

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

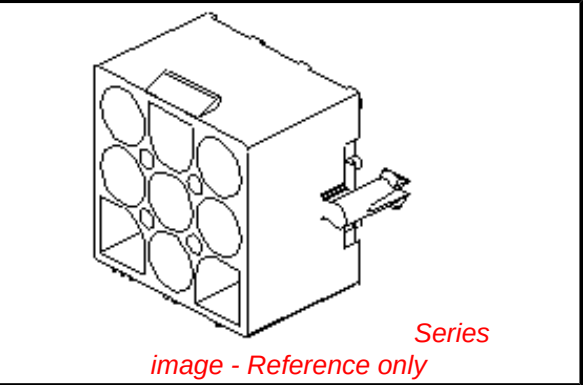
0015311096

Status:

Active

Description:

2.36mm (.093") Diameter Standard .093" Pin and Socket Header, Vertical, with Beveled Plastic Peg, 9 Circuits



Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	5219
Application	Wire-to-Board
Product Name	Standard .093"
Physical	
Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-2
Glow-Wire Compliant	No
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	3
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	9A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235
Material Info	
Old Part Number	A521909B

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

3191r

Reference - Drawing Numbers

Sales Drawing

SDA-5219-09**

This document was generated on 04/20/2010

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ENG. NO.	ORDER NO.	PIN PLATING	HSG. MATERIAL
A-5219-09B	I5-31-1096	TIN	94V-2 NYLON
A-5219-09B-201	PRELIMINARY	TIN	94V-0 NYLON
A-5219-09BG	PRELIMINARY	GOLD	94V-2 NYLON
A-5219-09BG-201	PRELIMINARY	GOLD	94V-0 NYLON

HOUSING MATERIAL:

- 1 - NYLON TYPE 66, 94V-2, NATURAL
2 - NYLON TYPE 66, 94V-0, NATURAL

PIN MATERIAL: C27000 BRASS

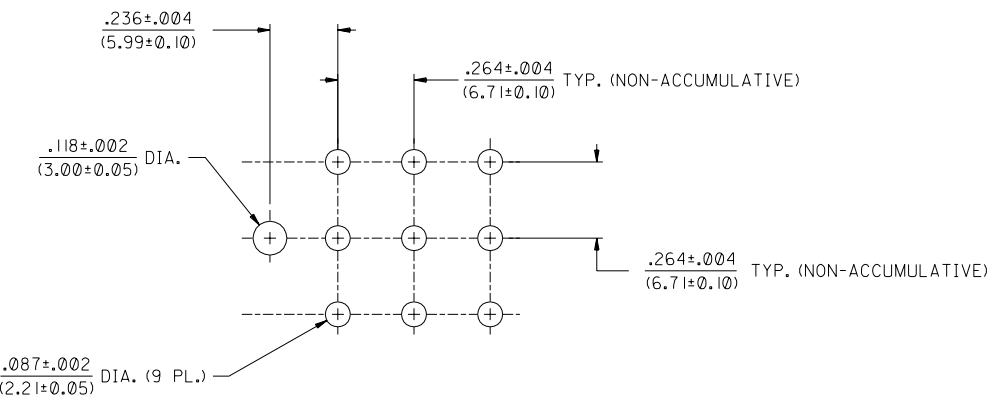
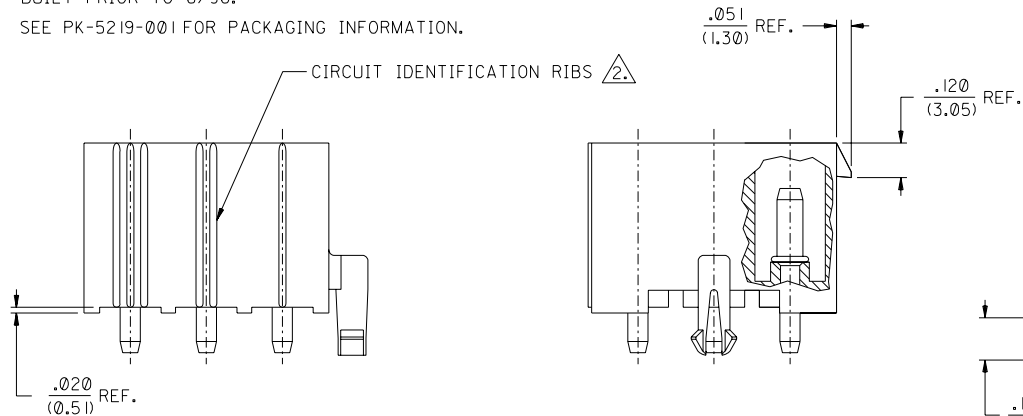
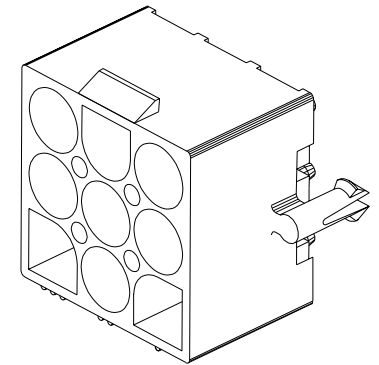
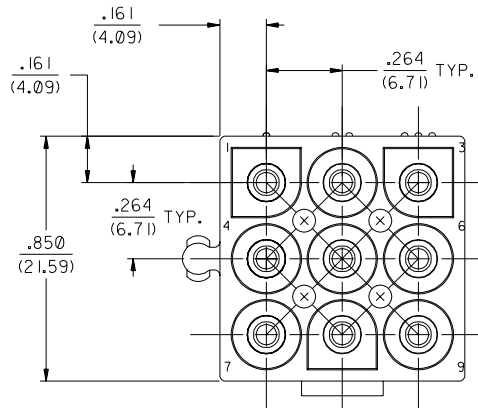
PIN PLATING:

