

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022052021

Status:

Active

Description:

2.54mm (.100") Pitch KK® Wire-to-Board Header, Single Row, Right Angle, 2 Circuits, PA Polyamide Nylon, Tin (Sn) Plating

Documents:

3D Model

Packaging Specification (PDF)

Drawing (PDF)

Product Specification PS-10-07 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

4094

Application

Board-to-Board, Wire-to-Board

MolexKits

Yes

Product Name

KK®

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

Color - Resin

Natural (White)

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Orientation

Right Angle

PC Tail Length (in)

0.124 In

PC Tail Length (mm)

3.15 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)

0.100 In

Pitch - Mating Interface (mm)

2.54 mm

Plating min: Mating (µin)

200

Plating min: Mating (µm)

5

Plating min: Termination (µin)

200

Plating min: Termination (µm)

5

Polarized to Mating Part

No

Polarized to PCB

No

Shrouded

No

Stackable

Yes

Surface Mount Compatible (SMC)

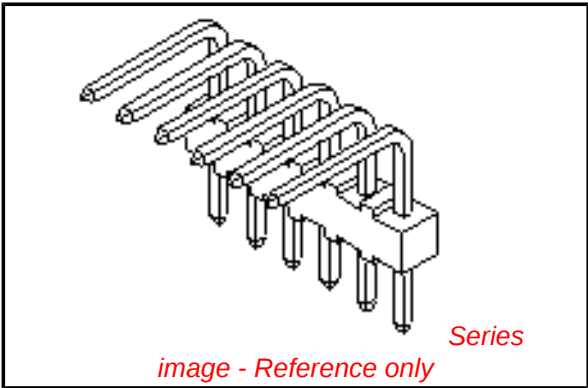
No

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

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
4094Series

Mates With
2695 , 6471 , 7880 , 4455 , 7720

Electrical

Current - Maximum per Contact	4A
Voltage - Maximum	250V

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	A-4094-02A102
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Reference - Drawing Numbers

Packaging Specification	PK-4094-001
Product Specification	PS-10-07
Sales Drawing	SDA-4094

This document was generated on 05/27/2010

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	13	12	11	10	9	8	7	6	5	4	3	2	1	
	A-4094-NA I02		A-4094-NA50 I		A-4094-NAB I02		A-4094-NAC I02		A-4094-NAJ I02		A-4094-NAL I02			
J	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	J	
	22-05-202 I	A-4094-2A I02	22-12-202 I	A-4094-2A50 I	22-05-2026	A-4094-2AB I02		A-4094-2AC I02		A-4094-2AJ I02	22-05-2027	A-4094-2AL I02		
	22-05-203 I	A-4094-3A I02	22-12-203 I	A-4094-3A50 I	22-05-2036	A-4094-3AB I02		A-4094-3AC I02		A-4094-3AJ I02	22-05-2037	A-4094-3AL I02		
	22-05-204 I	A-4094-4A I02	22-12-204 I	A-4094-4A50 I	22-05-2046	A-4094-4AB I02		A-4094-4AC I02		A-4094-4AJ I02	22-05-2047	A-4094-4AL I02		
I	22-05-205 I	A-4094-5A I02	22-12-205 I	A-4094-5A50 I	22-05-2056	A-4094-5AB I02		A-4094-5AC I02		A-4094-5AJ I02	22-05-2057	A-4094-5AL I02	I	
	22-05-206 I	A-4094-6A I02	22-12-206 I	A-4094-6A50 I	22-05-2066	A-4094-6AB I02		A-4094-6AC I02		A-4094-6AJ I02	22-05-2067	A-4094-6AL I02		
	22-05-207 I	A-4094-7A I02	22-12-207 I	A-4094-7A50 I	22-05-2076	A-4094-7AB I02		A-4094-7AC I02		A-4094-7AJ I02	22-05-2077	A-4094-7AL I02		
	22-05-208 I	A-4094-8A I02	22-12-208 I	A-4094-8A50 I	22-05-2086	A-4094-8AB I02		A-4094-8AC I02		A-4094-8AJ I02	22-05-2087	A-4094-8AL I02		
	22-05-209 I	A-4094-9A I02	22-12-209 I	A-4094-9A50 I	22-05-2096	A-4094-9AB I02		A-4094-9AC I02		A-4094-9AJ I02	22-05-2097	A-4094-9AL I02		
H	22-05-210 I	A-4094-10A I02	22-12-210 I	A-4094-10A50 I	22-05-2106	A-4094-10AB I02		A-4094-10AC I02		A-4094-10AJ I02	22-05-2107	A-4094-10AL I02	H	
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	22-05-212 I	A-4094-12A I02	22-12-212 I	A-4094-12A50 I	22-05-2126	A-4094-12AB I02		A-4094-12AC I02		A-4094-12AJ I02	22-05-2127	A-4094-12AL I02		
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	22-05-217 I	A-4094-17A I02	22-12-217 I	A-4094-17A50 I	22-05-2176	A-4094-17AB I02		A-4094-17AC I02		A-4094-17AJ I02	22-05-2177	A-4094-17AL I02		
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F	22-05-221 I	A-4094-21A I02	22-12-221 I	A-4094-21A50 I	22-05-2216	A-4094-21AB I02		A-4094-21AC I02		A-4094-21AJ I02	22-05-2217	A-4094-21AL I02	F	
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D													D	
C													C	
B													B	
A													A	
UPDATE TITLE BLOCK EC NO: UCP2005-2329 DRW:ADER CHKD:LSCHM DT APPR:FSM TH 2005/07/26 2005/07/27 2005/07/27 DESCRIPTION REV QUALITY SYMBOLS ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM/IN DRAWN BY KSS CHECKED BY NP APPROVED BY KJA MATERIAL NO. SIZE C DATE 1984/09/10 DATE 1984/09/10 DATE 1984/09/10 DOCUMENT NO. SDA-4094 SHEET NO. 4 OF 14 SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING MOLEX MOLEX INCORPORATED THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
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