

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0019091062](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter, .093" Pin and Socket Receptacle Housing with Positive Latch, 6 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	Polarized to Mating Part
Overview	standard_093
Product Name	Standard .093"

Physical

Breakaway	No
Circuits (maximum)	6
Circuits Detail	2x3
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	2
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

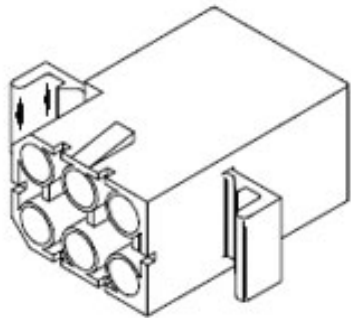
Current - Maximum per Contact	9A
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Material Info

Old Part Number	1991-6R1
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Reference - Drawing Numbers

Packaging Specification	PK-1991-002
Product Specification	PS-02-09
Sales Drawing	SD-1991-6*



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**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

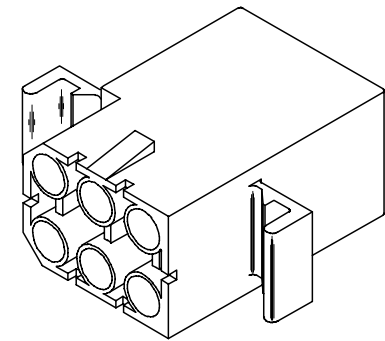
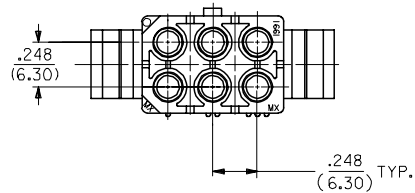
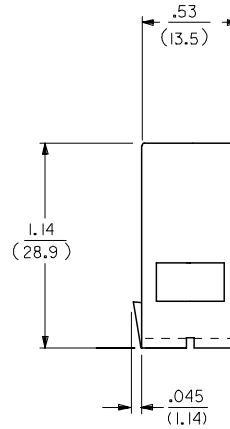
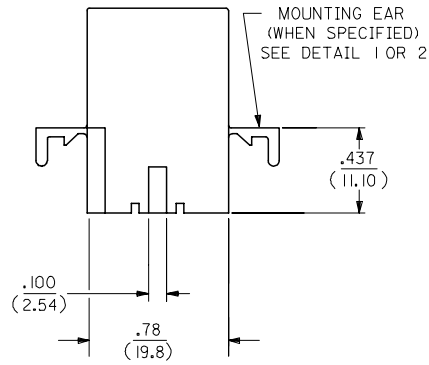
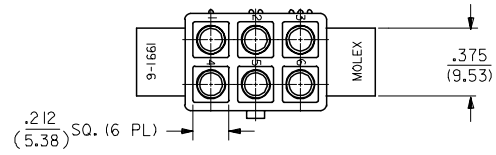
[19-09-2061](#) Plug, [19-09-2062](#) Plug

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

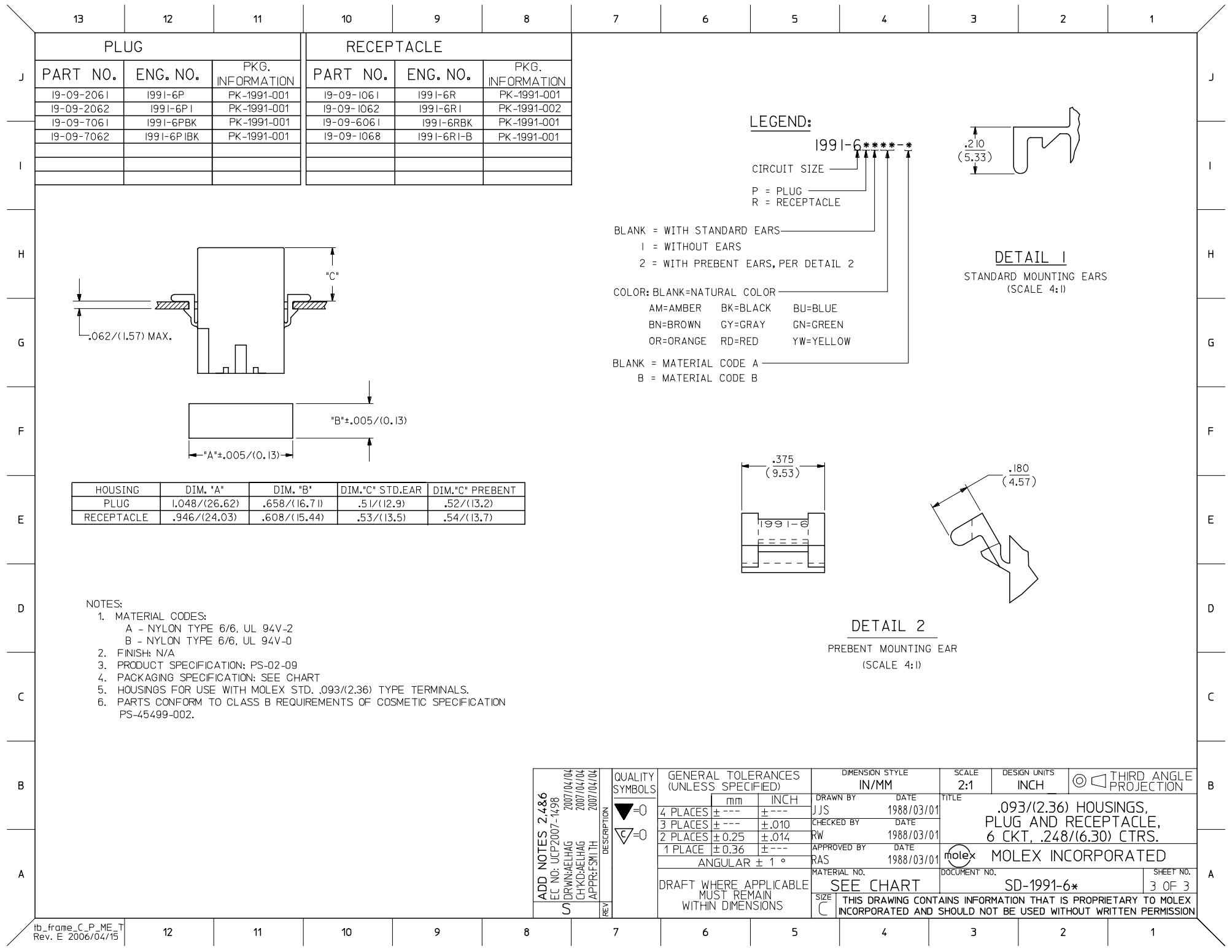
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RECEPTACLE



