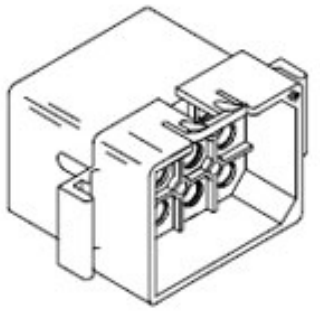
molex
one company > a world of innovation

This document was generated on 05/18/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0019092122
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter, .093" Pin and Socket Plug Housing with Positive Latch, 12 Circuits, 3 Rows, Panel Mount



Series image - Reference only

Documents:

3D Model
Packaging Specification (PDF)
Drawing (PDF)
Product Specification PS-02-09 (PDF)
RoHS Certificate of Compliance (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	Female
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	Yes
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

Material Info

Old Part Number	1991-12P2

Reference - Drawing Numbers

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

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
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

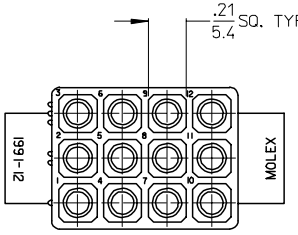
Mates With
19-09-1121 Receptacle, 19-09-1122 Receptacle

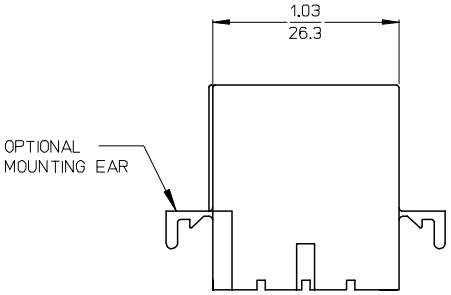
Use With
1189 Crimp Terminals, 1190 Crimp Terminals, 1380 Male Crimp Terminals, 1381 Female Crimp Terminals, 1433 Crimp Terminals, 1434 Male Crimp Terminals, 1973 , 2151 , 2273 , 2870 , 2871 , 4272 , 4550 , 6271 , Lin

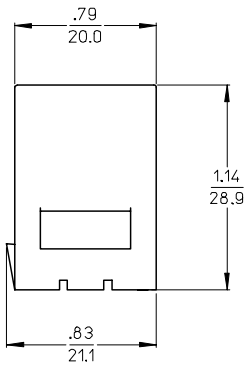
This document was generated on 05/18/2010

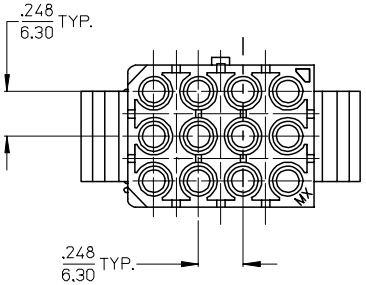
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

