

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0003092032](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093 Pin and Socket Plug Housing, 3 Circuits, Single Row

Documents:

3D Model	Product Specification PS-1396-002 (PDF)
Packaging Specification (PDF)	Product Specification PS-43660-9999 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-02-09 (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	Yes
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

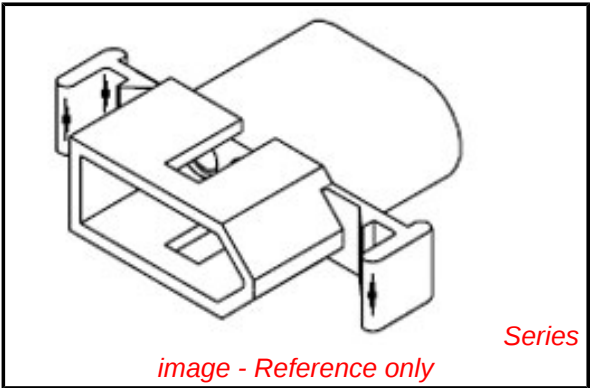
Current - Maximum per Contact	14A
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Material Info

Old Part Number	1396-P1
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Reference - Drawing Numbers

Packaging Specification	PK-1396-001
Product Specification	PS-02-09, PS-1396-002, PS-43660-9999
Sales Drawing	SD-1396-*, SD-1396-002



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**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

[1396Series](#)

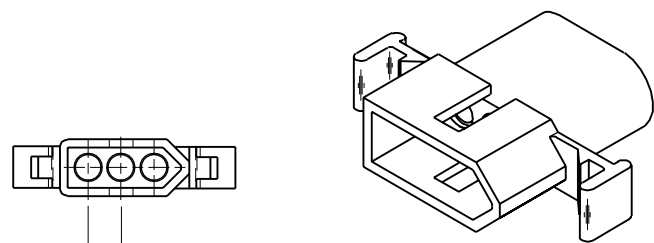
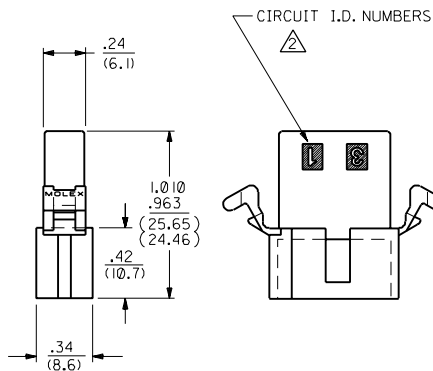
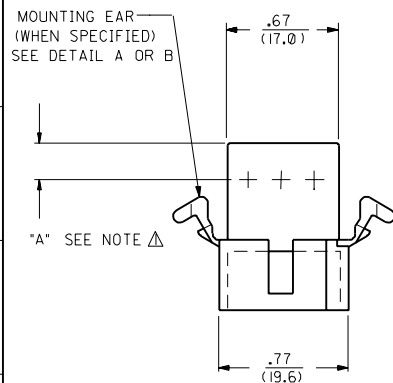
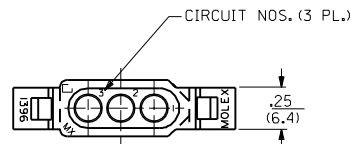
Mates With

[1396r](#)

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](#)

PLUG

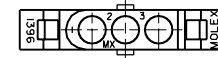
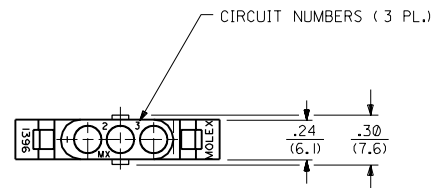


.198
(5,03) TYP.

