Datasheet 11/10/08 8:35 AM

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Home PCB Headers Datasheet

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:

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Drawing (PDF) Product Specification PS-10-07

(PDF)

3D Model Packaging Specification (PDF)

Related Catalog Page (PDF)

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Physical Electrical Material Info General

General

Product Family **PCB Headers**

4094 Series

Board-to-Board Application Wire-to-Board Application

Product Name KK®

Physical

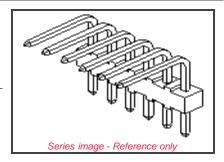
Breakaway No 2 Circuits (Loaded) 2 Circuits (maximum)

Natural (White) Color - Resin 25 cycles Durability (mating cycles) min 94V-0 Flammability 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 Nο **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 (uin) 200 Plating min: Mating (um) 5 Plating min: Termination (uin) 200

5

No



EU RoHS

China RoHS **ELV and RoHS Compliant**



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Duration at Max. Process Temperature (seconds)

Wave Lead-free Process Capable (TH Capability

only) Max. Cycles at Max. Process Temperature

Process Temperature max. 235

Search Parts in this Series

4094 Series

C

Mates With

2695, 6471, 7880, 4455, 7720

Plating min: Termination (um)

Polarized to Mating Part

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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

Electrical

 CSA
 LR19980

 Current - Maximum
 4.000 Amp

 UL
 E29179

 Voltage - Maximum
 250V

Material Info

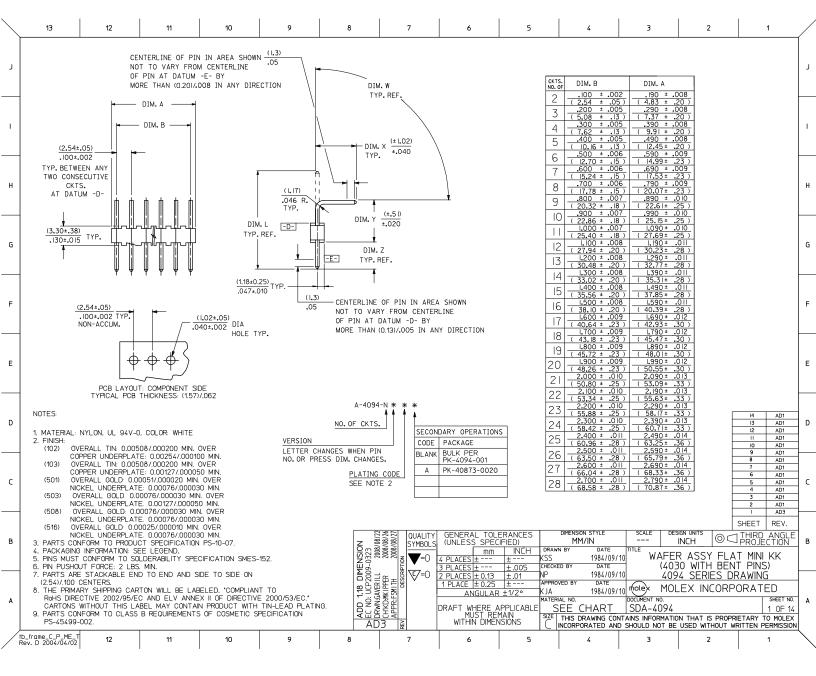
Old Part Number A-4094-02A102

Reference - Drawing Numbers

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

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J	ENG. NO. PIN NO.		10.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM.	DIM. T	ENG.	NO. PIN NO.		NO.	DIM.	L DIM.	x DIM	. Z DIN		DIM.	DIM. T]
	A-4094-NA IO2	2 2766-3(102)		.687	(9.30) .366	(3.15)	(6.30)	90°		A-4094-NCM501		2766-1(50	2766-1(501) (14.22) .560			(5.92		.11)	90°			
	A-4094-NA501	2766-3(501)		.687	(9.30) 366	(3.15)	.248	90°		A-4094-NC	N501	2766-53(5	501)	.82		SEE SI			90°			
	A-4094-NAB IO2	2766-40(102)		.937	.590	.149	(6.30)	90°		A-4094-NC	R501	2766-73(501)		.894	.548	.13	7 .2	60	90°			١,
	A-4094-NAC IO2	2766-54(102)		.703	.381	.170	.202	90°		A-4094-NCS501		4166-74(501)		1.230	.875	(3.7	.2	30	900			'
	A-4094-NAJ 102	094-NAJ 102 2766-8(102)		.842	<u>(10.19)</u> .401	.161	.331	90°		A-4094-NCV501		2766-28(501) (15.88)			(3.23		48	90°			\vdash	
	A-4094-NAL IO2	2766-8(102)		.842	.491	.154	.248	90°		A-4094-NCY508						SEE S		.ID :	90°			
Н	A-4094-NAM102			.687	.194	.287	.257	900		A-4094-NCZ501		2766-3(5)	2766-3(501) (17.45)		.366	.09	1 .2	80	90°			Н
