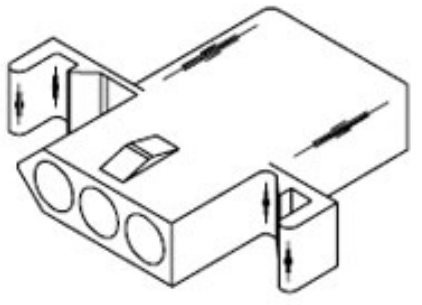
This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0003091033
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter Standard .093 Pin and Socket Receptacle Housing, 3 Circuits, Single Row, Free-Hanging, without Passive Lock Ramps



Series image - Reference only

Documents:

- 3D Model
- Packaging Specification (PDF)
- Drawing (PDF)
- Product Specification PS-02-09 (PDF)
- Product Specification PS-43660-9999 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	1396
Comments	17.0A max. can be achieved when housing is used with 42477 or 42478 terminals
Overview	standard_093
Product Name	Standard .093"

Physical

Circuits (maximum)	3
Color - Resin	Natural
Flammability	94V-2
Gender	Dual
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.198 In
Pitch - Mating Interface (mm)	5.03 mm
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

Current - Maximum per Contact	14A

Material Info

Old Part Number	1396-R2

Reference - Drawing Numbers

Packaging Specification	PK-1396-001
Product Specification	PS-02-09, PS-43660-9999
Sales Drawing	SD-1396-*, SD-1396-001

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
1396Series

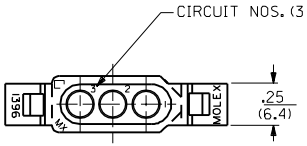
Mates With
3099 shrouded PCB connector, 1396p

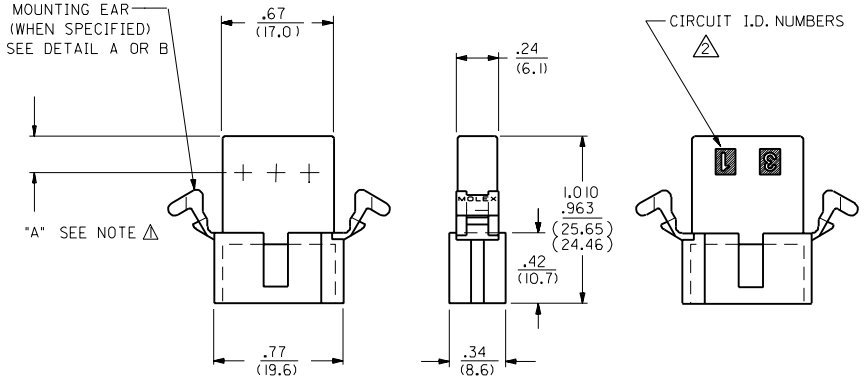
Use With
1189 Crimp Terminals, 1190 Crimp Terminals, 1376 Male PC Tail Terminals, 1377 Female PC Tail Terminals, 1380 Male Crimp Terminals, 1381 Female Crimp Terminals, 1433 Crimp Terminals, 1434 Male Crimp Terminals, 1973 , 2151 , 2273 , 2870 , 2871 , 4272 , 4550 , 6271 , 6310 , 42477 , 42478

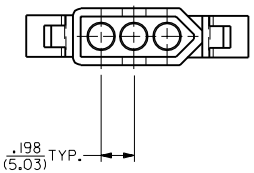
This document was generated on 05/17/2010

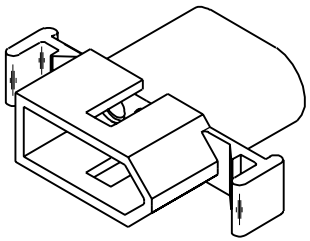
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

