

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

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

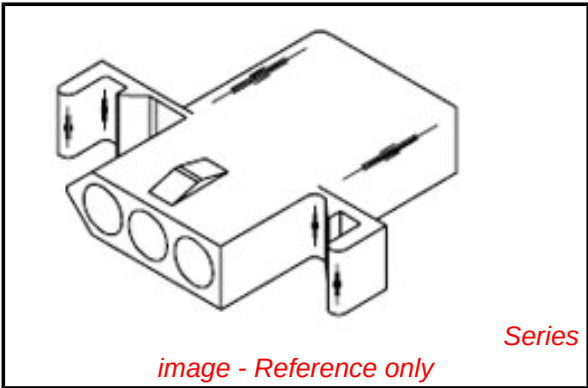
Current - Maximum per Contact 14A

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.

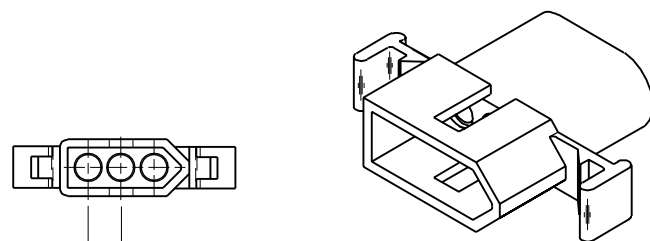
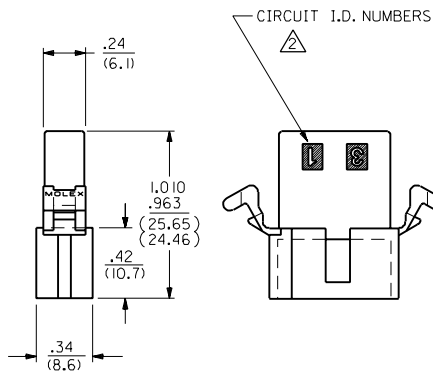
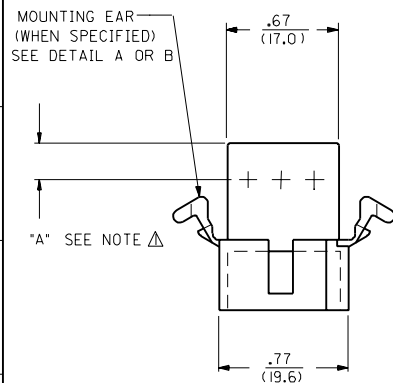
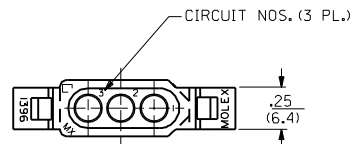
Search Parts in this Series
[1396Series](#)

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](#)

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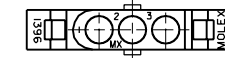
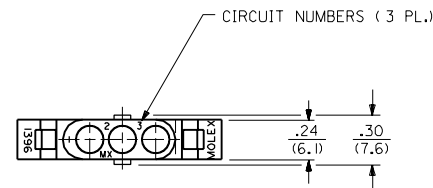
PLUG



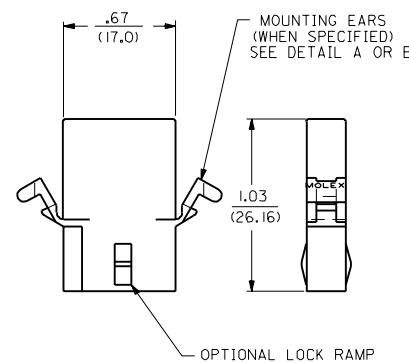
SHOWN ABOVE WITH STANDARD MOUNTING EAR

NOTES:
 Δ 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

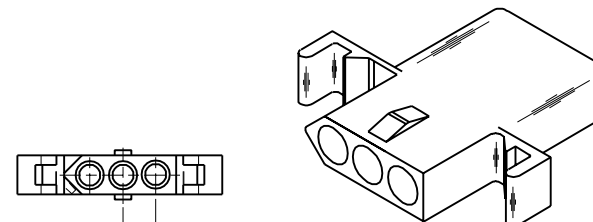
RECEPTACLE



OPTIONAL END CONFIGURATION



"B" SEE NOTE Δ



SHOWN WITH STANDARD EAR

2	Y2	W	REVISE ON CAD ECR #J8 1381 JJS 4-24-88 RW
1	Y3	W	REVISE ON CAD ECR #J8 1381 JJS 4-24-88 RW
MFG.	SH.	REV.	LTR.

REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH		▽ = 0	▼ = 0	TITLE	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		INCH		.093/(2.36) HOUSING, PLUG & RECEPTACLE	
3 PLACE	± .010	METRIC	---	3 CIRCUIT, .198/(5.03) Δ	
2 PLACE	± .014	---	± 0.25	MOLEX INCORPORATED	
1 PLACE	---	---	± 0.36	LITSEJLL. 60532	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO.		SHEET NO.	
DRAWN: JJS		CHKD: RW		1 of 2	
APP'D: RAS		SCALE: 2 : 1		DATE	
FILE NAME: S1396.3X1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		4 / 3 / 88	
SD-1396-•		SIZE		CP	