	A-4094-NAP IO2			.687	.331	.149	.258	90°			1094-NJ 102		02)	.625	.261	.119	3 .3	83	55°			L
	A-4094-NB IO2	2766-43(102) 2766-37(102)		.530 (20.32)	(11,53)	(3.61)	(6.30) .248 (6.50)	90°		A-4094-N		2766-3(1		.68	7 .293	.11	12	333	900			
G	A-4094-NBE 102			.800	.454	.140	.256	90°		A-4094-NF		2766-37		.800	.482	.12	21 .:	248	90°			G
	A-4094-NBE501	2766-37(501)		.800	.454	.140	.256	90°		A-4094-NF		2766-53		.82	.485 .139 .2		248	90°				
	A-4094-NBF I02	2766-41(102)		.736	.366	.110	.310	90°		A-4094-NI		2766-37		.80	.366	.14	2 .	66)	900			
F	A-4094-NBF501	2766-41(501)		.736	.366	.110	.310	90°		A-4094-N2				.68	7 .202	.31	3	30)	90°			F
	A-4094-NBH102	2766-37(102)		.800	.461	.091	.298	90°		A-4094-NI		2766-1(10		.56	.206	.15	6 .:	248	90°			
_	A-4094-NBK 103	4166-11(103) 2766-41(102) 2766-41(501) 2766-8(102)		.650	.197	.302	.202	900		A-4094-NI A-4094-NI		4166-38(102)		(30.4	8) (9.30	.12	17) (19	9.38)	900			
Ε	A-4094-NBJ102			.736	.371	.143	.273	900		A-4094-NI	DC IO2 2766-40(IO2)		(23.8	0) (12.70	(3.)	.121 .763 (3.15) (9.22) .124 .363 (3.15) (6.30)	.22)	900			E	
-	A-4094-NBJ50 I A-4094-NBL IO2			.736	(3.81)	(3.05)	.273	25°		A-4094-NA			.93	5) (9.30	(3.)		.30)	900			-	
	A-4094-NBM IO2	2 2766-28(102) 2 2766-3(102)		.842	(5.79)	.120	.693	1390		A-4094-NI	NDD IO2 2766-60(IO2) NAR IO2 2766-26(IO2)			.68	4) (9.53		(4)	.35)	900			\vdash
	A-4094-NBP IO2			.625	.228	.160	.248	105°		A-4094-N			.91	9) (4.06	(8.0	.340 .250 (8.03) (4.09) .316 .161	.09)	900				
D	A-4094-NBR501			.687	.357	.310 (1.63)	(4.90)	900		A-4094-N				.59	9) (8.26	(3.2	(12	2.75)	45° —			D
	A-4094-NBT IO2	2766-39(102)		.575 (12.70) .500	(6.38)	(2.79)	.193 (4.78)	900		A-4094-NA	AT501	2766-410	501)	(18.6	9) (8.26	.12	(12	502 2.75) 502	45°			L
	A-4094-NCA IO2	2766-57(102)		(13.84)	.251 (5.23) .206	(3.61)	(6.30)	900		A-4094-NI)E50 I	2766-73	501)	(22.	(9.98		(0)	001	90°			
C	A-4094-NCC IO2	2766-73(102)		(22.71)	(10.74)	(3.25)	(13.61)	600		A-4094-NI	F 102			(22.2	3) (6.12))5) (6	251	90°			С
	A-4094-NCE 102	2766-54(102)		(17.86)	(9.14)	(3.91)	(6.10)	90°		A-4094-NI)G 102			(12.7			0) (6	701	90°			
	A-4094-NCM102	2766-1(102)		(14.22)	(4.47)	(5.92)	(5.11)	90°		A-4094-NE	3K 102	4166-11(1	02)	(16.5			(5)	202	900			
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			22-12-2021 * A-4094-2A50		22-05-2	026 A-4094-2ABI	02	A-4094-	A-4094-2ACI02		A-4094-2AJ 102	22-05-2027	A-4094-2AL IO2	
			22-12-2031	* A-4094-3A501	22-05-2	22-05-2036 A-4094-3ABIO		A-4094-	3AC 102	22-05-3038	A-4094-3AJ 102	22-05-2037	A-4094-3AL IO2	
	22-05-2041 * A-4094-4A102		22-12-2041	* A-4094-4A501	22-05-2	046 A-4094-4ABI	02	A-4094-	4AC 102	22-05-3048	A-4094-4AJ102	22-05-2047	A-4094-4AL I02	
	22-05-2051 *	A-4094-5A IO2	22-12-2051	* A-4094-5A501	22-05-2	056 A-4094-5ABI	02	A-4094-	5AC 102	22-05-3058	A-4094-5AJ102	22-05-2057	A-4094-5AL IO2	
1	22-05-2061 *	A-4094-6A IO2	22-12-2061	* A-4094-6A501	22-05-2	066 A-4094-6AB	02	A-4094-	6AC I02	22-05-3068	A-4094-6AJI02	22-05-2067	A-4094-6AL 102	1 .
