

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0003091081](#)
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)
Drawing (PDF)	Product Specification PS-43660-9999 (PDF)
Packaging Specification (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
MolexKits	Yes
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	Yes
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

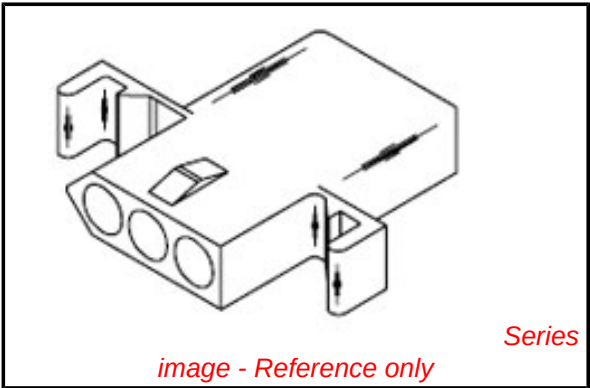
Current - Maximum per Contact	14A
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Material Info

Old Part Number	1396-R4
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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



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](#)

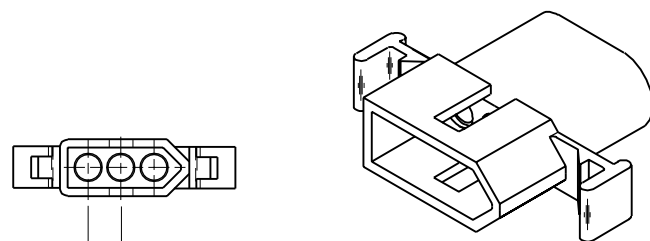
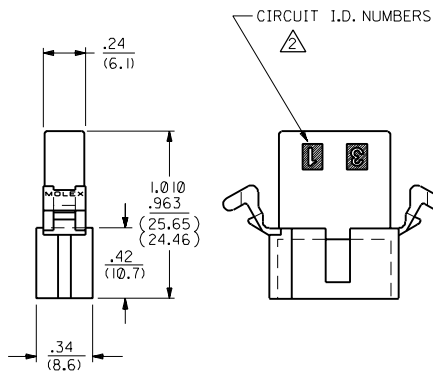
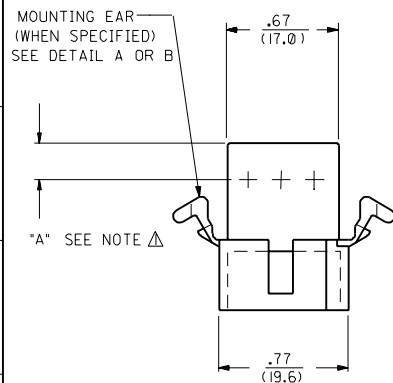
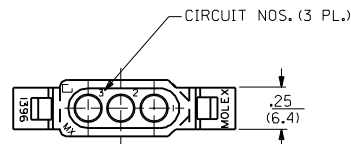
Mates With

[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

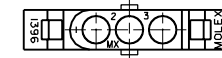
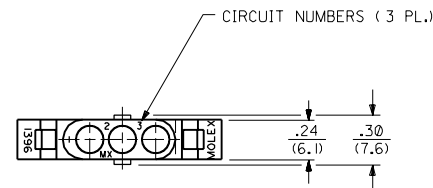


.198
(5,03) TYP.