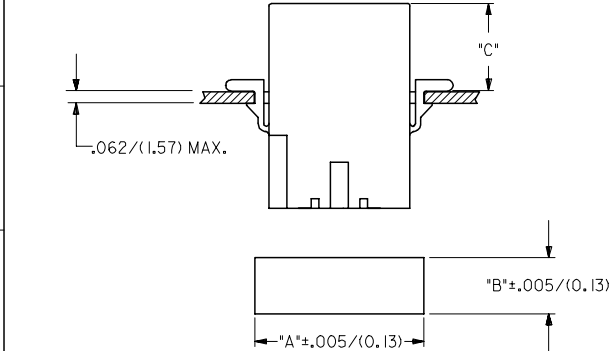
RECEPTACLE HOUSING

UPDATE TITLE BLOCK EC NO: UCP2007-1498 DRWN: AELHAG 2007/04/04 CHKD: AELHAG 2007/04/04 APPR: FSM TH 2007/04/04 REV: 5	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				IN/MM		2:1	INCH			
				DRAWN BY	DATE	TITLE				
				JJS	1988/02/25					
				CHECKED BY	DATE	.093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 6 CKT, .248/(6.30) CTRS.				
				RW	1988/02/25					
				APPROVED BY	DATE	MOLEX INCORPORATED				
				RAS	1988/02/25					
				MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				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		SEE CHART		SD-1991-6*		2 OF 3				



13 12 11 10 9 8 7 6 5 4 3 2 1

PLUG			RECEPTACLE		
PART NO.	ENG. NO.	PKG. INFORMATION	PART NO.	ENG. NO.	PKG. INFORMATION
I9-09-2061	I991-6P	PK-1991-001	I9-09-1061	I991-6R	PK-1991-001
I9-09-2062	I991-6P1	PK-1991-001	I9-09-1062	I991-6R1	PK-1991-002
I9-09-7061	I991-6PBK	PK-1991-001	I9-09-6061	I991-6RBK	PK-1991-001
I9-09-7062	I991-6P1BK	PK-1991-001	I9-09-1068	I991-6R1-B	PK-1991-001

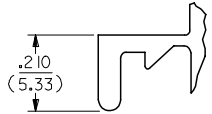


HOUSING	DIM. "A"	DIM. "B"	DIM. "C" STD.EAR	DIM. "C" PREBENT
PLUG	.1048/(26.62)	.658/(16.71)	.51/(12.9)	.52/(13.2)
RECEPTACLE	.946/(24.03)	.608/(15.44)	.53/(13.5)	.54/(13.7)

NOTES:
1. MATERIAL CODES:
A - NYLON TYPE 6/6, UL 94V-2
B - NYLON TYPE 6/6, UL 94V-0
2. FINISH: N/A
3. PRODUCT SPECIFICATION: PS-02-09
4. PACKAGING SPECIFICATION: SEE CHART
5. HOUSINGS FOR USE WITH MOLEX STD. .093/(2.36) TYPE TERMINALS.
6. PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

LEGEND:
1991-6****-*

CIRCUIT SIZE
P = PLUG
R = RECEPTACLE

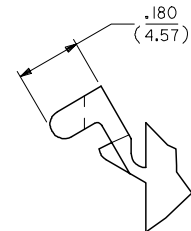
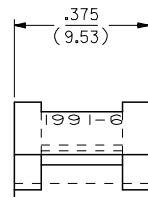


DETAIL 1
STANDARD MOUNTING EARS
(SCALE 4:1)

BLANK = WITH STANDARD EARS
1 = WITHOUT EARS
2 = WITH PREBENT EARS, PER DETAIL 2

COLOR: BLANK=NATURAL COLOR
AM=AMBER BK=BLACK BU=BLUE
BN=BROWN CY=GRAY GN=GREEN
OR=ORANGE RD=RED YW=YELLOW

BLANK = MATERIAL CODE A
B = MATERIAL CODE B



DETAIL 2
PREBENT MOUNTING EAR
(SCALE 4:1)

ADD NOTES 2.486 EC NO: UCP2007-1498 DRWNAELHAG 2007/04/04 CHKD: AELHAG 2007/04/04 APPR: FSM TH 2007/04/04	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 JJS	DATE 1988/03/01	.093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 6 CKT, .248/(6.30) CTRS.				
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	CHECKED BY RW	DATE 1988/03/01					
		2 PLACES ± 0.25 ± .014	1 PLACE ± 0.36 ± ---	APPROVED BY RAS	DATE 1988/03/01	MOLEX INCORPORATED				
ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

1b_frame_C_P_ME_T 12 11 10 9 8 7 6 5 4 3 2 1
Rev. E 2006/04/15



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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