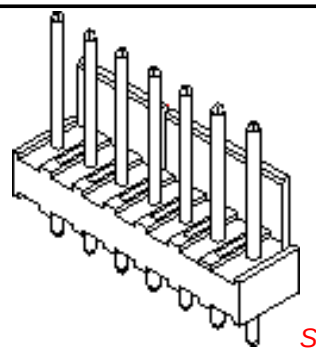
This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0026222171
Status: Active
Overview: kk
Description: 3.96mm (.156") Pitch KK® Wire-to-Board Header, Vertical, Round Pin, with Polarizing Wall, 17 Circuits, Gold (Au) Plating



Series image - Reference only

Documents:

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

Agency Certification

CSA	LR19980
TUV	R72090224

General

Product Family	PCB Headers
Series	3190
Application	Wire-to-Board
Overview	kk
Product Name	KK®

Physical

Breakaway	No
Circuits (Loaded)	17
Circuits (maximum)	17
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 PCB	No
Shrouded	Partial
Stackable	No
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
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
3190Series

Mates With
3069 KK® Crimp Terminal Housing. 3215 KK® PC Board Connector

Electrical

Current - Maximum per Contact	7A
Voltage - Maximum	250V

Material Info

Old Part Number	319017AG

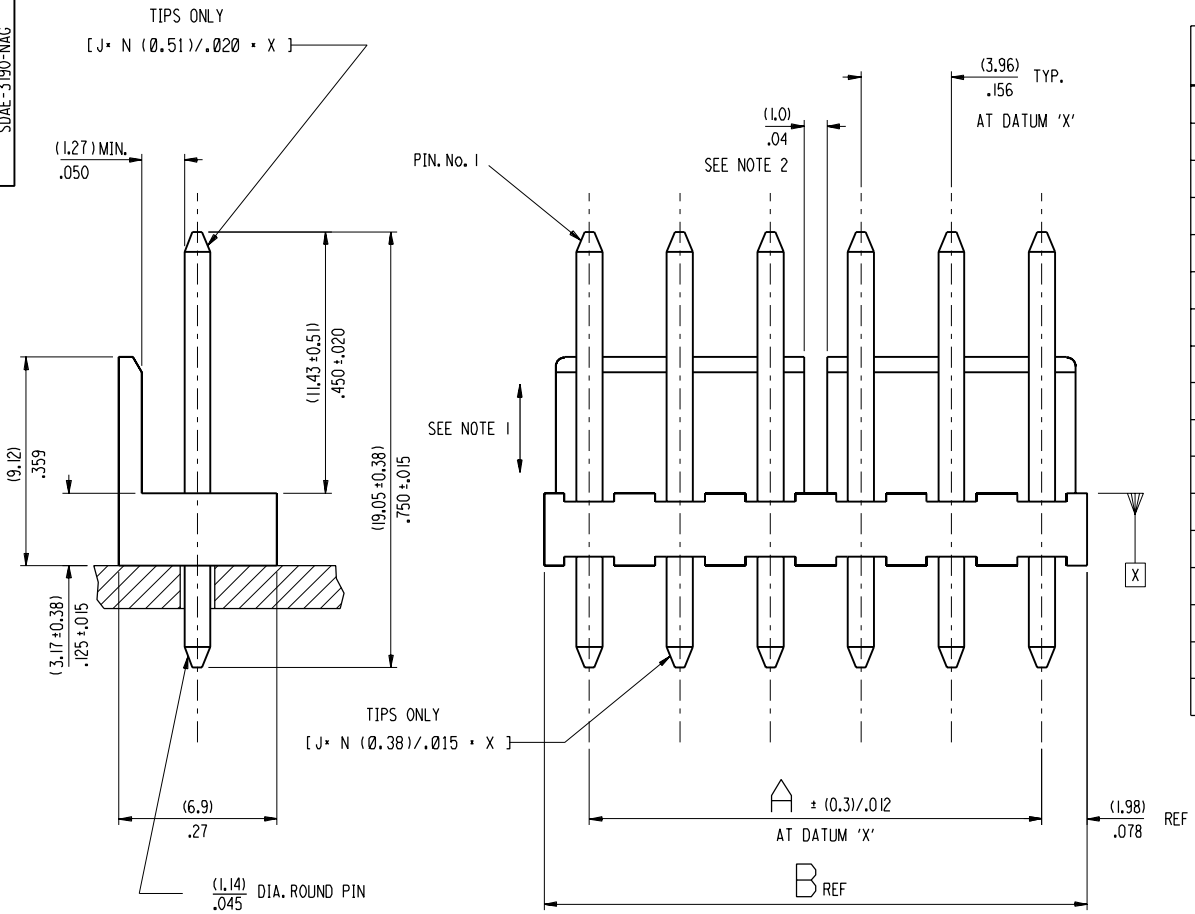
Reference - Drawing Numbers

Product Specification	PS-99020-0087

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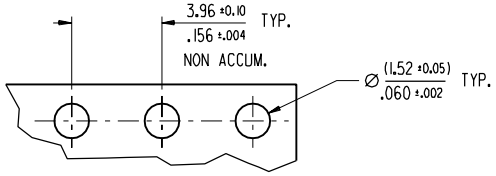
PART NO. SEE CHART
DWG. NO. SDAE-3190-NAG



CCTS	DGN NO.	PART NO.	DIM A	DIM B
2	AE-3190-2AG	26-22-2021	(3.96) .156	(7.92) .312
3	-3AG	-2031	(7.92) .312	(11.89) .468
4	-4AG	-2041	(11.89) .468	(15.85) .624
5	-5AG	-2051	(15.85) .624	(19.81) .780
6	-6AG	-2061	(19.81) .780	(23.77) .936