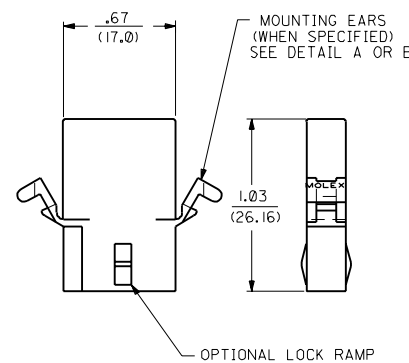
SHOWN ABOVE WITH STANDARD MOUNTING EAR

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

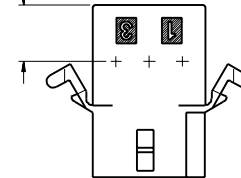
RECEPTACLE



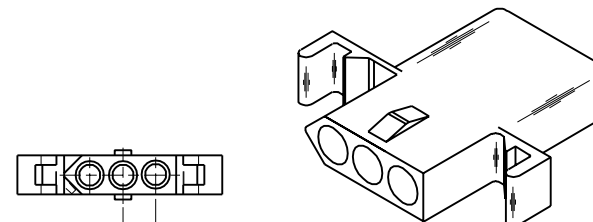
OPTIONAL END CONFIGURATION



"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

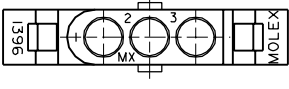
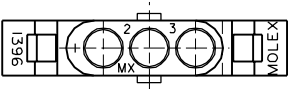
DIMENSIONS SHOWN (METRIC) INCH		▽ = 0	▼ = 0	TITLE	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		INCH		.093/(2.36) HOUSING, PLUG & RECEPTACLE	
3 PLACE	± .010	METRIC	---	3 CIRCUIT, .198/(5.03) Δ	
2 PLACE	± .014	---	± 0.25	MOLEX INCORPORATED	
1 PLACE	---	---	± 0.36	SHEET NO. 1 OF 2	
DRAFT WHERE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

Y3	REVISED PER UCR2000-0683 3/1/00 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 U3 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

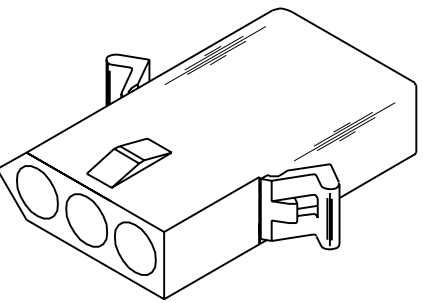
EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED EC NO. JC2001-0078 DRWN: K.KOHAMA '00/08/28 CHK: T.YAMAGUCHI APPR: M.FUKUSHIMA
REV	DESCRIPTION	MATERIAL 材料	FINISH 仕上り	WIRE RANGE 適用電線範囲
		NYLON66 94V-2		INS. RANGE 被覆外径

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 DRAWING NO. SD-1396-001 SHEET NO. 1 OF 1	
10 OVER 以上	+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 1396001.S01	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

MODEL NO.	03-09-1***	DIMENSIONS:	SHT	REV
		☐ mm ☐ INCH ☒ mm ONLY		REVISE ON CAD ONLY
THIRD ANGLE PROJECTION				
MOLEX INCORPORATED				



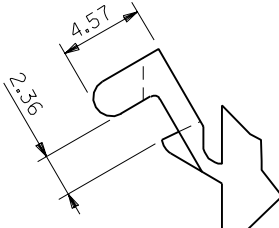
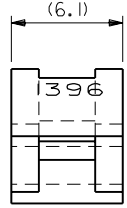
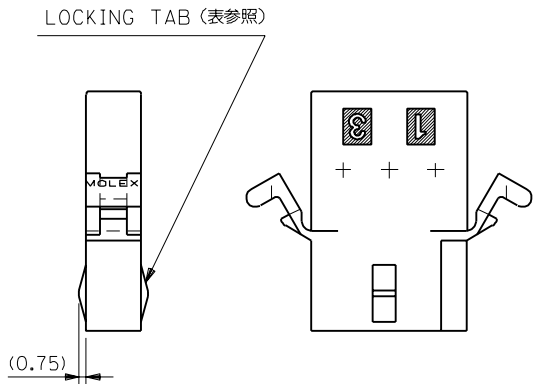
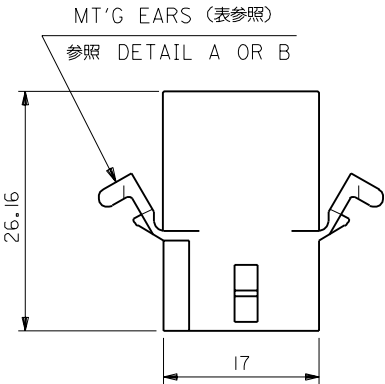
OPTIONAL END CONFIGURATION



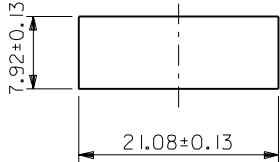
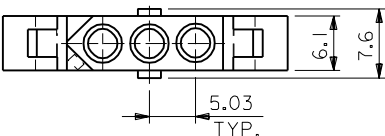
RECEPTACLE



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		