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Part Number: [0022052191](#)
Status: **Active**
Description: 2.54mm (.100") Pitch KK® Wire-to-Board Header, Single Row, Right Angle, 19 Circuits, PA Polyamide Nylon, Tin (Sn) Plating

Documents:

3D Model	Product Specification PS-10-07 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification

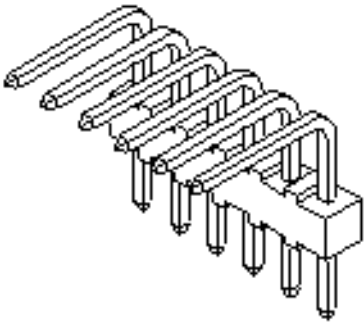
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	4094
Application	Board-to-Board, Wire-to-Board
Product Name	KK®

Physical

Breakaway	No
Circuits (Loaded)	19
Circuits (maximum)	19
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



Series
image - Reference only

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-4094-19A102
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Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SDA-4094

This document was generated on 04/08/2010

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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- I2-202 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- I2-203 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- I2-204 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		
	22-05-205 I	* A-4094-5A I02	22- I2-205 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- I2-206 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- I2-207 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- I2-208 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- I2-209 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	22-05-2 I0 I	* A-4094- I0A I02	22- I2-2 I0 I	* A-4094- I0A50 I	22-05-2 I06	A-4094- I0AB I02		A-4094- I0AC I02		A-4094- I0AJ I02	22-05-2 I07	A-4094- I0AL I02	H	
	22-05-2 I I I	* A-4094- I I A I02	22- I2-2 I I I	* A-4094- I I A50 I	22-05-2 I I6	A-4094- I I AB I02		A-4094- I I AC I02		A-4094- I I AJ I02	22-05-2 I I7	A-4094- I I AL I02		
	22-05-2 I2 I	* A-4094- I2A I02	22- I2-2 I2 I	* A-4094- I2A50 I	22-05-2 I26	A-4094- I2AB I02		A-4094- I2AC I02		A-4094- I2AJ I02	22-05-2 I27	A-4094- I2AL I02		
	22-05-2 I3 I	* A-4094- I3A I02	22- I2-2 I3 I	* A-4094- I3A50 I	22-05-2 I36	A-4094- I3AB I02		A-4094- I3AC I02		A-4094- I3AJ I02	22-05-2 I37	A-4094- I3AL I02		
	22-05-2 I4 I	* A-4094- I4A I02	22- I2-2 I4 I	* A-4094- I4A50 I	22-05-2 I46	A-4094- I4AB I02		A-4094- I4AC I02		A-4094- I4AJ I02	22-05-2 I47	A-4094- I4AL I02		
	22-05-2 I5 I	* A-4094- I5A I02	22- I2-2 I5 I	* A-4094- I5A50 I	22-05-2 I56	A-4094- I5AB I02		A-4094- I5AC I02		A-4094- I5AJ I02	22-05-2 I57	A-4094- I5AL I02		
G	22-05-2 I6 I	* A-4094- I6A I02	22- I2-2 I6 I	* A-4094- I6A50 I	22-05-2 I66	A-4094- I6AB I02		A-4094- I6AC I02		A-4094- I6AJ I02	22-05-2 I67	A-4094- I6AL I02		
	22-05-2 I7 I	* A-4094- I7A I02	22- I2-2 I7 I	* A-4094- I7A50 I	22-05-2 I76	A-4094- I7AB I02		A-4094- I7AC I02		A-4094- I7AJ I02	22-05-2 I77	A-4094- I7AL I02	G	
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	22-05-220 I	* A-4094-20A I02	22- I2-220 I	* A-4094-20A50 I	22-05-2206	A-4094-20AB I02		A-4094-20AC I02		A-4094-20AJ I02	22-05-2207	A-4094-20AL I02		
	22-05-22 I I	* A-4094-2 I A I02	22- I2-22 I I	* A-4094-2 I A50 I	22-05-22 I6	A-4094-2 I AB I02		A-4094-2 I AC I02		A-4094-2 I AJ I02	22-05-22 I7	A-4094-2 I AL I02		
F	22-05-222 I	* A-4094-22A I02	22- I2-222 I	* A-4094-22A50 I	22-05-2226	A-4094-22AB I02		A-4094-22AC I02		A-4094-22AJ I02	22-05-2227	A-4094-22AL I02	F	
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	22-05-225 I	* A-4094-25A I02	22- I2-225 I	* A-4094-25A50 I	22-05-2256	A-4094-25AB I02		A-4094-25AC I02		A-4094-25AJ I02	22-05-2257	A-4094-25AL I02		
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D														D
C														C
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tb_frame_C_P_ME_T Rev. D 2004/04/02 12 11 10 9 8 7 6 5 4 3 2 1 UPDATE TITLE BLOCK EC NO: UCP2005-2329 DRW:ADER CHKD:LSCHM:DT APPR:FSH:TH 2005/07/26 2005/07/27 2005/07/27 DESCRIPTION REV AD1 QUALITY SYMBOLS ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mmINCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM/IN DRAWN BY DATE KSS 1984/09/10 CHECKED BY DATE NP 1984/09/10 APPROVED BY DATE KJA 1984/09/10 MATERIAL NO. DOCUMENT NO. 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 INCORPORATED SDA-4094 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														