

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015311026](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter Standard .093" Pin and Socket Header, Vertical, with Beveled Plastic Peg, 2 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-3191-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	PCB Headers
Series	5219
Application	Wire-to-Board
Overview	standard_093
Product Name	Standard .093"

Physical

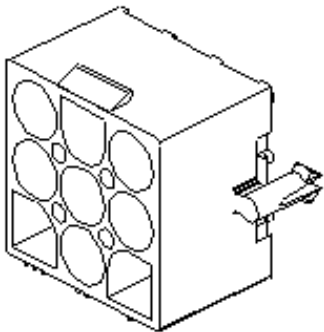
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.264 In
Pitch - Mating Interface (mm)	6.71 mm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	12A
Voltage - Maximum	600V

Material Info

Old Part Number	5219-02A
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*Series
image - Reference only*

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
[5219Series](#)

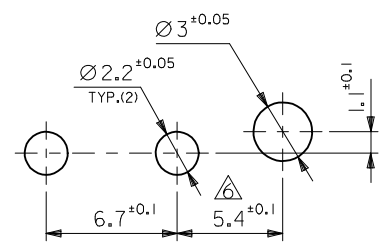
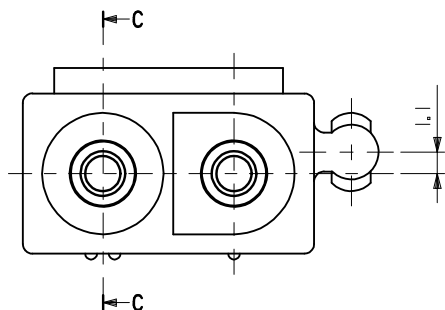
Mates With
[3191](#) Pin and Socket Receptacle Housing

Reference - Drawing Numbers

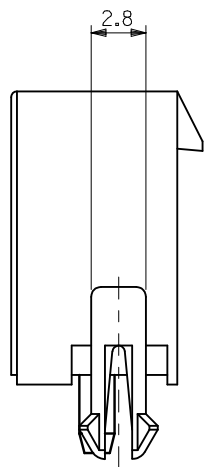
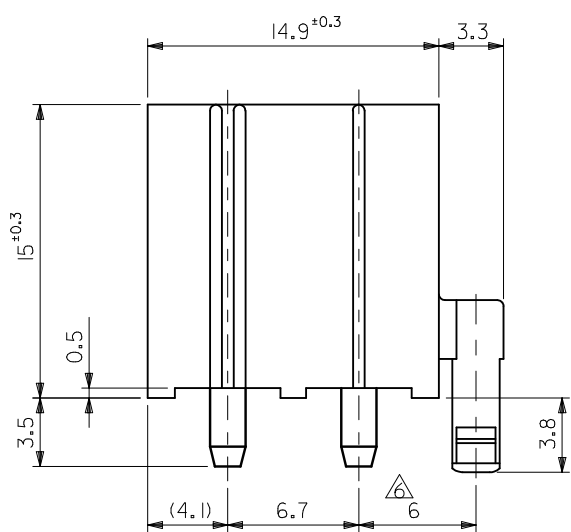
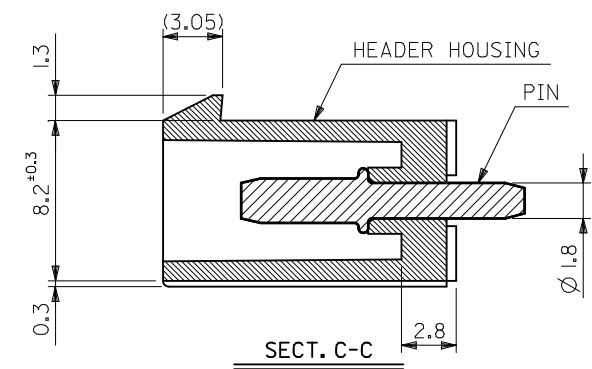
Packaging Specification	SPK-5219-001
Product Specification	PS-3191-003, RPS-3191-002, RPS-3191-005
Sales Drawing	SD-5219-02A*.*

This document was generated on 05/24/2010

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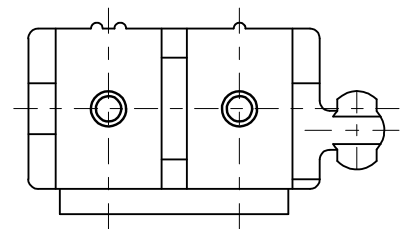


RECOMMENDED P.C.BOARD HOLE DIM.



NOTES:

- 1) MATERIAL:
HOUSING: "BLANK" = NYLON 6/6, UL94V-2, COLOR: NATURAL
"201" = NYLON 6/6, UL94V-0, COLOR: NATURAL
TERMINAL: C2700W BRASS
- 2) FINISH: 0.000003/(.0000001) MIN. TIN OVERALL OVER
0.000001/(.00000004) MIN. NICKEL OVERALL
- 3) PRODUCT SPECIFICATION: NONE
- 4) PACKAGING: NONE
- 5) MATES WITH: 3191-02R SERIES
DIFFERENCE OF DIMENSION TO PREVENT RISE FROM P.C.B.
- 7) PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



REMOVED DIMENSION EC NO: UCP2009-2076 DRWN: TRBES 2009/02/24 CHKD: AELHAG 2009/03/13 APPR: FSM TH 2009/04/15 N1	DESCRIPTION	QUALITY SYMBOLS ▽=0 □=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 1 °</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± ---	ANGULAR ± 1 °			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH																							
				4 PLACES	± ---	± ---																							
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																													
DRAWN BY DATE H. HASEGAWA 1994/10/26		TITLE NEW INTERNATIONAL CONN. HEADER AND ASSY																											
CHECKED BY DATE H. HIRAMOTO 1996/02/26																													
APPROVED BY DATE M. FUKUSHIMA 1996/02/26		MOLEX INCORPORATED																											
MATERIAL NO. SEE CHART					DOCUMENT NO. SD-5219-02A*-*	SHEET NO. 1 OF 1																							
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