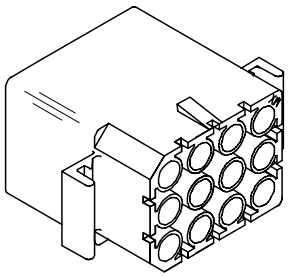
RECEPTACLE



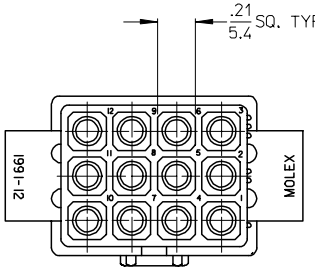


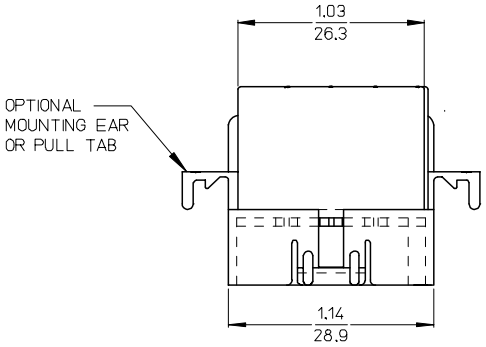


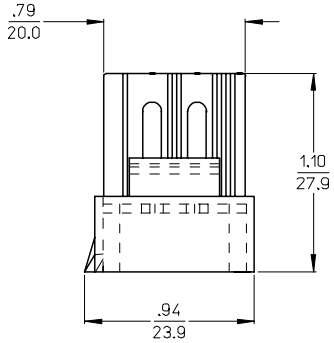


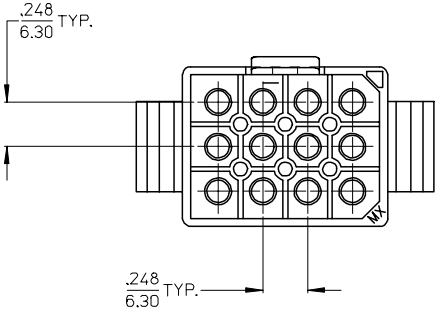


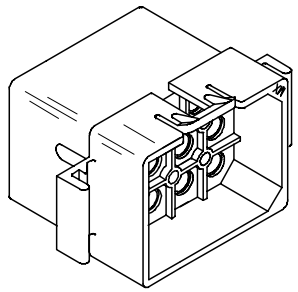
PLUG











2	E
1	E
SHT.	REV.

UPDATE TITLE BLOCK
EC NO: UCP2007-1498 2007/04/04
DRWN:AELHAG 2007/04/04
CHKD:AELHAG 2007/04/04
APPR:FSMITH 2007/04/04
REV DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

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

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

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-1991-12*
SHEET NO.: 1 OF 2

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

tb_frame_C_P_ME_T
Rev. D 2004/04/02

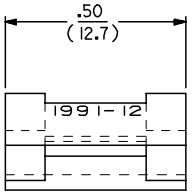
PLUG		
ORDER NO	ENG NO	PKG. INFORMATION
19-09-2121	1991-12P	PK-1991-001
19-09-2122	1991-12P2	PK-1991-002
19-09-7121	1991-12PBK	PK-1991-001
- -		
- -		
- -		

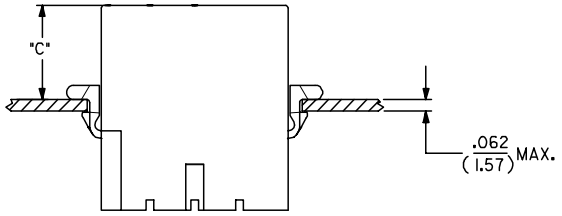
RECEPTACLE		
ORDER NO	ENG NO	PKG. INFORMATION
19-09-1121	1991-12R2	PK-1991-001
19-09-1122	1991-12R1	PK-1991-002
19-09-6121	1991-12R2BK	PK-1991-001
19-09-6122	1991-12R1BK	PK-1991-001
- -		
- -		

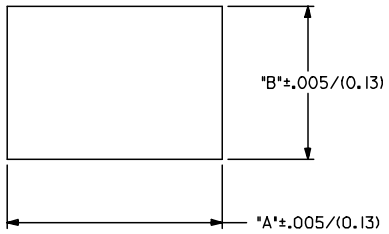
LEGEND:

1991-12****

- 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

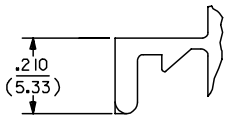






RECOMMENDED PANEL OPENING

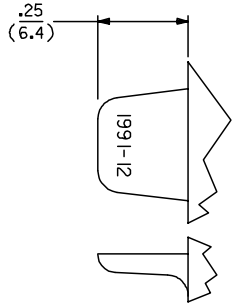
HOUSING	DIM. "A"	DIM. "B"	"C" PREBENT EAR	"C" STANDARD EAR
PLUG	1.300/(33.02)	.910/(23.11)	.31/(7.9)	.30/(7.6)
RECEPT.	1.194/(30.33)	.850/(21.60)	.54/(13.7)	.53/(13.5)



DETAIL A

STANDARD MOUNTING EAR

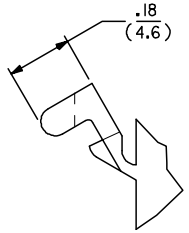
(SCALE 4:1)



DETAIL C

PULL TAB

(SCALE 4:1)



DETAIL B

PREBENT MOUNTING EAR

(SCALE 4:1)

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

ADD NOTES 2,4,& 6 — EC NO: UCP2007-1498 — DRWN:AELHAG 2007/04/04 — CHKD:AELHAG 2007/04/04 — APPR:FSMITH 2007/04/04 — DESCRIPTION — REV: E

QUALITY SYMBOLS: ▼=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM

SCALE: 2:1

DESIGN UNITS: INCH

THIRD ANGLE PROJECTION

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

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

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART

DOCUMENT NO.: SD-1991-12*

SHEET NO.: 2 OF 2

SIZE: C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION