

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0003091031](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093 Pin and Socket Receptacle Housing, 3 Circuits, Single Row

Documents:

Drawing (PDF)	Product Specification PS-42477 (PDF)
Packaging Specification (PDF)	Product Specification PS-43660-9999 (PDF)
3D Model	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	Standard Panel Mount Ears; 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
Flammability	94V-2
Gender	Dual
Glow-Wire Compliant	No
Lock to Mating Part	Yes
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

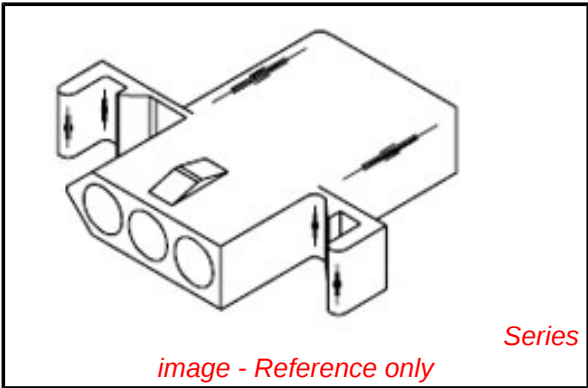
Current - Maximum per Contact	14A
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Material Info

Old Part Number	1396-R
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Reference - Drawing Numbers

Packaging Specification	PK-1396-001
Product Specification	PS-02-09, PS-42477, PS-43660-9999
Sales Drawing	SD-1396-*, SD-1396-001



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed**

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](#)

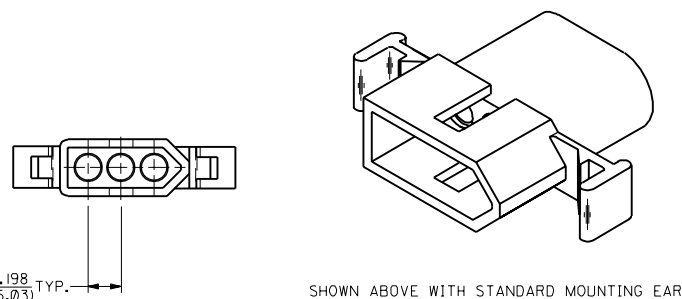
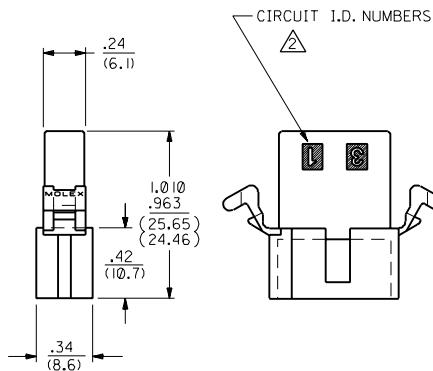
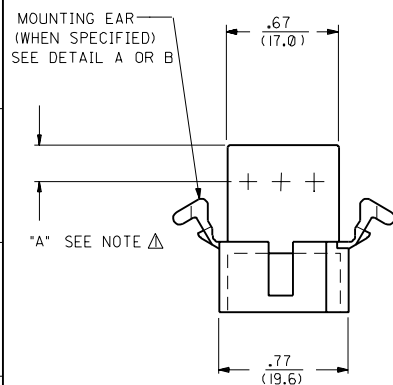
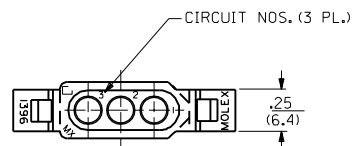
Mates With

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

Use With

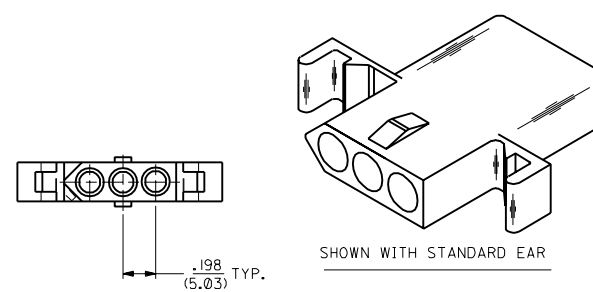
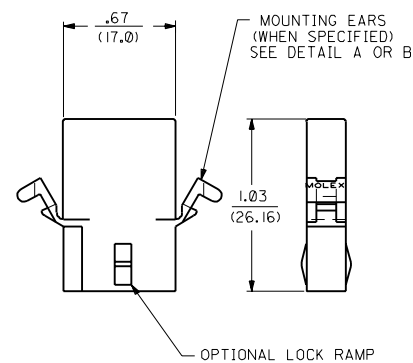
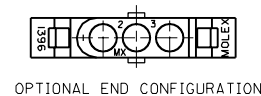
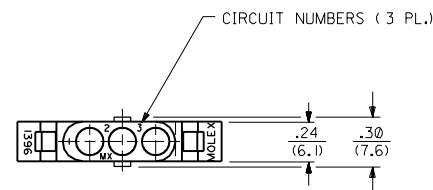
[1189](#) Crimp Terminals, [1190](#) Crimp Terminals, [1376](#) Male PC Tail Terminals, [1377](#) Female PC Tail Terminals, [1380](#) Male Crimp Terminals, [1381](#) Female Crimp Terminals, [1433](#) Crimp Terminals, [1434](#) Male Crimp Terminals, [1973](#) , [2151](#) , [2273](#) , [2870](#) , [2871](#)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