DWG. NO.
SD-1396-001

E

D

V

C

B

DO NOT SCALE DRAWING

8

7

6

5

4

3

2

1

F

E

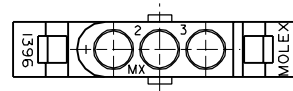
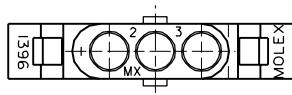
D

C

B

A

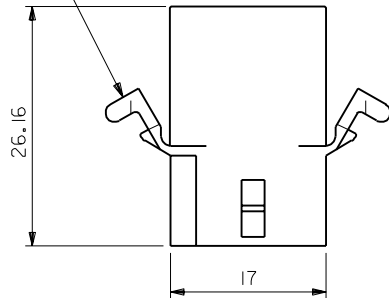
139600LS01



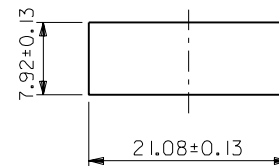
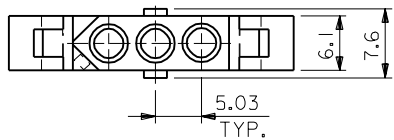
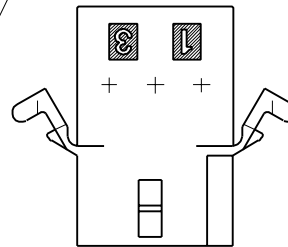
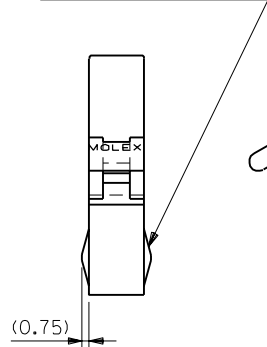
OPTIONAL END CONFIGURATION

MT'G EARS (表参照)

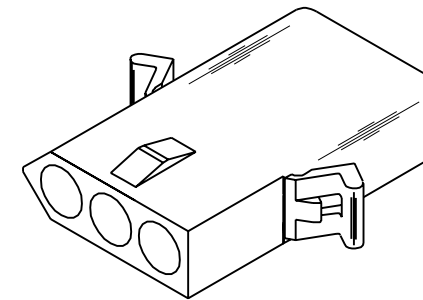
参照 DETAIL A OR B



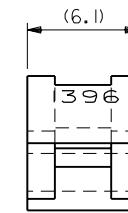
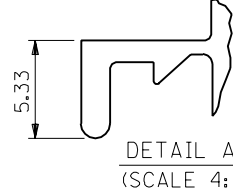
LOCKING TAB (表参照)



パネル取付穴法
(パネル厚 2.29最大)



RECEPTACLE



DETAIL B
(SCALE 4:1)

I396R4	03-09-1081	有	WITH	有	WITH DETAIL B
I396R2	03-09-1033	無	WITHOUT	無	WITHOUT
I396R1	03-09-1032	有	WITH	無	WITHOUT
I396R	03-09-1031	有	WITH	有	WITH DETAIL A
ENG. NO.	EDP NO.	LOCKING TABS	MT'G EARS		

MODEL NO.	03-09-1***	DIMENSIONS:	SHT	REV
SCALE	2:1	DESIGN UNITS	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
DRAWN BY & DATE	K.KOHAMA	TITLE:	3 CIRCUITS RCPT HSG	
CHECKED BY & DATE	T.YAMAGUCHI		(0.093 DIA TERMINAL)	
APPROVED BY & DATE	M.FUKUSHIMA			
CAD FILENAME	I39600LS01	MATERIAL NO.	SEE NOTES	
		DRAWING NO.	SD-1396-001	
		SHEET NO.	1 OF 1	

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EN-02J(097) MXJ-54

EC NO.	DRWN:	CHK:	APPR:	EC NO.	DRWN:	CHK:	APPR:	EC NO.	DRWN:	CHK:	APPR:	EC NO.	DRWN:	CHK:	APPR:	EC NO.	DRWN:	CHK:	APPR:

RELEASED	EC NO.	JC2001-0078
	DRWN:	K.KOHAMA
	CHK:	T.YAMAGUCHI
	APPR:	M.FUKUSHIMA

MATERIAL	材料	NYLON66
		94V-2
FINISH	仕上	17
WIRE RANGE	適用電線範囲	
INS. RANGE	被覆外径	

GENERAL TOLERANCES:	(UNLESS SPECIFIED)	一般公差
10 UNDER	未滿	+0.25
10 OVER	以上	+0.3
30 UNDER	未滿	+0.25
30 OVER	以上	+0.35
ANGLE	角度	+3°