

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0026232091](#)  
**Status:** **Active**  
**Overview:** [kk](#)  
**Description:** 3.96mm (.156") Pitch KK® Wire-to-Board Header, Vertical Round Pin, 9 Circuits, Gold (Au) Plating, with Mating Pin Length of 11.43mm (.450")

**Documents:**

[3D Model](#) [Product Specification PS-99020-0087 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [3192](#)  
 Application Board-to-Board, Wire-to-Board  
 Overview [kk](#)  
 Product Name KK®

**Physical**

Breakaway No  
 Circuits (Loaded) 9  
 Circuits (maximum) 9  
 Color - Resin Natural  
 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 None  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Material - Resin Nylon  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length (in) 0.175 In  
 PC Tail Length (mm) 4.45 mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness Recommended (in) 0.062 In  
 PCB Thickness Recommended (mm) 1.60 mm  
 Packaging Type Bag  
 Pitch - Mating Interface (in) 0.156 In  
 Pitch - Mating Interface (mm) 3.96 mm  
 Plating min: Mating (µin) 20  
 Plating min: Mating (µm) 0.5  
 Plating min: Termination (µin) 20  
 Plating min: Termination (µm) 0.5  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable Yes  
 Temperature Range - Operating 0°C to +75°C  
 Termination Interface: Style Through Hole



**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](mailto: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**  
[3192Series](#)

**Electrical**

Current - Maximum per Contact

7A

Voltage - Maximum

250V

**Solder Process Data**

Lead-free Process Capability

Wave Capable (TH only)

**Material Info**

Old Part Number

AE-3192-09A(501)

**Reference - Drawing Numbers**

Product Specification

PS-99020-0087

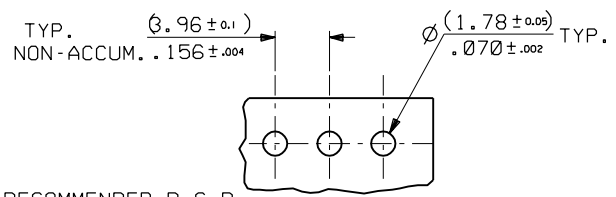
Sales Drawing

SDAE-3192-NA(501)

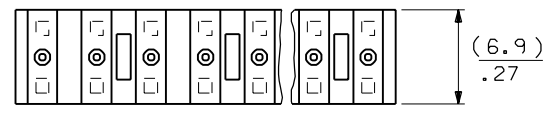
This document was generated on 05/26/2010

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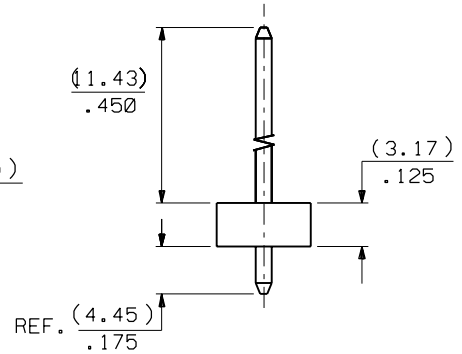
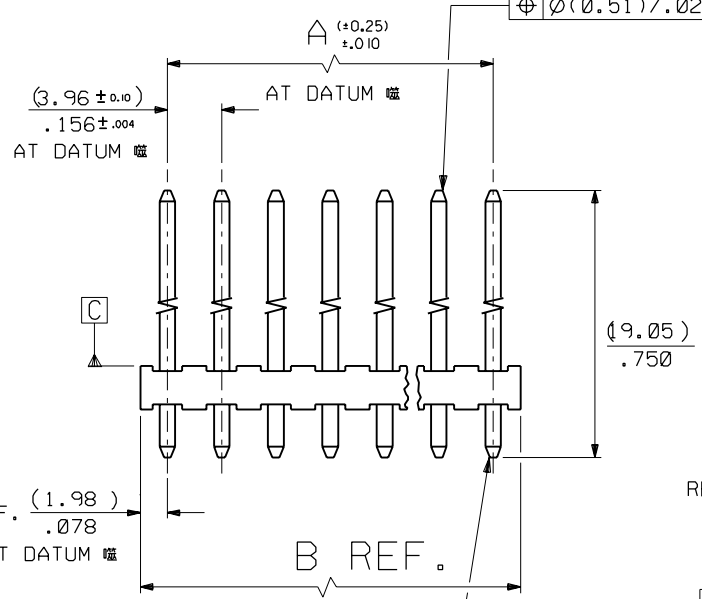
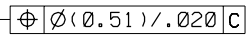
PART NO. SEE CHART  
 DWG. NO. SDAE-3192-NA(501)