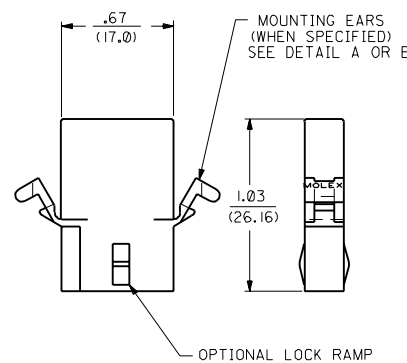
SHOWN ABOVE WITH STANDARD MOUNTING EAR

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

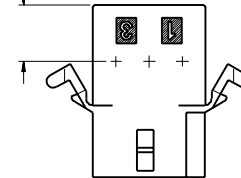
RECEPTACLE



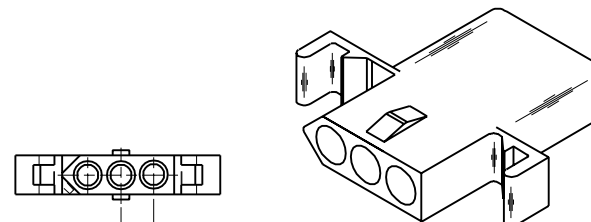
OPTIONAL END CONFIGURATION



"B" SEE NOTE Δ



OPTIONAL LOCK RAMP



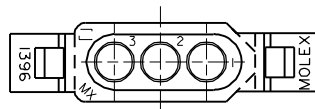
SHOWN WITH STANDARD EAR

.198
(5,03) TYP.

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.

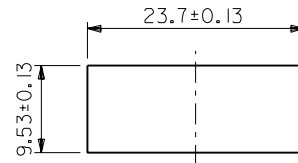
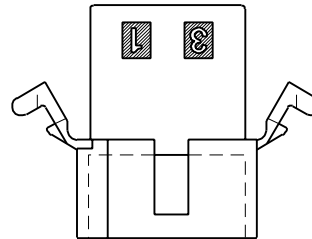
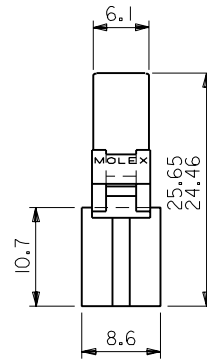
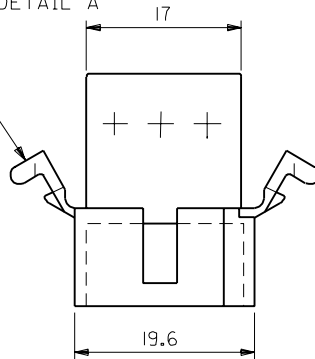
REVISE ONLY ON CAD SYSTEM

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. 60932 U.S.A.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO.		SHEET NO.	
DRAWN: JJS		CHKD: RW		1 of 2	
APP'D: RAS		SCALE		4 / 3 / 88	
FILE NAME		REV.		SD-1396-•	
S1396.3X1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		CP	

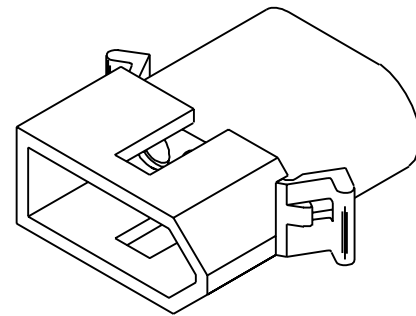


MT'G EARS (表参照)

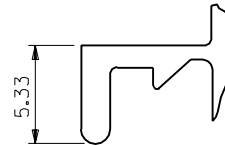
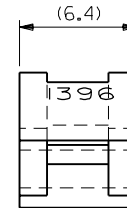
参照 DETAIL A



パネル取付寸法
(パネル厚 2.29最大)



PLUG



DETAIL A
(SCALE 4:1)

I396PI	03-09-2032	無	WITHOUT
I396P	03-09-2031	有	WITH
ENG. NO.	EDP NO.	MT'G EARS	

MODEL NO.		03-09-2***		DIMENSIONS:		SHT	REV
DESIGN UNITS		THIRD ANGLE		☐ mm ☐ INCH ☒ mm ONLY		REVISE ON	
☒ mm ☐ INCH		PROJECTION				CAD ONLY	
DRAWN BY & DATE		TITLE:					
KOHAMA 00/08/28		3 CIRCUITS PLUG HSG					
CHECKED BY & DATE		(0.093 DIA TERMINAL)					
YAMAGUCHI 00/08/28							
APPROVED BY & DATE		MOLEX MOLEX INCORPORATED					
FUKUSHIMA 00/08/28							
DRAWING FILENAME		MATERIAL NO.		DRAWING NO.		SHEET NO.	
I396002.S01		SEE NOTES		SD-1396-002		1 OF 1	
ANGLE		+3°		SIZE		B	

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