7	-7AG	-2071	(23.77) .936	(27.74) 1.092
8	-8AG	-2081	(27.74) 1.092	(31.70) 1.248
9	-9AG	-2091	(31.70) 1.248	(35.66) 1.404
10	-10AG	-2101	(35.66) 1.404	(39.62) 1.560
11	-11AG	-2111	(39.62) 1.560	(43.59) 1.716
12	-12AG	-2121	(43.59) 1.716	(47.55) 1.872
13	-13AG	-2131	(47.55) 1.872	(51.51) 2.028
14	-14AG	-2141	(51.51) 2.028	(55.47) 2.184
15	-15AG	-2151	(55.47) 2.184	(59.44) 2.340
16	-16AG	-2161	(59.44) 2.340	(63.40) 2.496
17	-17AG	-2171	(63.40) 2.496	(67.36) 2.652
18	AE-3190-18AG	26-22-2181	(67.36) 2.652	(71.32) 2.808

NOTES:

1. PIN PUSH OUT FORCE: 3 LBS. MIN.
2. ASSY'S OVER 5 CCTS. WILL HAVE SLOTS IN POLARIZING RIB.
3. SOLDERABILITY PER MOLEX SPEC. No. 152.
4. WAFER MAT'L: NYLON, UL94V-2.



RECOMMENDED P.C.B. HOLE DIMENSIONS

DRAWN ON CAD
EC No. 2000-0932
DRWN: VMURTAGH 99/10/12
CH'K:
APPR:
B
DESCRIPTION
REV

QUALITY SYMBOLS
MAJOR ▼ =
CRITICAL ▽ C =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.010
2 PLACES	±0.25	±.014
1 PLACE	±0.35	±.

ANGULAR: ± 1/2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 5 : 1
DESIGN UNITS ☐mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☒ mm INCH ☐ INCH mm ☐ mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE VMURTAGH 99/10/12
CHECKED BY & DATE TMAHON 99/ /
APPROVED BY & DATE MWILHITE 99/ /
CAD FILENAME S3190X1.DGN

TITLE: WAFER,KK,(3.96)/.156 (1.14)/.045 ROUND PINS

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SDAE-3190 -NAG
SHEET NO. 1 OF 1
SIZE B

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7132-1283