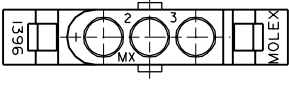
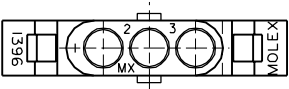
Y3	REVISED PER UCR200-0583 3/1/00 DDS
Y2	REMOVE -R3, -R5 VER. PER ECR U3 1583 6-10-96 RW
Y1	X-REMOVE I396-R4 ECR U3 1583 GC 10/26/93 RW
Y	ADD CKT. ID. #'S PER ECR U3 0683 GC 5/4/93 RW
X	REV MAT'L SPECS. ECR U2-1491 10-08-92 A.GUZIK
W1	ADD -D VERSIONS. ECR U1 1106 GC 7/25/91 RW
W	REVISE ON CAD ECR U8 1381 JUS 4-24-88 RW
LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH				▽ = 0 ▽ = 0 REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS				TITLE	
FRACTION		DECIMAL		.093 / (.236) HOUSING, PLUG & RECEPTACLE	
3 PLACE	--- 0.10 ---			3 CIRCUIT, 198 / (.503) C	
2 PLACE	--- 0.14 --- 0.25				
1 PLACE	--- 0.36				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
DRG. BY	JVS	CHW. BY	RW		
APP. BY	RAS	CHKD. BY	2:1		
 MOLEX INCORPORATED LITTLE ROCK, AR 68532 U.S.A.				SHEET NO. 1 of 2 DATE 4 / 3 / 88	
PART NO.		SD-1396-1		DRG. NO.	
SHEET 2		SHEET 2		SHEET 2	
NOT SHOWING CONSTRUCTION INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT PERMITTED PERMISSION.				DIV. C SIZE	

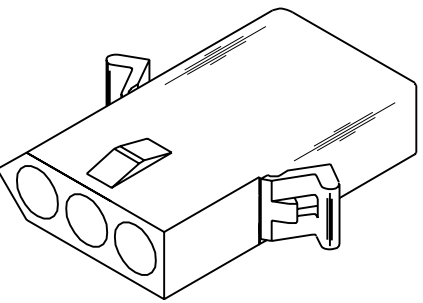
EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED EC NO. JC2001-0078 DRWN: K.KOHAMA '00/08/28 CHK: T.YAMAGUCHI APPR: M.FUKUSHIMA
REV	DESCRIPTION	MATERIAL 材料	FINISH 仕上り	WIRE RANGE 適用電線範囲
		NYLON66 94V-2		INS. RANGE 被覆外径

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 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 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				



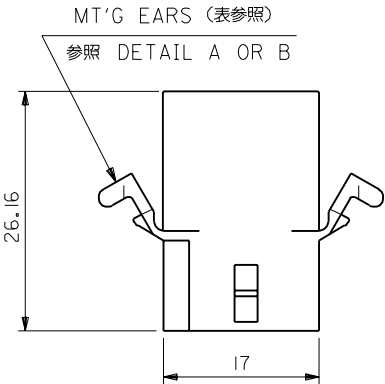
OPTIONAL END CONFIGURATION



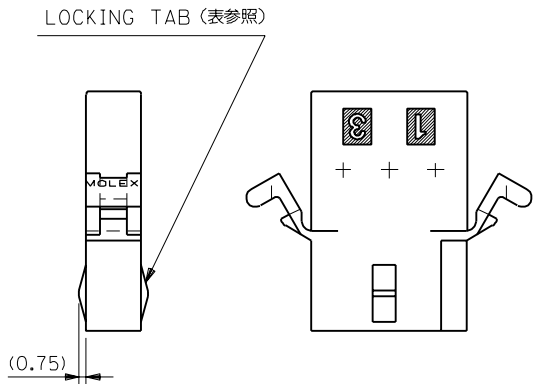
RECEPTACLE



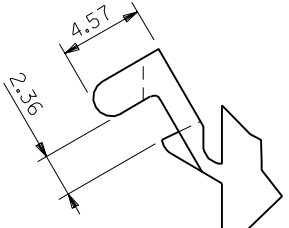
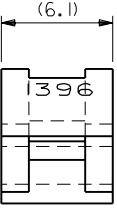
DETAIL A
(SCALE 4:1)



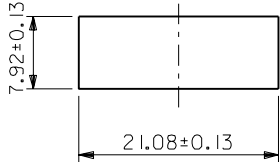
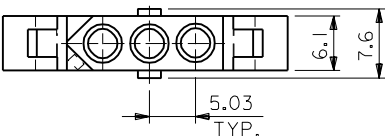
MT'G EARS (表参照)
参照 DETAIL A OR B



LOCKING TAB (表参照)



DETAIL B
(SCALE 4:1)



パネル取付穴寸法
(パネル厚 2.29 最大)