

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0050361693

Status:

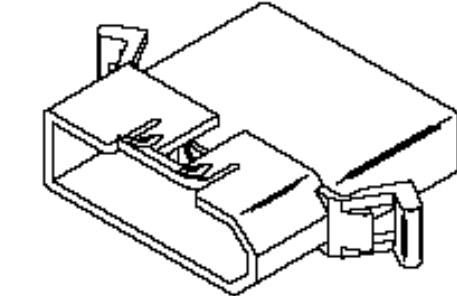
Active

Overview:

standard_093

Description:

2.36mm (.093") Diameter, .093" Pin and Socket Plug Housing with Positive Latch, 4 Circuits, With Prebent Mounting Ears, Glow Wire Compatible



Series

image - Reference only

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
Overview	standard_093
Product Name	Standard .093"

Physical

Breakaway	No
Circuits (maximum)	4
Circuits Detail	1x4
Color - Resin	Black
Gender	Plug
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
Ports	1
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Material Info

Old Part Number	1991-4P2-1
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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

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

1991Series

Mates With

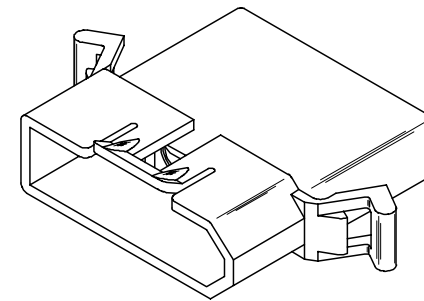
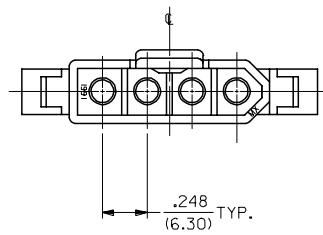
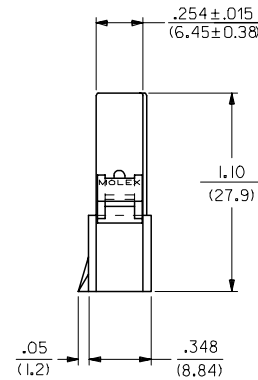
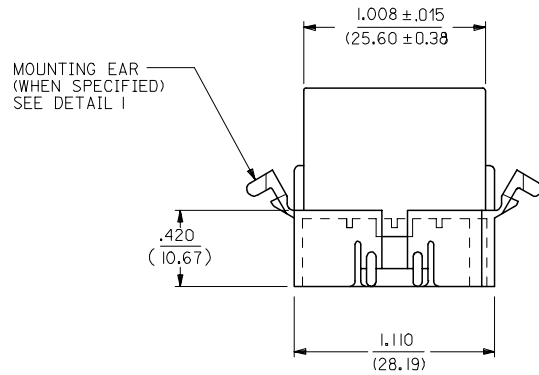
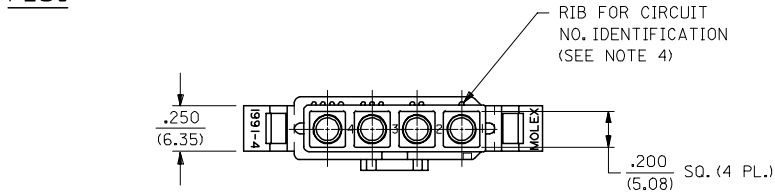
50-36-1692 Pin and Socket Receptacle

