

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0003091032](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093 Pin and Socket Receptacle Housing, 3 Circuits, Single Row

Documents:

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

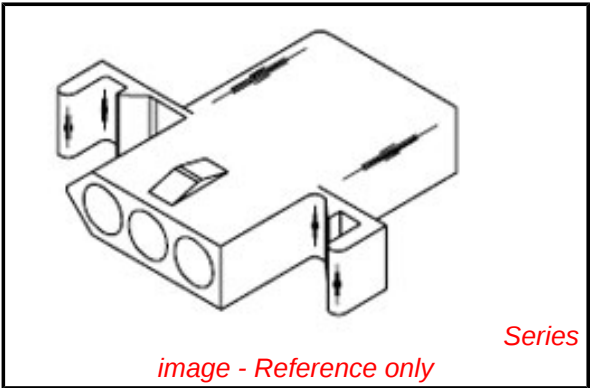
Current - Maximum per Contact	14A
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Material Info

Old Part Number	1396-R1
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Reference - Drawing Numbers

Packaging Specification	PK-1396-001
Product Specification	PS-02-09, PS-43660-9999
Sales Drawing	SD-1396-*, SD-1396-001, SDA-1840-3-*



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](#)

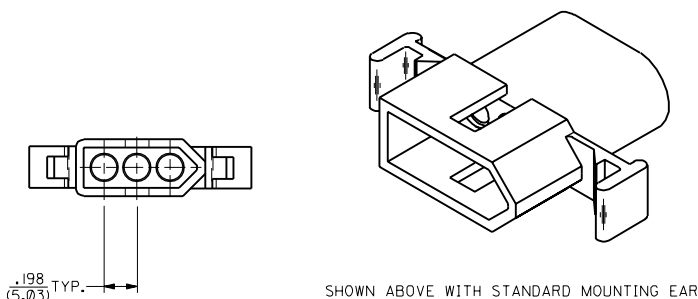
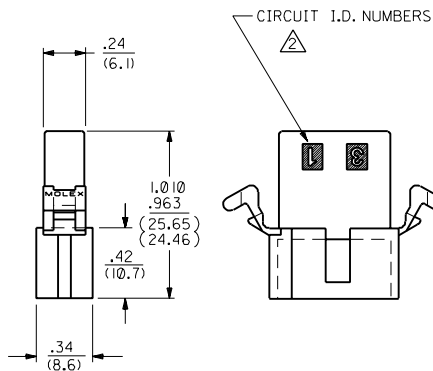
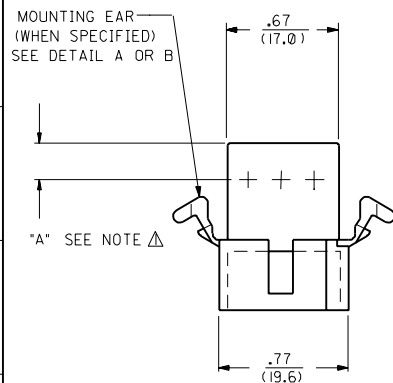
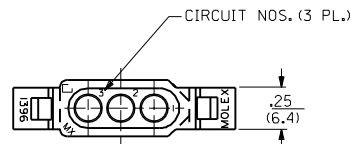
Mates With

[3099](#) shrouded PCB connector, [1396p](#)

Use With

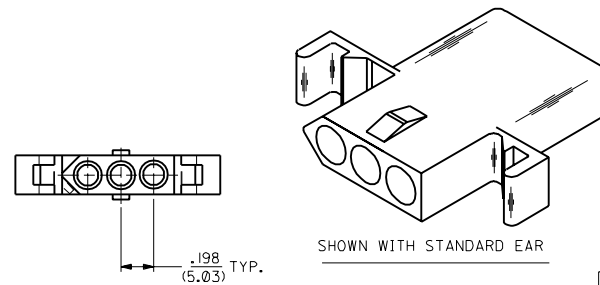
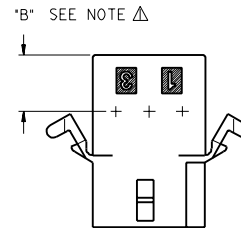
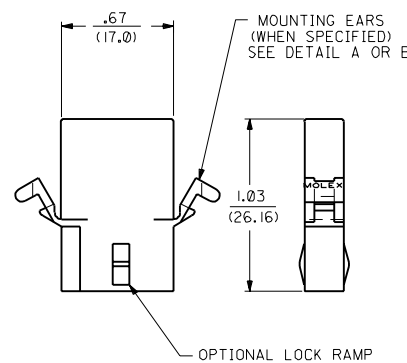
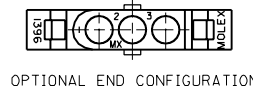
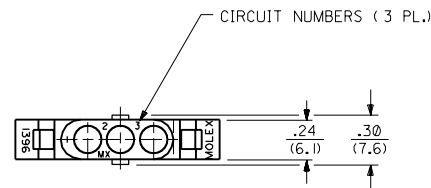
[1189](#) Crimp Terminals, [1190](#) Crimp Terminals, [1376](#) Male PC Tail Terminals, [1377](#) Female PC Tail Terminals, [1380](#) Male Crimp Terminals, [1381](#) Female Crimp Terminals, [1433](#) Crimp Terminals, [1434](#) Male Crimp Terminals, [1973](#) , [2151](#) , [2273](#) , [2870](#) , [2871](#) , [4272](#) , [4550](#) , [6271](#) , [6310](#) , [42477](#) , [42478](#)

