

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0019091122](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter, .093" Pin and Socket Receptacle Housing with Positive Latch, 12 Circuits, 3 Rows, Free Hanging

Documents:

3D Model	Product Specification PS-02-09 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification (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)	12
Circuits Detail	3x4
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	3
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

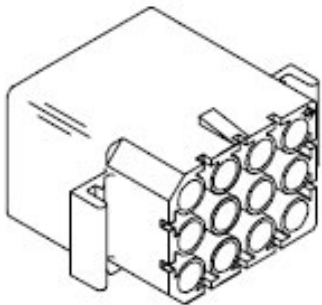
Current - Maximum per Contact	7.5A
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Material Info

Old Part Number	1991-12R1
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Reference - Drawing Numbers

Packaging Specification	PK-1991-002
Product Specification	PS-02-09
Sales Drawing	SD-1991-12*



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

[19-09-2122](#) Plug

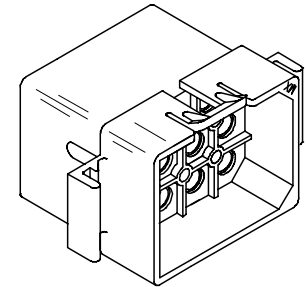
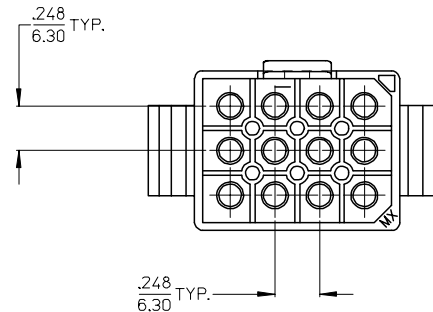
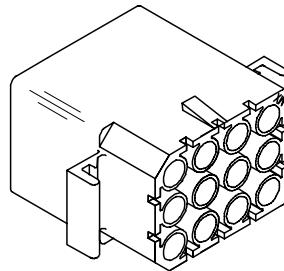
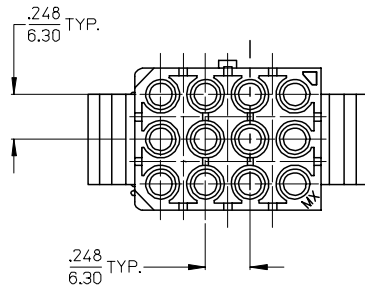
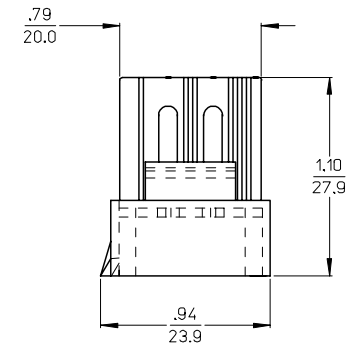
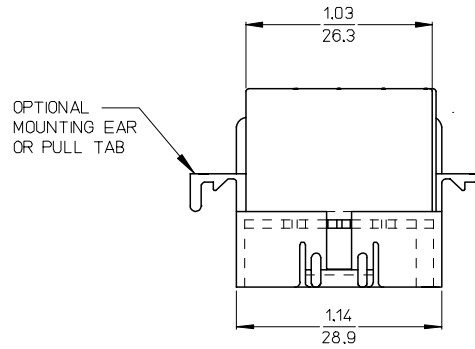
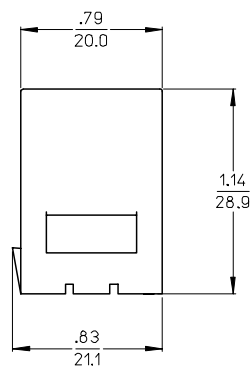
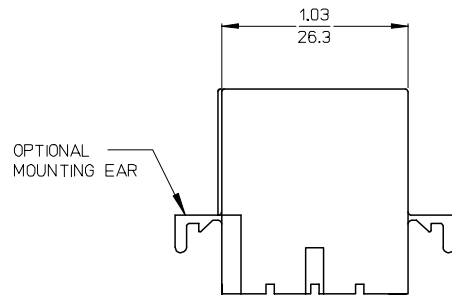
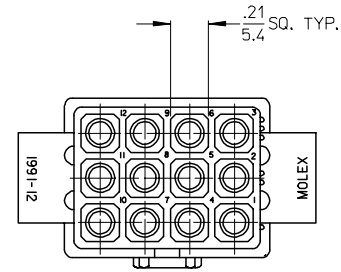
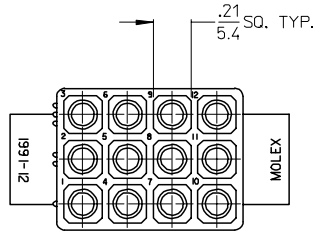
Use With

