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Part Number: [0003096032](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093 Pin and Socket Receptacle Housing, Single Row, without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 3 Circuits, Black

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification \(PDF\)](#)
[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 Current = 17A max. per circuit when this receptacle is loaded with either 42477 or 42478 series terminals crimped to 14 AWG wire and mated to a plug loaded with either 42477 or 42478 series terminals crimped to 14 AWG wire.

Overview [standard_093](#)
Product Name Standard .093"

Physical

Circuits (maximum) 3
Color - Resin Black
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
Polarized to Mating Part Yes
Stackable No
Temperature Range - Operating -40°C to +105°C

Electrical

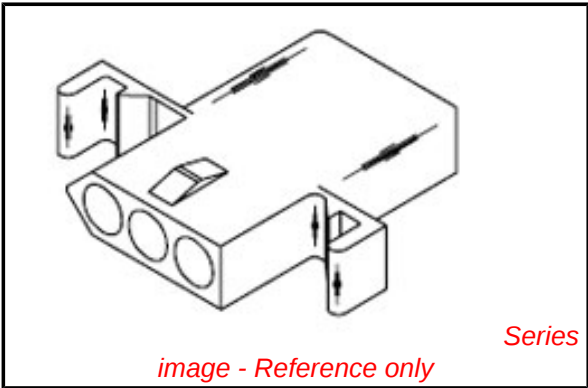
Current - Maximum per Contact 14A, 17A

Material Info

Old Part Number 1396-R1-BK

Reference - Drawing Numbers

[Packaging Specification](#) PK-1396-001
[Product Specification](#) PS-02-09, PS-43660-9999
[Sales Drawing](#) SD-1396-*



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
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.

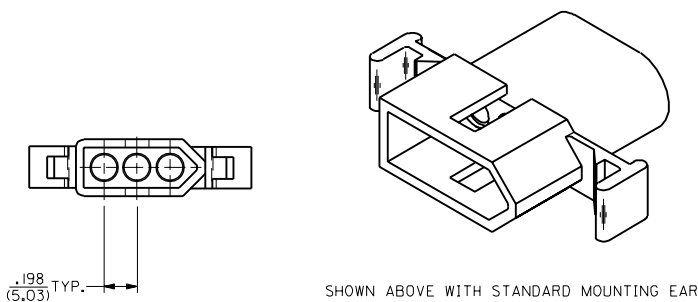
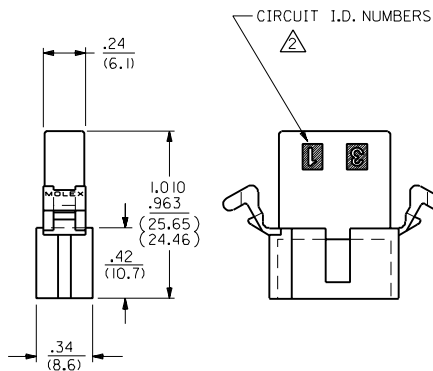
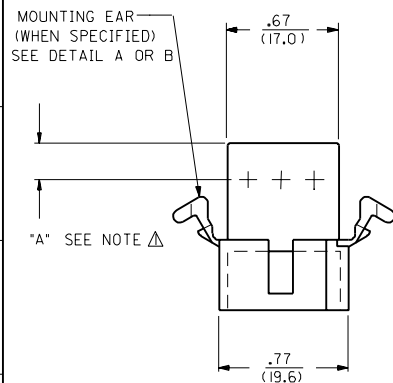
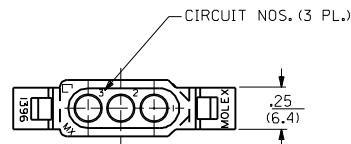
Search Parts in this Series
[1396Series](#)

Mates With
[03-09-7032](#) Plug, [3099](#) 3 Circuit Headers

Use With
[1973](#) , [2151](#) , [2273](#) , [2870](#) , [2871](#) , [4272](#) ,
[4550](#) , [6271](#) , [6310](#) , [42477](#) , [42478](#) , [1189](#) ,
[1190](#) , [1376](#) , [1377](#) , [1380](#) , [1381](#) , [1433](#) ,
[1434](#)

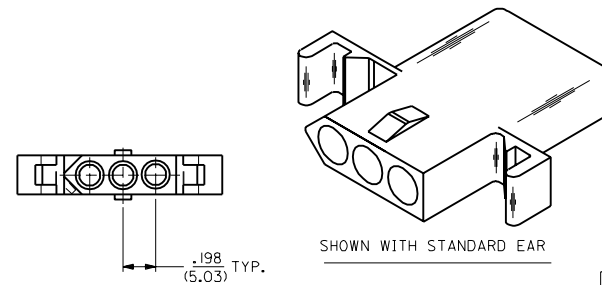
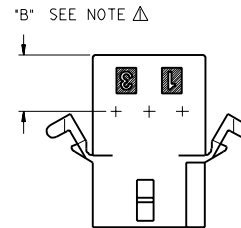
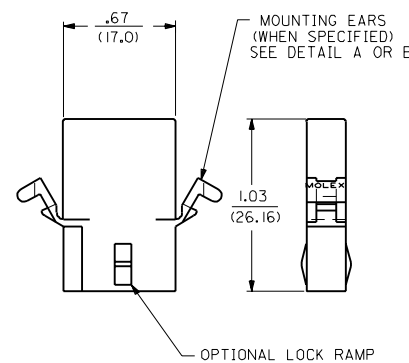
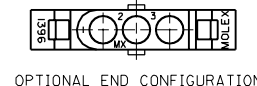
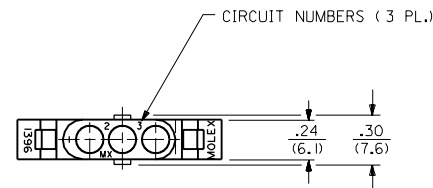
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PLUG



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 UCR2000-0583 3/1/00
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 #U8 1381 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
W	REVISE ON CAD ECR #U8 1381 JJS 4-24-88 RW
2	Y2
1	Y3
MFG.	SH.
REV.	LTR.
REVISE ONLY ON CAD SYSTEM	

DIMENSIONS SHOWN (METRIC) INCH		▽ = 0		▼ = 0		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		INCH		METRIC			
3 PLACE	± .010	---		---			
2 PLACE	± .014	± 0.25		---			
1 PLACE	---	± 0.36		---			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
JJS		CHKD. BY		RW			
APP'D. BY		SCALE		2 : 1			
RAS							
FILE NAME		SHEET NO.		DATE			
1396.3X11		1 of 2		4 / 3 / 88			
DWG. NO.		REV.		SIZE			
SD-1396-•		CP		C			

