

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0019092042

Status:

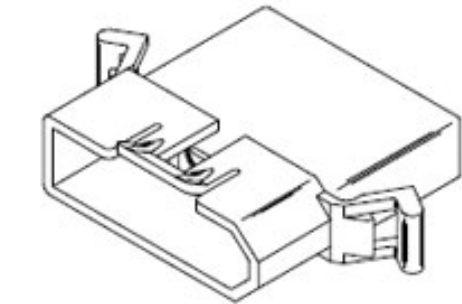
Active

Overview:

standard_093

Description:

2.36mm (.093") Diameter, .093" Pin and Socket Plug Housing with Positive Latch, 4 Circuits, Without Mounting Ears



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Packaging Specification \(PDF\)](#)
- [Product Specification PS-02-09 \(PDF\)](#)
- [Product Specification PS-1991-013 \(PDF\)](#)
- [Product Specification PS-1991-014 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R95725
UL	E29179

General

Product Family	Crimp Housings
Series	1991
Comments	Glow Wire Equivalent Part Number 50361743. Polarized to Mating Part
Overview	standard_093
Product Name	Standard .093"

Physical

Breakaway	No
Circuits (maximum)	4
Circuits Detail	2x2
Color - Resin	Natural
Flammability	94V-2
Gender	Female
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	1991-04P1
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Reference - Drawing Numbers

Product Specification	PS-02-09, PS-1991-013, PS-1991-014
Sales Drawing	SD-1991-4*

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

1991Series

Mates With

19-09-1042 Receptacle, 19-09-1043 Receptacle

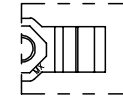
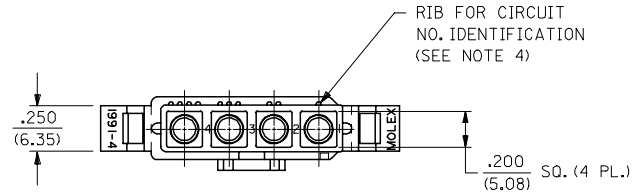
Use With

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

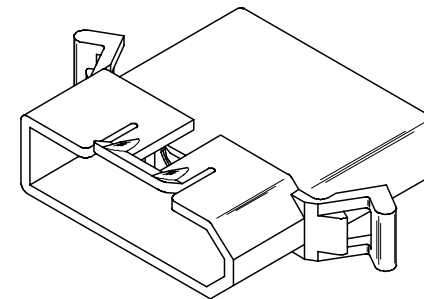
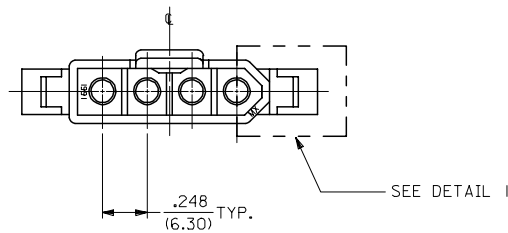
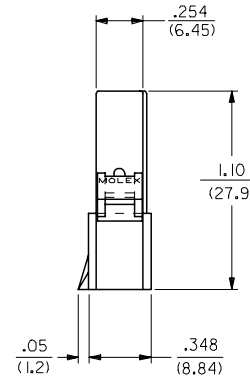
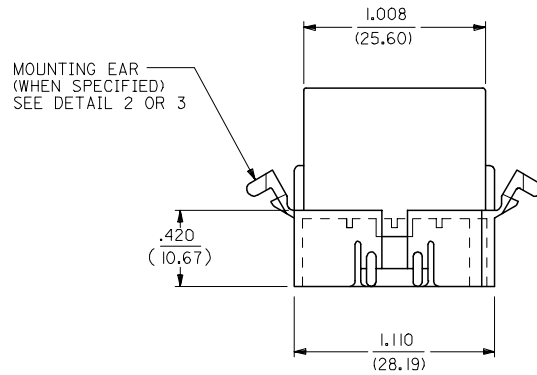
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PLUG