[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

PLUG



UPDATE TITLE BLOCK
EC NO: UCP2007-1498
DRAWN: AELHAG
CHKD: AELHAG
APPR: FSM TH

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± .005
3 PLACES ± .010
2 PLACES ± .014
1 PLACE ± .035
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM
DRAWN BY KBW
CHECKED BY RW
APPROVED BY RAS
MATERIAL NO.
SIZE C

SCALE 2:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION
TITLE .093/(2.36) HOUSINGS
PLUG & RECEPTACLE 12 CKT
.248/(6.30) CENTERS
molex MOLEX INCORPORATED
DOCUMENT NO. SD-1991-12*
SHEET NO. 1 OF 2

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

PLUG			RECEPTACLE		
ORDER NO	ENG NO	PKG. INFORMATION	ORDER NO	ENG NO	PKG. INFORMATION
19-09-2 I2 I	1991-I2P	PK-1991-001	19-09-1 I2 I	1991-I2R2	PK-1991-001
19-09-2 I22	1991-I2P2	PK-1991-002	19-09-1 I22	1991-I2R1	PK-1991-002
19-09-7 I2 I	1991-I2PBK	PK-1991-001	19-09-6 I2 I	1991-I2R2BK	PK-1991-001
-	-		19-09-6 I22	1991-I2R1BK	PK-1991-001
-	-		-	-	
-	-		-	-	

LEGEND:

1991-I2****

CIRCUIT SIZE

P = PLUG
R = RECEPTACLE

BLANK = WITH PULL TABS
1 = WITHOUT EARS/WITHOUT PULL TABS
2 = WITH STANDARD EARS
3 = WITH PREBENT EARS

COLOR:

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

DETAIL A
STANDARD MOUNTING EAR
(SCALE 4:1)

DETAIL C
PULL TAB
(SCALE 4:1)

DETAIL B
PREBENT MOUNTING EAR
(SCALE 4:1)

RECOMMENDED PANEL OPENING

HOUSING	DIM. "A"	DIM. "B"	"C" PREBENT EAR	"C" STANDARD EAR
PLUG	1.300/(33.02)	.910/(23.11)	.31/(7.9)	.30/(7.6)
RECEPT.	1.194/(30.33)	.850/(21.60)	.54/(13.7)	.53/(13.5)

NOTES:

- MATERIAL: NYLON TYPE 6/6, 94V-2 PER E.S.-128A-*
- FINISH: N/A
- PRODUCT SPECIFICATION: PS-02-09
- PACKAGING INFORMATION: SEE CHART
- HOUSINGS FOR USE WITH MOLEX STANDARD .093/(2.36) TYPE TERMINALS.
- PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ADD NOTES 2.4 & 6
EC NO: UCP2007-1498
DRAWN BY: DRWNAELHAG
CHECKED BY: CHYKDAELHAG
APPROVED BY: APPRFSMTH
DATE: 2007/04/04
DATE: 2007/04/04
DATE: 2007/04/04

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±.005	±.0005
3 PLACES	±.010	±.0010
2 PLACES	±.025	±.010
1 PLACE	±.035	±.015

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM

DRAWN BY: KBW
CHECKED BY: RW
APPROVED BY: RAS
DATE: 1989/04/25
DATE: 1989/04/25
DATE: 1989/04/25

SCALE 2:1

DESIGN UNITS INCH

THIRD ANGLE PROJECTION

TITLE

.093/(2.36) HOUSINGS
PLUG & RECEPTACLE 12 CKT
.248/(6.30) CENTERS

MOLEX INCORPORATED

DOCUMENT NO. SD-1991-12*

SHEET NO. 2 OF 2

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ib_frame_C_P_ME_T
Rev. D 2004/04/02

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