

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0010441041

Status:

Active

Overview:

kk

Description:

5.08mm (.200") Pitch KK® Header, Vertical, with Polarizing Backwall, 4 Circuits, Gold (Au) Plating

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General

Product Family

PCB Headers

Series

2599

Application

Wire-to-Board

Overview

kk

Product Name

KK®

Physical

Breakaway

No

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Natural

Durability (mating cycles max)

50

First Mate / Last Break

No

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

Nickel

Material - Resin

Nylon

Number of Rows

1

Orientation

Vertical

PC Tail Length (in)

0.175 In

PC Tail Length (mm)

4.45 mm

PCB Retention

None

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Bag

Pitch - Mating Interface (in)

0.200 In

Pitch - Mating Interface (mm)

5.08 mm

Shrouded

Partial

Stackable

Yes

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

0°C to +75°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

7A

Voltage - Maximum

250V

Material Info

Old Part Number

2599-04AG

Reference - Drawing Numbers

Sales Drawing

SDA-2599-NAG

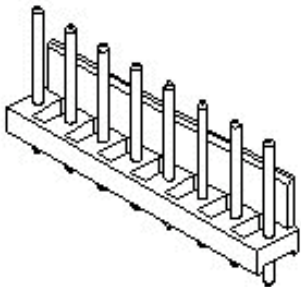


image - Reference only

Series

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

2599Series

Mates With

KK® Crimp Terminal Housing [3001](#) , [5058](#)

This document was generated on 05/24/2010

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A-2599-NAG	SEE CHART	COMP	REV	9-12-80	A
LOG	COMP	REV	10-1-80	A	
LOG	COMP	REV	10-1-80	A	

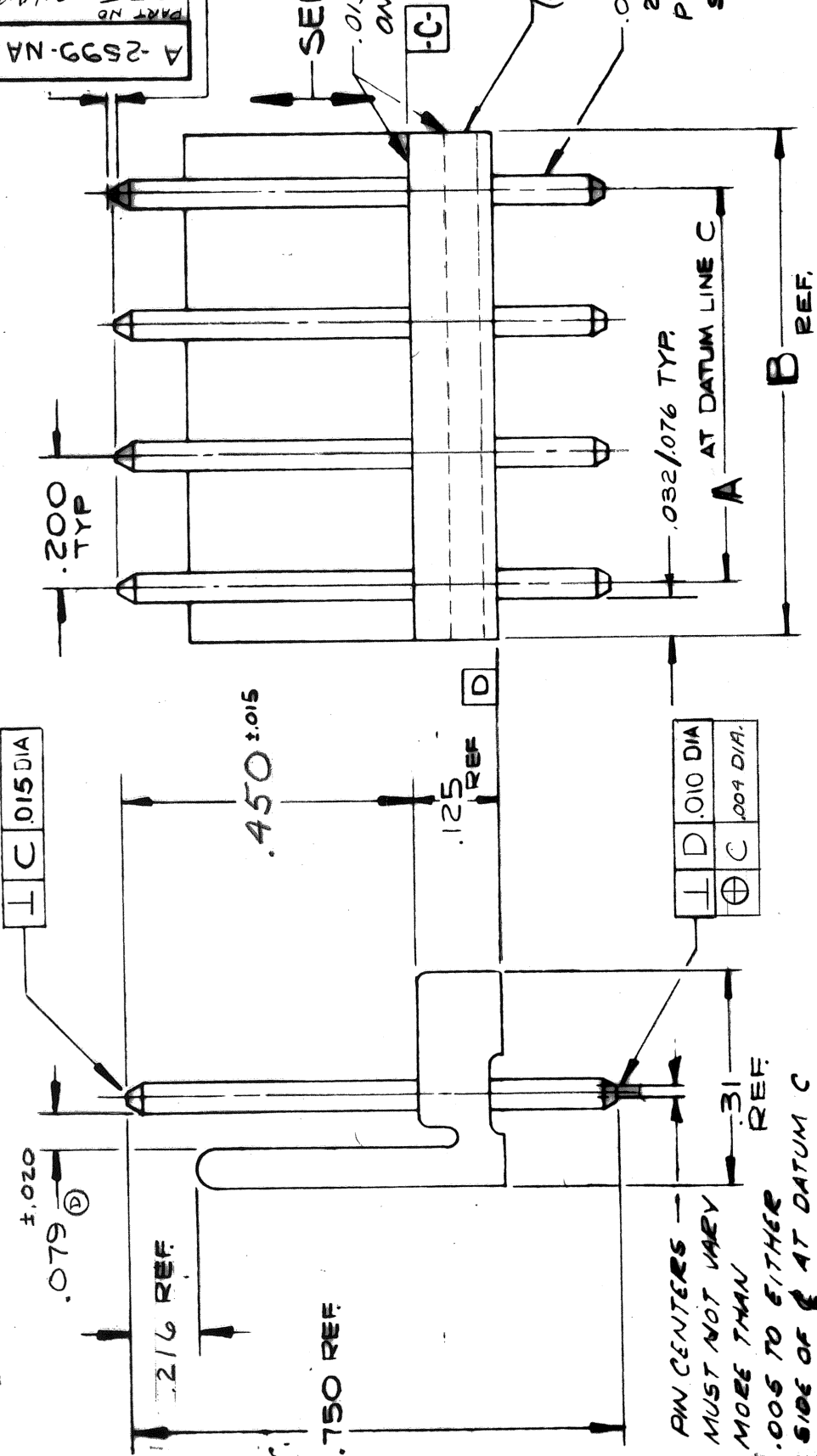
RELATIVE PIN HEIGHTS MUST NOT VARY MORE THAN .005 T.I.R.

