

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0010441123

Status:

Active

Overview:

kk

Description:

5.08mm (.200") Pitch KK® Header, Vertical, with Polarizing Backwall, 12 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)

12

Circuits (maximum)

12

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

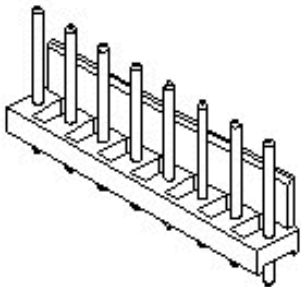
Old Part Number

2599-12BG

Reference - Drawing Numbers

Sales Drawing

SDA-2599-NBG



Series

image - Reference only

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

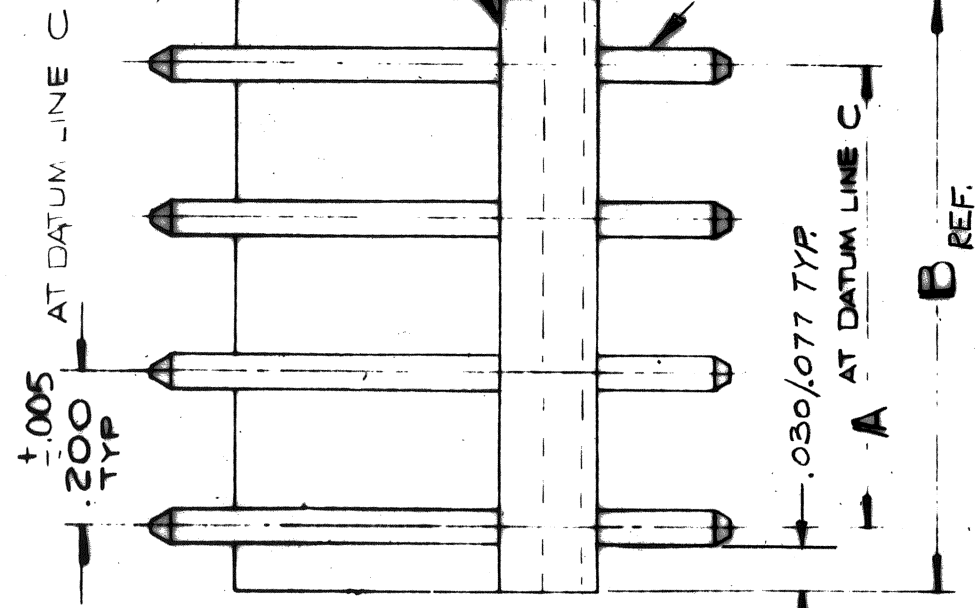
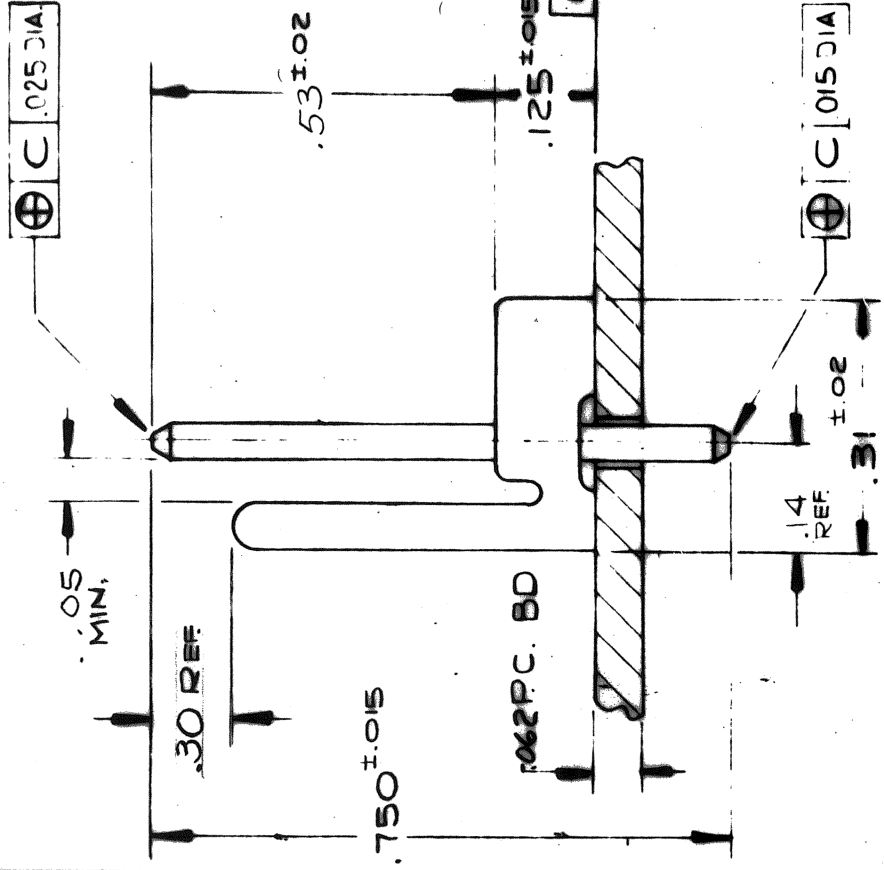
2599Series