PLUG



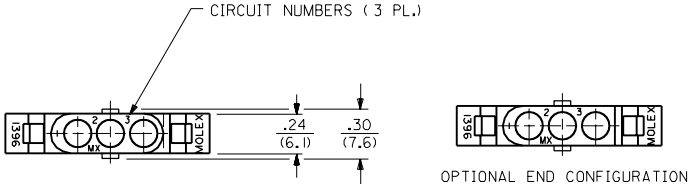


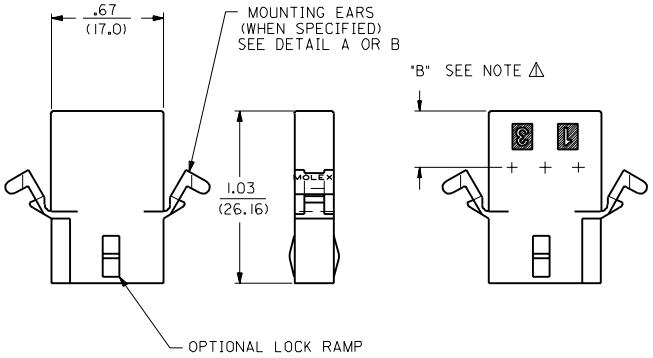


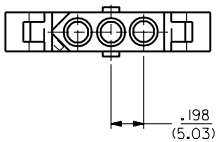


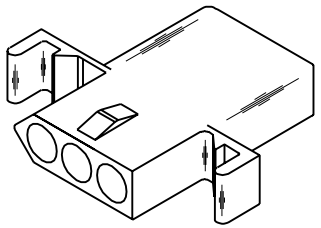
SHOWN ABOVE WITH STANDARD MOUNTING EAR

RECEPTACLE









SHOWN WITH STANDARD EAR

Y3	REVISED PER UCR2000-0583 3/1/00 DDS		
Y2	REMOVE -R3, -R5 VER. PER ECN #U6 1479 6-10-96 RW		
Y1	X-REMOVE 1396-R4 ECR U3 1583 GC 10/26/93 RW		
Y	ADD CKT. I.D. #'S PER ECR U3 0683 GC 5/4/93 RW		
X	REV MAT'L SPECS. ECR U2-1491 10-08-92 A.GUZIK		
W1	ADD -D VERSIONS. ECR U1 1106 GC 7/25/91 RW		
W	REVISE ON CAD ECR #U8 1381 JJS 4-24-88 RW	2	Y2
		1	Y3
LTR.	REVISIONS	SH.	REV.

NOTES:
⚠ DIMENSION FROM THE BACK OF HOUSING TO THE END OF THE BRUSH ON THE WIRE INSERTED INTO THE HOUSING
DIM "A"= .256/6.50 FOR 42477 & 42478 TERMINALS
.216/5.49 FOR ALL OTHER .093 TERMINALS
DIM "B"= .377/9.58 FOR 42477 & 42478 TERMINALS
.337/8.56 FOR ALL OTHER .093 TERMINALS

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.36

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW
APP'D. BY RAS | SCALE 2 : 1

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: .093/(2.36) HOUSING, PLUG & RECEPTACLE 3 CIRCUIT, .198/(5.03) ℄

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 1 of 2 | DATE 4/ 3/88

PART NO. SEE SHEET 2 | DRWG. NO. SD-1396-•

FILE NAME S1396JX1.DGN

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

DIV. CP | SIZE C

PLUG		RECEPTACLE	
ORDER NO.	ENG. NO.	ORDER NO.	ENG. NO.
03-09-2031	1396-P	03-09-1031	1396-R
03-09-2032	1396-P1	03-09-1032	1396-R1
03-09-7032	1396-P1BK	03-09-1033	1396-R2
03-09-7031	1396-PBK	03-09-6033	1396-R2BK
PRELIMINARY	1396-P-B	03-09-6032	1396-R1BK
		03-09-6031	1396-RBK
		PRELIMINARY	1396-R-B
		PRELIMINARY	1396-R1-B
		03-09-1081	1396-R4

LEGEND:

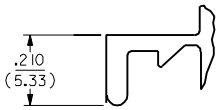
1396-****-*

P = PLUG
R = RECEPTACLE

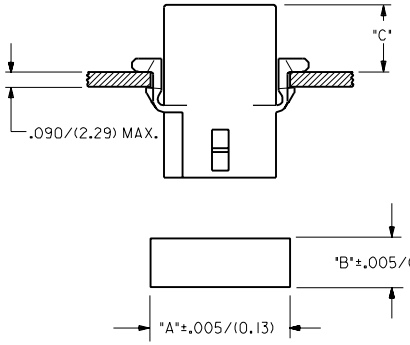
BLANK = WITH STANDARD EARS
1 = WITHOUT EARS
2 = RECEPTACLE WITHOUT EARS, WITHOUT LOCK RAMPS
3 = PLUG ONLY, W/ SIDE MOUNT (SEE SD-1396-P3)
4 = WITH PREBENT EARS

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

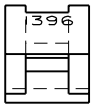
BLANK = NYLON 6/6, 94V-2
B = NYLON TYPE 6/6, 94V-2, UV STABILIZED

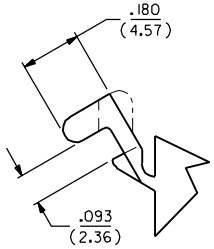


DETAIL A
STANDARD MOUNTING EAR
(SCALE 4:1)



RECOMMENDED PANEL MOUNTING HOLE





DETAIL B
PREBENT MOUNTING EAR
(SCALE 4:1)

HOUSING	DIM. "A"	DIM. "B"	"C" PREBENT EAR	"C" STANDARD EAR
PLUG	.933/(23.70)	.375/(9.53)	.40/(10.2)	.38/(9.7)
RECEPT.	.830/(21.08)	.312/(7.92)	.41/(10.4)	.39/(9.9)

NOTES:

1. MOLEX PRODUCT SPEC 02-09 APPLIES.
2. CIRCUIT I.D. NUMBERS ON SIDE OF HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 5/4/93.