SEE NOTE 2

.015 MAX. SAW BURR PERMITTED ON TOP & SIDE EDGES - BOTH ENDS

(N° 2403) (WAFER)

.045 DIA. PIN, BRASS
2173-1G
PLATING PER ENG.
STD. 88-501.



PIN CENTERS -
MUST NOT VARY
MORE THAN
.005 TO EITHER
SIDE OF C AT DATUM C

NOTES

- 1 PIN PUSH OUT FORCE: 3 LBS. MIN.
- 2 BURRS NOT TO EXTEND BELOW SURFACE
- 3 PIN MUST CONFORM TO MOLEX SOLDERABILITY SPEC. NO. 152 AFTER PLATING.

PART N°	ENG N°	N° OF CIRCUITS	DIM. A	DIM. B
10-44-1181	A-2599-18AG	18	3400 ± .008	3605 / 3501
10-44-1171		17	3200 ± .008	3405 / 3301
10-44-1161		16	3000 ± .007	3204 / 3103
10-44-1151		15	2800 ± .007	3004 / 2902
10-44-1141		14	2600 ± .007	2804 / 2702
10-44-1131		13	2400 ± .006	2603 / 2503
10-44-1121		12	2200 ± .006	2403 / 2303
10-44-1111		11	2000 ± .006	2203 / 2103
10-44-1101		10	1800 ± .005	2002 / 1904
10-44-1091		9	1600 ± .005	1802 / 1704
10-44-1081		8	1400 ± .004	1601 / 1505
10-44-1071		7	1200 ± .004	1401 / 1305
10-44-1061		6	1000 ± .004	1201 / 1105
10-44-1051		5	800 ± .003	1000 / 906
10-44-1041		4	600 ± .003	800 / 766
10-44-1031		3	400 ± .002	599 / 507
10-44-1021	A-2599-2AG	2	200 ± .002	399 / 307

WAFER MATL: NYLON, PER ENG. STD. 1289-1 .200 CENTER DIST.

REVISIONS	DATE	BY	REASON
1	9-12-80	GEF	9-12-80 GEF
2	12-20-84	ERT	12-20-84
3	10-10-84	ERT	10-10-84
4	15-14-84	ERT	15-14-84
5	18-17-84	ERT	18-17-84
6	10-10-84	ERT	10-10-84
7	12-20-84	ERT	12-20-84
8	10-10-84	ERT	10-10-84
9	15-14-84	ERT	15-14-84
10	18-17-84	ERT	18-17-84
11	10-10-84	ERT	10-10-84
12	12-20-84	ERT	12-20-84
13	10-10-84	ERT	10-10-84
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25	18-17-84	ERT	18-17-84
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97	12-20-84	ERT	12-20-84
98	10-10-84	ERT	10-10-84
99	15-14-84	ERT	15-14-84
100	18-17-84	ERT	18-17-84

MOLEX PRODUCT CO.
9-12-80
A-2599-NAG