

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0050361691

Status:

Active

Overview:

[standard_093](#)

Description:

2.36mm (.093") Diameter, .093" Pin and Socket Receptacle Housing with Positive Latch, 6 Circuits, Without Mounting Ears, Glow Wire Compatible

Documents:

[3D Model](#)

[Packaging Specification \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-02-09 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Housings
Series	1991
Comments	Polarized to Mating Part, Nylon PA 6, UL94 V-0
Overview	standard_093
Product Name	Standard .093"
Physical	
Breakaway	No
Circuits (maximum)	4
Circuits Detail	1x4
Color - Resin	Black
Gender	Receptacle
Glow-Wire Compliant	Yes
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
Pitch - Term. Interface (in)	0.248 In
Pitch - Term. Interface (mm)	6.30 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Material Info	
Old Part Number	1991-4R1-1
Reference - Drawing Numbers	
Product Specification	PS-02-09
Sales Drawing	SD-1991-4**1

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

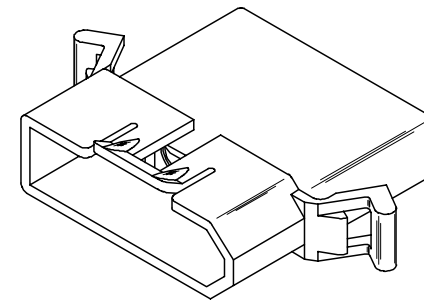
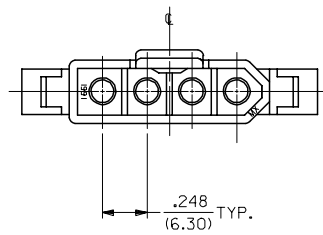
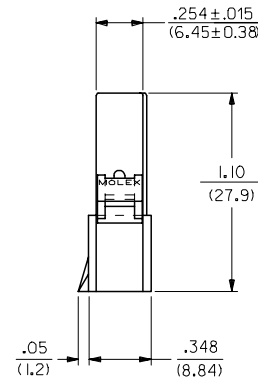
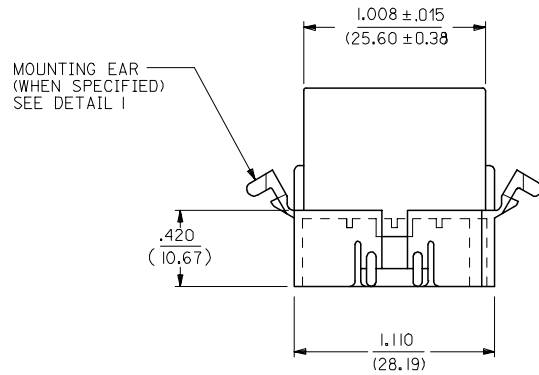
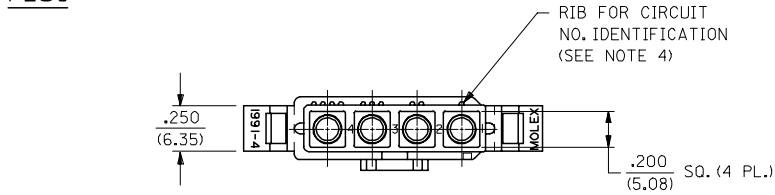
[50-36-1743](#) Pin and Socket Plug

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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PLUG

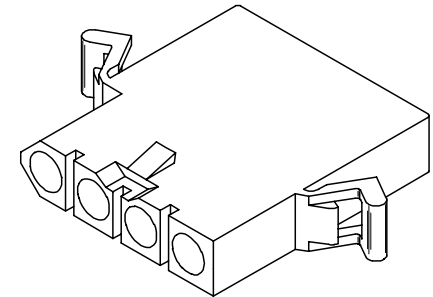
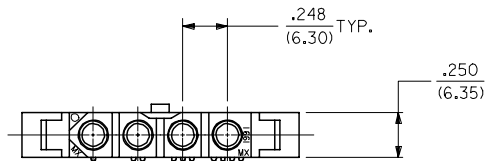
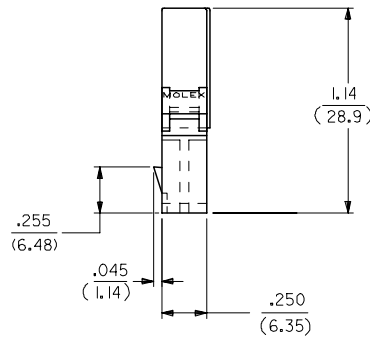
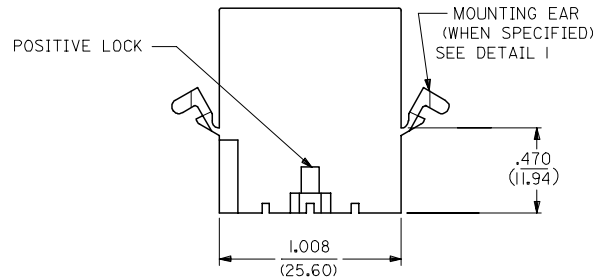
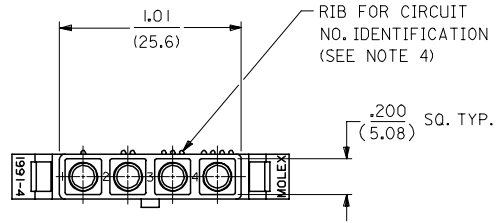