LTR.	REVISIONS	LTR.	REVISIONS
		Y2	SEE SHEET 1
		Y1	SEE SHEET 1
		Y	SEE SHEET 1
		X	SEE SHEET 1
		W1	SEE SHEET 1
		W	SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.35

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW | APP'D. BY RAS | SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: .093/(2.36) HOUSINGS PLUG & RECEPTACLE 3 CIRCUIT, .198/(5.03)C

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 2 | DATE 4/8/88

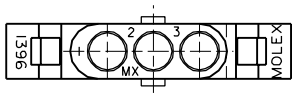
PART NO. SEE CHART | DRWG. NO. SD-1396-•

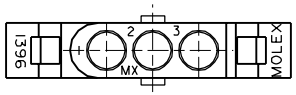
FILE NAME S1396X2.DGN

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

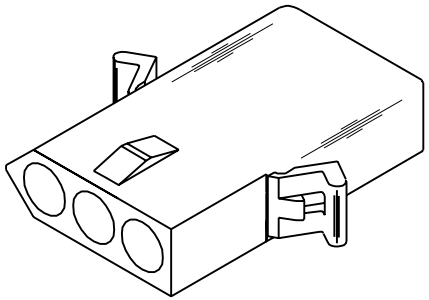
DIV. CP | SIZE C

DWG. NO. SD-1396-001





OPTIONAL END CONFIGURATION

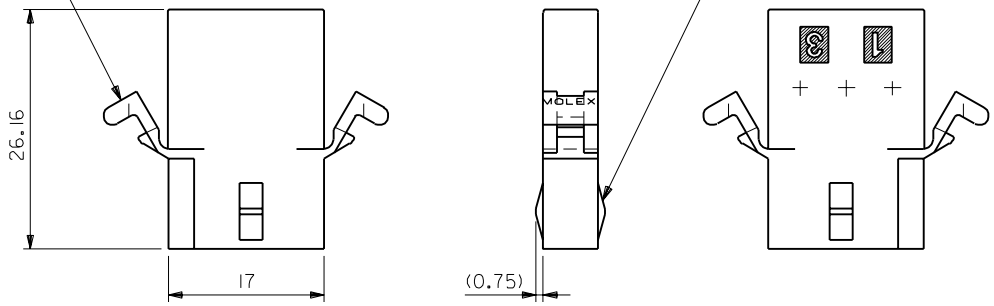


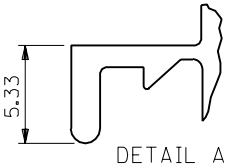
RECEPTACLE

MT'G EARS (表参照)

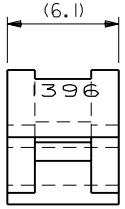
参照 DETAIL A OR B

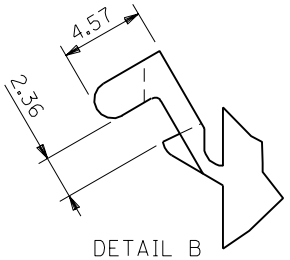
LOCKING TAB (表参照)



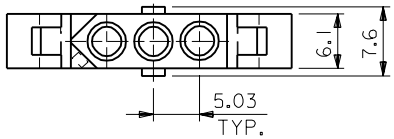


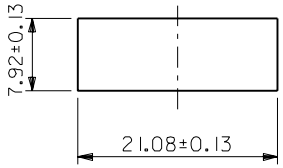
DETAIL A
(SCALE 4:1)





DETAIL B
(SCALE 4:1)





パネル取付穴寸法
(パネル厚 2.29最大)

1396R4	03-09-1081	有 WITH	有 WITH DETAIL B
1396R2	03-09-1033	無 WITHOUT	無 WITHOUT
1396R1	03-09-1032	有 WITH	無 WITHOUT
1396R	03-09-1031	有 WITH	有 WITH DETAIL A
ENG. NO.	EDP NO.	LOCKING TABS	MT'G EARS

MODEL NO. 03-09-1***

DO NOT SCALE DRAWING

EC NO. DRWN: CH'K: APPR:

EC NO. DRWN: CH'K: APPR:

EC NO. DRWN: CH'K: APPR:

EC NO. DRWN: CH'K: APPR:

REV | DESCRIPTION | EC NO. | DRWN | CH'K | APPR

O | RELEASED | JC2001-0078 | K.KOHAMA '00/08/28 | T.YAMAGUCHI | M.FUKUSHIMA

MATERIAL 材料: NYLON66 94V-2

FINISH 仕上げ

WIRE RANGE 適用電線範囲

INS. RANGE 被覆外径

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.25 ~~±0.2~~
10 OVER 以上 30 UNDER 未満	±0.3 ~~±0.25~~
30 OVER 以上	±0.35 ~~±0.3~~
ANGLE 角度	±3°

SCALE 2:1 | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE K.KOHAMA '00/08/28

CHECKED BY & DATE T.YAMAGUCHI '00/08/28

APPROVED BY & DATE M.FUKUSHIMA '00/08/28

CAD FILENAME 1396001.S01

TITLE: 3 CIRCUITS RCPT HSG (0.093 DIA TERMINAL)

molex MOLEX INCORPORATED

MATERIAL NO. SEE NOTES | DRAWING NO. SD-1396-001 | SHEET NO. 1 OF 1

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

SIZE B

1396001.S01

EN-02J(097) MXJ-54