RECOMMENDED P.C.B.  
 HOLE DIMENSIONS



TIPS ONLY



NOTES:

- MATERIAL  
 WAFER - NYLON , 94V-2  
 PIN -  $\phi(1.14) / .045$  HARD DRAWN  
 BRASS. FINISH  
 $(0.0005) / .00002$  GOLD MIN. OVER  
 $(0.00076) / .00003$  NICKEL MIN.
- PIN PUSH OUT FORCE (1.36KG) 3LBS MIN.
- PIN SOLDERABILITY PER MOLEX  
 SPEC. NO. 152

| NO. OF CKTS | PART NO.   | ENG. NO.         | DIMN. A         | DIMN. B         |
|-------------|------------|------------------|-----------------|-----------------|
| 2           | 26-23-2021 | AE-3279- 2A(501) | (3.96) / .156   | (7.92) / .312   |
| 3           | -2031      | - 3A(501)        | (7.92) / .312   | (11.89) / .468  |
| 4           | -2041      | - 4A(501)        | (11.89) / .468  | (15.85) / .624  |
| 5           | -2051      | - 5A(501)        | (15.85) / .624  | (19.81) / .780  |
| 6           | -2061      | - 6A(501)        | (19.81) / .780  | (23.77) / .936  |
| 7           | -2071      | - 7A(501)        | (23.77) / .936  | (27.74) / 1.094 |
| 8           | -2081      | - 8A(501)        | (27.74) / 1.094 | (31.70) / 1.248 |
| 9           | -2091      | - 9A(501)        | (31.70) / 1.248 | (35.66) / 1.404 |
| 10          | -2101      | - 10A(501)       | (35.66) / 1.404 | (39.62) / 1.560 |
| 11          | -2111      | - 11A(501)       | (39.62) / 1.560 | (43.59) / 1.716 |
| 12          | -2121      | - 12A(501)       | (43.59) / 1.716 | (47.55) / 1.872 |
| 13          | -2131      | - 13A(501)       | (47.55) / 1.872 | (51.51) / 2.028 |
| 14          | -2141      | - 14A(501)       | (51.51) / 2.028 | (55.47) / 2.184 |
| 15          | -2151      | - 15A(501)       | (55.47) / 2.184 | (59.44) / 2.340 |
| 16          | -2161      | - 16A(501)       | (59.44) / 2.340 | (63.40) / 2.496 |
| 17          | -2171      | - 17A(501)       | (63.40) / 2.496 | (67.36) / 2.652 |
| 18          | 26-23-2181 | AE-3279-18A(501) | (67.36) / 2.652 | (71.32) / 2.808 |

|  |  |   |                              |                                |  |  |                          |  |  |  |                   |  |                    |
|--|--|---|------------------------------|--------------------------------|--|--|--------------------------|--|--|--|-------------------|--|--------------------|
| STANDARDIZATION<br>EC NO. M. JACKO 2/11/00<br>DRWN: E2001-0472<br>CHK: APPR: | QUALITY SYMBOLS<br>MAJOR $\blacktriangledown = 0$<br>CRITICAL $\nabla = 0$ | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED) |                              | SCALE 3:1                      | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH | THIRD ANGLE PROJECTION<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH<br><input type="checkbox"/> mm ONLY | SHT                      | REV  |  |  |                   |  |                    |
|  |  | 4 PLACES $\pm 0.$ $\pm .$                 | 3 PLACES $\pm 0.$ $\pm .010$ | 2 PLACES $\pm 0.25$ $\pm .015$ | 1 PLACE $\pm 0.35$ $\pm .$   |  | ANGULAR: $\pm$   $\circ$ | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY & DATE<br><b>NPC 13/11/86</b> |  | CHECKED BY & DATE |  | APPROVED BY & DATE |
| D  | REV  |   |                              | CAD FILENAME<br>SA3192NAG.DGN  | MATERIAL NO.<br>SEE CHART  | DRAWING NO.<br>SDAE-3192-NA(501)   | SHEET NO.<br>10F1        |  |  |  |                   |  |                    |

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