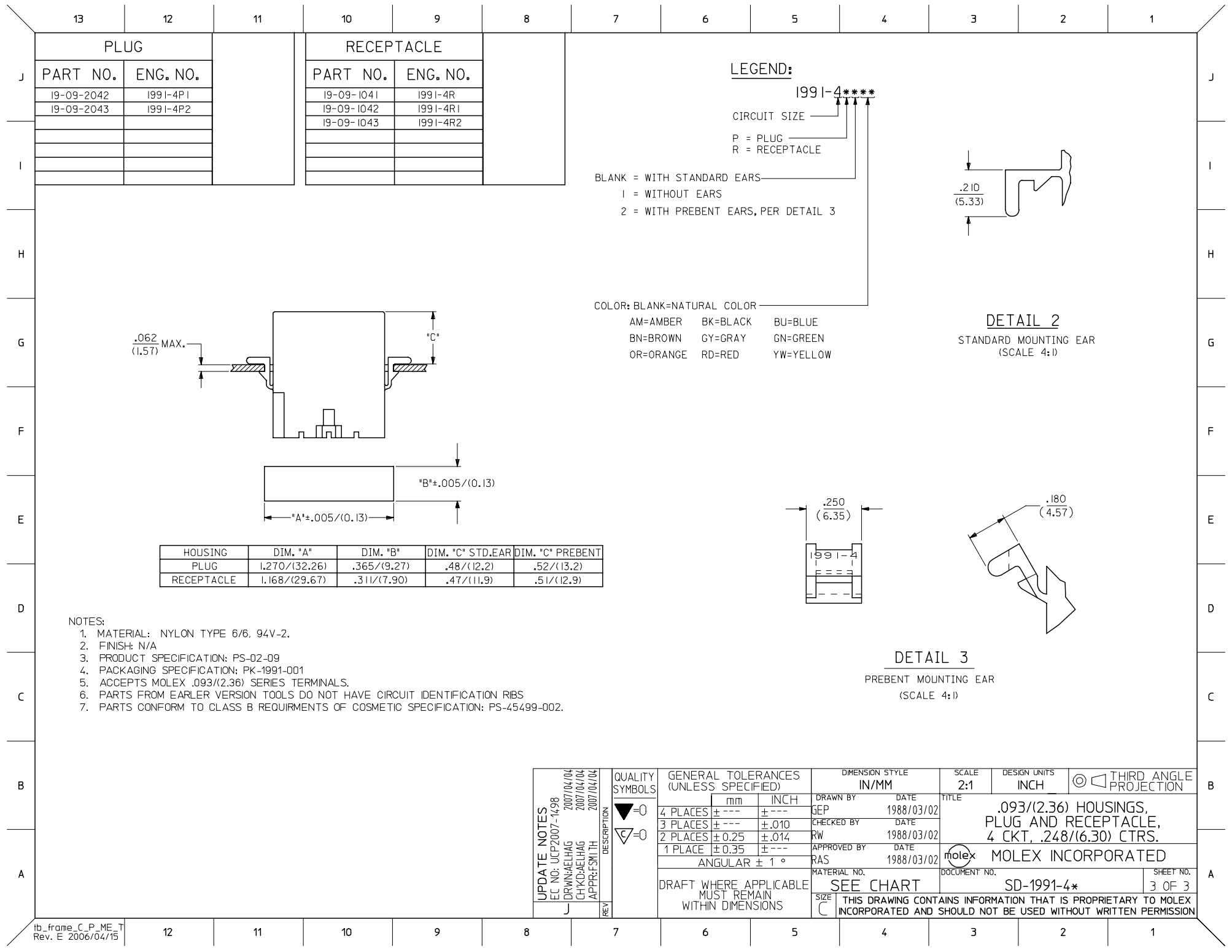
DETAIL 1



PLUG HOUSING

3	J
2	J
1	J
SHT.	REV.

UPDATE TITLE BLOCK EC NO: UCP2007-1498 DRW: AELHAG 2007/04/04 CHK: AELHAG 2007/04/04 APPR: FSM TH 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 1988/03/01	TITLE .093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS. MOLEX INCORPORATED			
			4 PLACES ± .010	± .010	CHECKED BY	DATE					
			3 PLACES ± .010	± .010	RW	1988/03/01					
			2 PLACES ± 0.25 ± .014		APPROVED BY	DATE					
			1 PLACE ± 0.35 ± .014		RAS	1988/03/01					
			ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-1991-4*			1 OF 3	
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



PLUG	
PART NO.	ENG. NO.
I9-09-2042	I991-4P1
I9-09-2043	I991-4P2

RECEPTACLE	
PART NO.	ENG. NO.
I9-09-1041	I991-4R
I9-09-1042	I991-4R1
I9-09-1043	I991-4R2

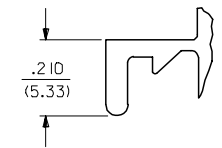
LEGEND:

I991-4****
CIRCUIT SIZE
P = PLUG
R = RECEPTACLE

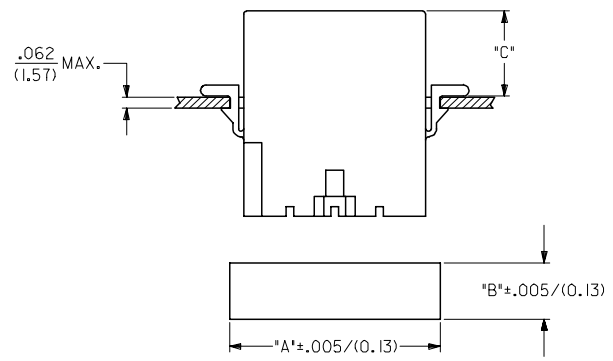
BLANK = WITH STANDARD EARS
1 = WITHOUT EARS
2 = WITH PREBENT EARS, PER DETAIL 3

COLOR: BLANK=NATURAL COLOR

AM=AMBER BK=BLACK BU=BLUE
BN=BROWN GY=GRAY GN=GREEN
OR=ORANGE RD=RED YW=YELLOW

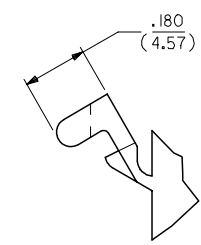
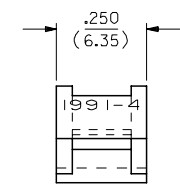


DETAIL 2
STANDARD MOUNTING EAR
(SCALE 4:1)



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 2007/04/04 CHKD: AELHAG 2007/04/04 APPR: FSM TH 2007/04/04	DESCRIPTION	QUALITY SYMBOLS ▽=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.				
			4 PLACES	± .---	± .---	CHECKED BY RW	DATE 1988/03/02					
			3 PLACES	± .---	± .010	APPROVED BY RAS	DATE 1988/03/02					
			2 PLACES	± 0.25	± .014	MOLEX MOLEX INCORPORATED						
			1 PLACE	± 0.35	± .---						DOCUMENT NO. SD-1991-4*	
ANGULAR ± 1 °			MATERIAL NO. SEE CHART		SHEET NO. 3 OF 3							
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									



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Электрон
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