PLUG HOUSING

3	A
2	A
1	A
SHT.	REV.

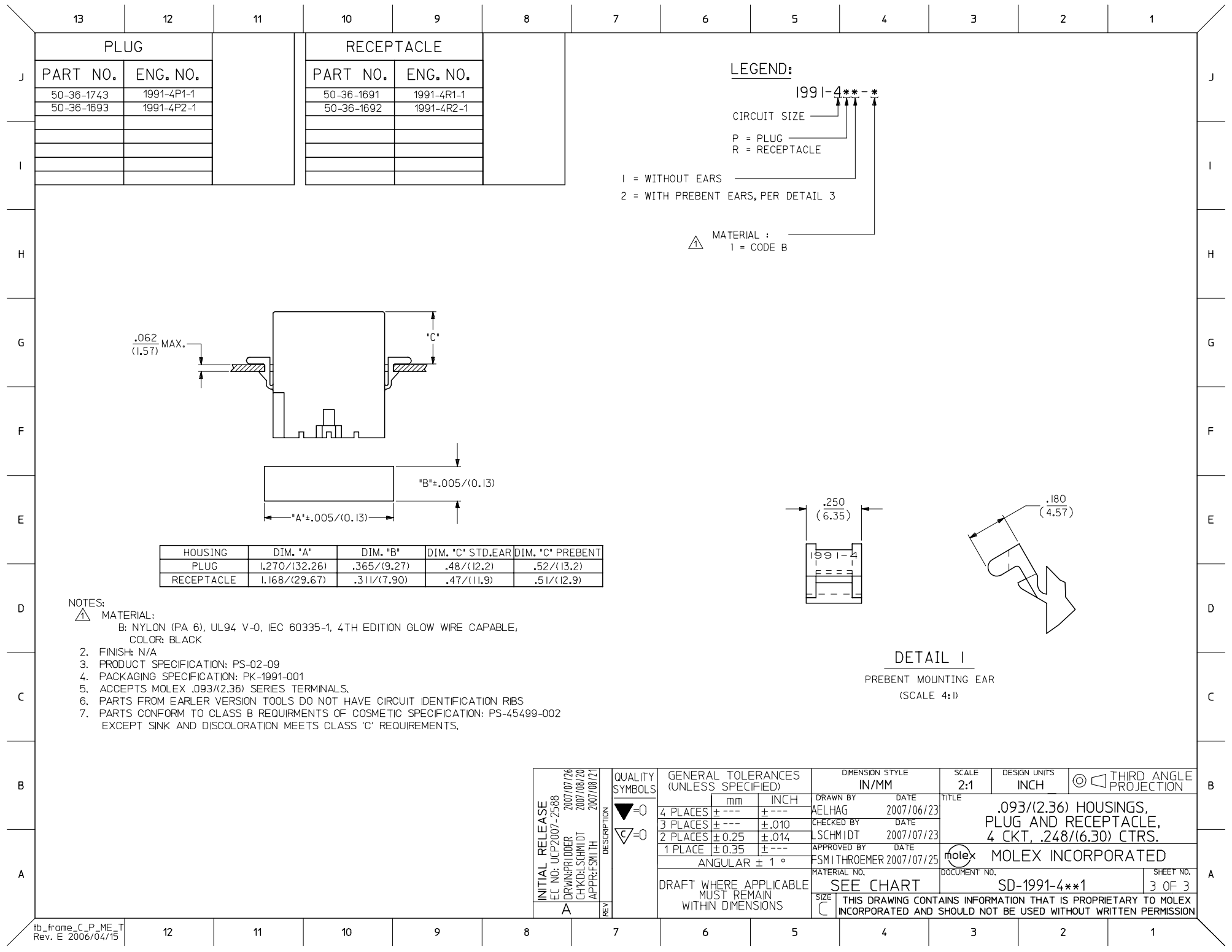
INITIAL RELEASE EC NO: UCP2007-2588 DRWN:PRD/DER 2007/07/26 CHKD:L.SCHMIDT 2007/08/20 APPR:FSM TH 2007/08/21		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
					IN/MM		2:1	INCH			
					DRAWN BY DATE		TITLE				
					AELHAG 2007/06/23		.093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS.				
					CHECKED BY DATE		MOLEX INCORPORATED				
					LSCMIDT 2007/07/23						
					APPROVED BY DATE		SD-1991-4**1				
					FSM THROEMER 2007/07/25						
					MATERIAL NO.		DOCUMENT NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 1 OF 3					
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