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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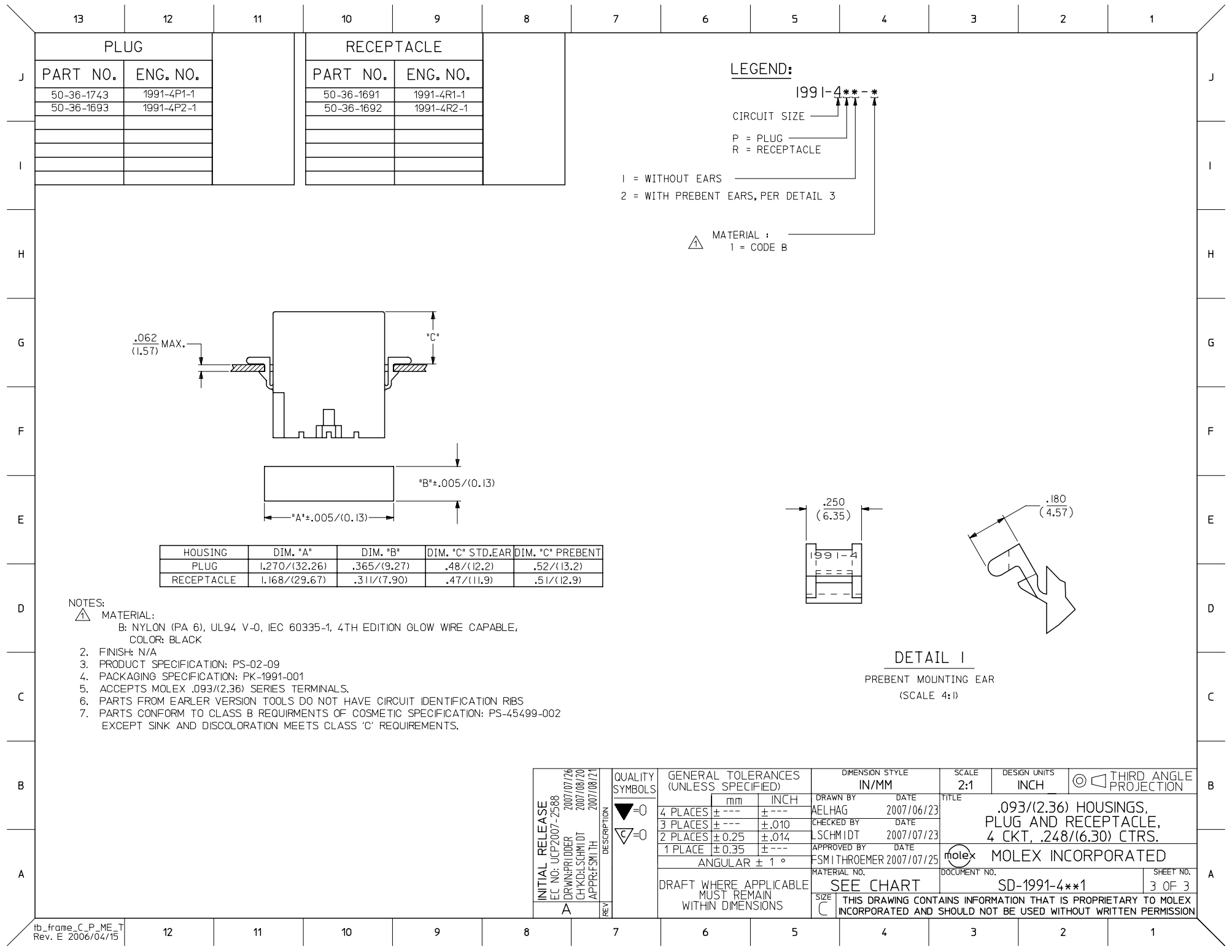
PLUG



PLUG HOUSING

3	A
2	A
1	A
SHT.	REV.

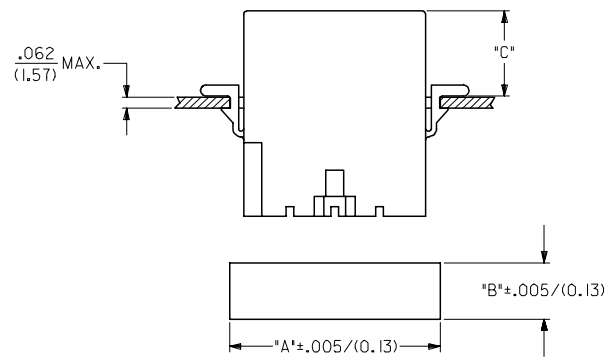
INITIAL RELEASE EC NO: UCP2007-2588 DRWN:PRD/DER 2007/07/26 CHKD:L.SCHMIDT 2007/08/20 APPR:FSM TH 2007/08/21 A			QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>±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



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

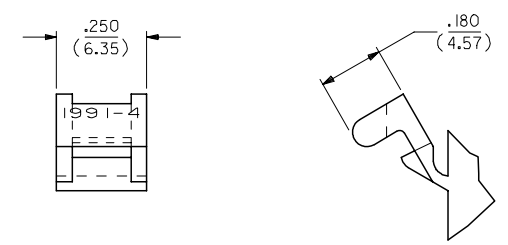
PLUG		RECEPTACLE	
PART NO.	ENG. NO.	PART NO.	ENG. NO.
50-36-1743	1991-4P1-1	50-36-1691	1991-4R1-1
50-36-1693	1991-4P2-1	50-36-1692	1991-4R2-1

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	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY AELHAG	DATE 2007/06/23	TITLE .093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 4 CKT, .248/(6.30) CTRS. MOLEX MOLEX INCORPORATED		
				4 PLACES	± .---	± .---	CHECKED BY SCHMIDT	DATE 2007/07/23			
				3 PLACES	± .---	± .010	APPROVED BY FSM TH				DATE 2007/07/25
				2 PLACES	± 0.25	± .014	MATERIAL NO.				DOCUMENT NO.
				1 PLACE	± 0.35	± .---	SD-1991-4**1				SHEET NO. 3 OF 3
				ANGULAR ± 1 °		SEE CHART					
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

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

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