Mates With

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

This document was generated on 05/24/2010

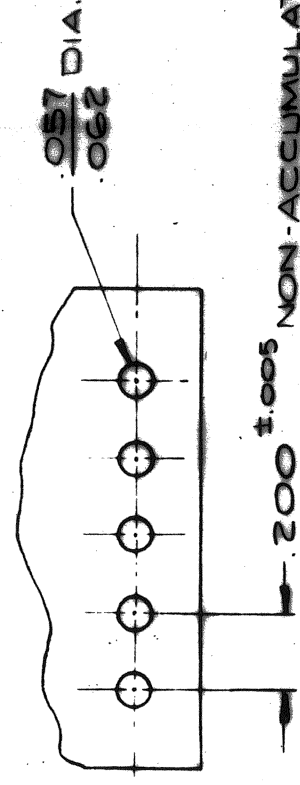
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SEE CHART
PART NO.
SLA-2593-NBG

SEE NOTE 1

SLIGHT SAW BURR PERMITTED
ON TOP & SIDE EDGES - BOTH SIDES



RECOMMENDED PC BOARD

HOLE DIMENSIONS

NOT TOOLED	A-2593-18BG	18	34-00±.009	3608/3496
	-17	17	3200±.009	3408/3296
	-16	16	3000±.008	3207/3097
	-15	15	2800±.008	3007/2897
	-14	14	2600±.008	2807/2697
NOT TOOLED	-13	13	2400±.007	2606/2498
10-44-1123	-12	12	2200±.007	2406/2298
NOT TOOLED	-11	11	2000±.007	2206/2098
	-10	10	1800±.006	2005/1899
	-9	9	1600±.006	1805/1699
	-8	8	1400±.005	1604/1500
	-7	7	1200±.005	1404/1300
	-6	6	1000±.005	1204/1100
	-5	5	800±.004	1003/901
	-4	4	600±.004	803/701
	-3	3	400±.003	602/502
NOT TOOLED	A-2593-28BG	2	200±.003	402/302
PART N°	ENG N°	N° OF CIRCUITS	DIM. A	DIM. B

NOTES:

- PIN PUSH OUT FORCE: 3 LBS. MIN.
- BURRS NOT TO EXTEND BELOW SURFACE D
- PRODUCT MUST COMPLY TO MOLEX SOLDERABILITY SPEC. NO 152.
- THIS PART CONFORMS TO MOLEX PROD. SPEC. 10-39.

WAFER MATERIAL: NYLON 6/6 94V-2

.200 CENTER DIST

ITEM	DESCRIPTION	QTY	UNIT
1	8-1-80 JIRG	1	PCB
2	8-1-80 JIRG	1	PCB
3	8-1-80 JIRG	1	PCB
4	8-1-80 JIRG	1	PCB
5	8-1-80 JIRG	1	PCB
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100	8-1-80 JIRG	1	PCB

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