RECEPTACLE



RECEPTACLE HOUSING

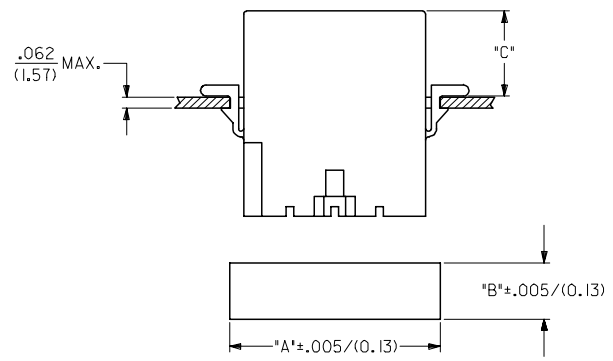
INITIAL RELEASE EC NO: UCP2007-2588 DRAWN BY: AELHAG CHECKED BY: L.SCHMIDT APPROVED BY: FSM TH DATE: 2007/07/26 DATE: 2007/08/20 DATE: 2007/08/21			QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
DESCRIPTION	REV			mm	INCH	DRAWN BY	DATE	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		± .014	± .014	APPROVED BY	DATE				
		2 PLACES		± .025	± .014	MATERIAL NO.					
		1 PLACE		± .035	± .014	DOCUMENT NO.					
ANGULAR		± 1 °	FSM THROEMER 2007/07/25		SD-1991-4**1		SHEET NO. 2 OF 3				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART							
A				C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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

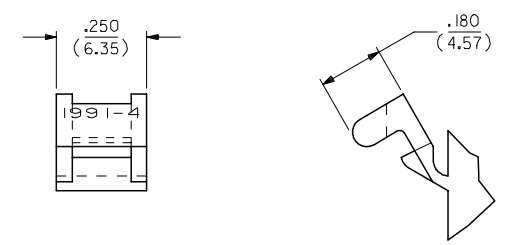
PLUG		RECEPTACLE	
PART NO.	ENG. NO.	PART NO.	ENG. NO.
50-36-1743	1991-4P1-1	50-36-1691	1991-4R1-1
50-36-1693	1991-4P2-1	50-36-1692	1991-4R2-1

LEGEND:
1991-4**-*
CIRCUIT SIZE
P = PLUG
R = RECEPTACLE
1 = WITHOUT EARS
2 = WITH PREBENT EARS, PER DETAIL 3
MATERIAL:
1 = CODE B



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:
B: NYLON (PA 6), UL94 V-0, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE,
COLOR: BLACK
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
EXCEPT SINK AND DISCOLORATION MEETS CLASS 'C' REQUIREMENTS.



DETAIL 1
PREBENT MOUNTING EAR
(SCALE 4:1)

INITIAL RELEASE EC NO: UCP2007-2588 DRAWN BY: DER CHKD: SCHMIDT APPR: FSM TH 2007/07/26 2007/08/20 2007/08/21	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □			
								TITLE					
				4 PLACES ± --- ± ---		DRAWN BY DATE AELHAG 2007/06/23		.093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS.					
				3 PLACES ± --- ± .010		CHECKED BY DATE SCHMIDT 2007/07/23							
				2 PLACES ± 0.25 ± .014		APPROVED BY DATE FSM THROEMER 2007/07/25		molex MOLEX INCORPORATED					
				1 PLACE ± 0.35 ± ---		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				ANGULAR ± 1 °		SEE CHART		SD-1991-4**1		3 OF 3			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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