							
				3 PLACES	± ---	± .010	RW	1988/03/02							
				2 PLACES	± 0.25	± .014	APPROVED BY	DATE							
				1 PLACE	± 0.35	± ---	RAS	1988/03/02	DOCUMENT NO. SD-1991-4*	SHEET NO. 3 OF 3					
				ANGULAR ± 1 °		MATERIAL NO.									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART									
				J	REV	DESCRIPTION	QUALITY SYMBOLS	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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

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

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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.

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