- 1 - POST PLATE .000120/(0.00305) MIN. TIN OVER .000040/(0.0010) MIN. NICKEL
2 - POST PLATE .000014/(0.00035) MIN. GOLD OVER .000080/(0.00200) MIN. NICKEL

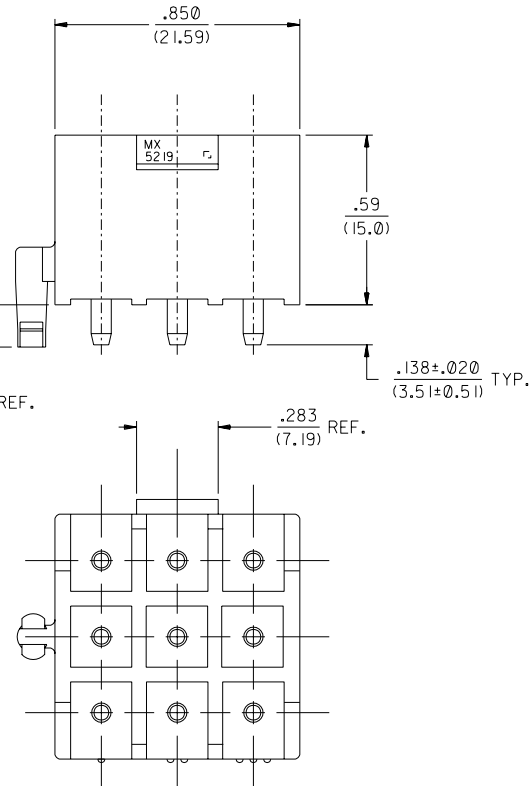
NOTES:

1. THESE HEADERS ARE FOR USE ON .062/(1.57) THICK P.C. BOARDS AND MATE WITH 3191-9 SERIES RECEPTACLES.
2. CIRCUIT I.D. RIBS NOT PRESENT ON PARTS FROM TOOLS BUILT PRIOR TO 6/96.

3. SEE PK-5219-001 FOR PACKAGING INFORMATION.



RECOMMENDED P.C. BOARD LAYOUT



DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
INCH		METRIC	
3 PLACE	± .010	---	
2 PLACE	± .014	± 0.25	
1 PLACE	---	± 0.35	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY	CM	CHK'D. BY	RW
APP'D. BY	RAS	SCALE	3 : 1
FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SD52193		CP	
MFG. SH. REV. LTR.		REVISIONS	
= 0		= 0	
TITLE		REVISE ONLY ON CAD SYSTEM	
.093/(2.36) SERIES		9 CIRCUIT HEADER ASSEMBLY	
PART NO.		SHEET NO.	
MOLEX INCORPORATED		1 OF 1	
LITSE,ILL. 60532		DATE	
SEE CHART		05/23/96	
SDA-5219-09**		DIV. SIZE	
CP		CP	