PLUG



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



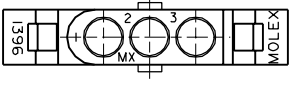
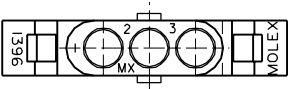
2	Y2	W	REVISE ON CAD ECR #J8 1381 JJS 4-24-88 RW	REVISE ONLY ON CAD SYSTEM
1	Y3	W	REVISE ON CAD ECR #J8 1381 JJS 4-24-88 RW	REVISE ONLY ON CAD SYSTEM
MFG.	SH.	REV.	LTR.	REVISIONS
Y3				REVISED PER UCR2000-0683 3/1/90 DDS
Y2				REMOVE -R3, -R5 VER. PER ECR #U6 1479 6-10-96 RW
Y1				X-REMOVE 1396-R4 ECR U3 1583 10/26/93 RW
Y				ADD CKT. I.D. #S PER ECR #J8 0683 5/4/93 RW
X				REV MAT'L SPECS. ECR U2-1491 10-08-92 A.GUZIK
W1				ADD -D VERSIONS. ECR U1 1106 7/25/91 RW

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE	
INCH	METRIC				
3 PLACE ± .010	---				
2 PLACE ± .014	± 0.25				
1 PLACE ---	± 0.36				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
DRWG. BY JJS	CHKD. BY RW				
APP'D. BY RAS	SCALE 2 : 1				
PART NO. 1396-111		MOLEX INCORPORATED		SHEET NO. 1 OF 2	
FILE NAME S1396.3X1		DOCN		DATE 4/3/88	
SEE SHEET 2		SD-1396-•			

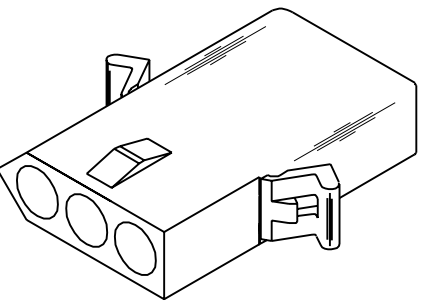
EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED EC NO. JC2001-0078 DRWN: K.KOHAMA '00/08/28 CHK: T.YAMAGUCHI APPR: M.FUKUSHIMA
REV	DESCRIPTION	MATERIAL 材料	FINISH 仕上り	WIRE RANGE 適用電線範囲
		NYLON66 94V-2		INS. RANGE 被覆外径

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 2 : 1	DESIGN UNITS ☒ mm ☐ INCH	TITLE: 3 CIRCUITS RCPT HSG (0.093 DIA TERMINAL)
10 UNDER 未満	+0.25 +0.2	DRAWN BY & DATE K.KOHAMA '00/08/28	MATERIAL NO. SEE NOTES	
10 OVER 30 UNDER 以上 未満	+0.3 +0.25	CHECKED BY & DATE T.YAMAGUCHI '00/08/28		
30 OVER 以上	+0.35 +0.3	APPROVED BY & DATE M.FUKUSHIMA '00/08/28		
ANGLE 角度	+3°	CAD FILENAME I396001.S01	MATERIAL NO. SEE NOTES	DRAWING NO. SD-1396-001

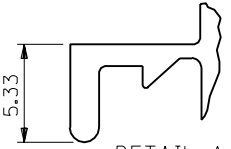
MODEL NO.	03-09-1***	DIMENSIONS:	SHT	REV
		☐ mm ☐ INCH ☒ mm ONLY		
THIRD ANGLE PROJECTION				
REVISE ON CAD ONLY				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				
SHEET NO. 1 OF 1			SIZE B	



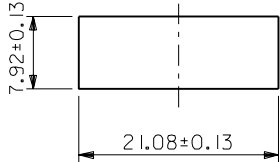
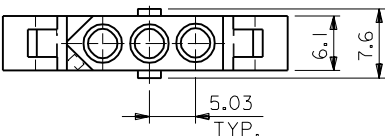
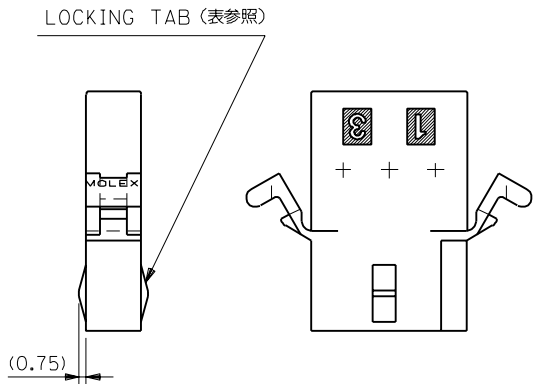
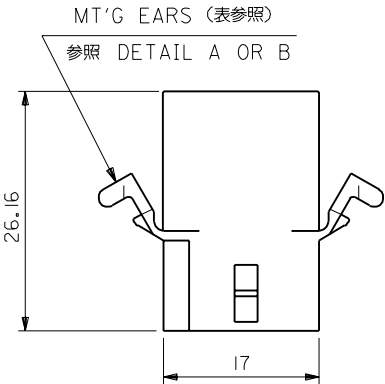
OPTIONAL END CONFIGURATION



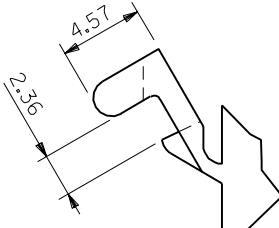
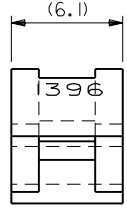
RECEPTACLE



DETAIL A
(SCALE 4:1)



パネル取付穴寸法
(パネル厚 2.29 最大)



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		