	22-05-2071 *	A-4094-7A IO2	22-12-2071	* A-4094-7A501	22-05-2	076 A-4094-7ABI	02	A-4094-	7AC I02	22-05-3078	A-4094-7AJ 102	22-05-2077	A-4094-7AL I02	
	22-05-2081 * A-4094-8A102		22-12-2081	* A-4094-8A501	22-05-2	086 A-4094-8ABI	02	A-4094-	8AC 102	22-05-3088	A-4094-8AJ 102	22-05-2087	A-4094-8AL I02	
	22-05-2091 *	A-4094-9A IO2	22-12-2091	* A-4094-9A501	22-05-2	096 A-4094-9ABI	02	A-4094-	9AC 102	22-05-3098	A-4094-9AJ 102	22-05-2097	A-4094-9AL I02	
	22-05-2101 *	A-4094-IOA IO2	22-12-2101	* A-4094-I0A50I	22-05-2	IO6 A-4094-IOAE	102	A-4094-	10AC 102	22-05-3108	A-4094-I0AJI02	22-05-2107	A-4094-IOAL IO2	
н	22-05-2111 *	A-4094-11A102	22-12-2111	* A-4094-IIA50I	22-05-2	116 A-4094-11AB	02	A-4094-		22-05-3118	A-4094-11AJ102	22-05-2117	A-4094-11AL 102	
	22-05-2121 *	A-4094-12A102	22-12-2121	* A-4094-12A501	22-05-2	126 A-4094-12AB	102	A-4094-	12AC 102	22-05-3128	A-4094-12AJ102	22-05-2127	A-4094-12AL 102	1
	22-05-2131 * A-4094-13A102		22-12-2131	* A-4094-I3A501	22-05-2	136 A-4094-13AB	102	A-4094-		22-05-3138	A-4094- I3AJ I02	22-05-2137	A-4094- I3AL I02	
	22-05-2141 *	A-4094-14A 102	22-12-2141	* A-4094-14A501	22-05-2		-	A-4094-		22-05-3148	A-4094-14AJ102	22-05-2147	A-4094-14AL102	-
	22-05-2151 *	A-4094-15A102	22-12-2151	* A-4094-I5A501	22-05-2		102	A-4094-	15AC 102	22-05-3 158	A-4094- I5AJ I02	22-05-2157	A-4094-I5AL I02	
_		A-4094-16A102	22-12-2161	* A-4094-16A501	22-05-2		-	A-4094-		22-05-3168	A-4094-16AJ102	22-05-2167	A-4094-16AL 102	_
G		A-4094-17A102	22-12-2171	* A-4094-17A501	22-05-2			A-4094-		22-05-3178	A-4094- I7AJ I02	22-05-2177	A-4094-17AL 102	G
		A-4094-18A 102	22-12-2181	* A-4094-18A501	22-05-2			A-4094-		22-05-3188	A-4094-I8AJI02	22-05-2187	A-4094-18AL102	
		A-4094-19A 102	22-12-2191	* A-4094-19A501	22-05-2			A-4094-		22-05-3198	A-4094-19AJ102	22-05-2197	A-4094-19AL102	
		A-4094-20A IO2	22-12-2201	* A-4094-20A501	22-05-2		-	A-4094-		22-05-3208	A-4094-20AJI02	22-05-2207	A-4094-20AL I02	
	22-05-2211 *		22-12-2211	* A-4094-21A501	22-05-2			A-4094-		22-05-3218	A-4094-2 IAJ IO2	22-05-22 17	A-4094-21AL102	
F	22-05-2221 *	A-4094-22A102	22-12-2221	* A-4094-22A501	22-05-2			A-4094-		22-05-3228	A-4094-22AJ IO2	22-05-2227	A-4094-22AL IO2	F
	22-05-2231 *		22-12-2231	* A-4094-23A501	22-05-2			A-4094-		22-05-3238	A-4094-23AJ 102	22-05-2237	A-4094-23AL IO2	
	22-05-2241 *	A-4094-24A102	22-12-2241	* A-4094-24A501	22-05-2			A-4094-		22-05-3248	A-4094-24AJ IO2	22-05-2247	A-4094-24AL IO2	
	22-05-2251 *		22-12-2251	* A-4094-25A501	22-05-2		-	A-4094-		22-05-3258	A-4094-25AJ IO2	22-05-2257	A-4094-25AL IO2	
	22-05-2261	A-4094-26A IO2	22-12-2261	A-4094-26A501	22-05-2			A-4094-		22-05-3268	A-4094-26AJI02	22-05-2267	A-4094-26AL IO2	
Е	22-05-2271	A-4094-27A IO2	22-12-2271	A-4094-27A501	22-05-2			A-4094-		22-05-3278	A-4094-27AJ102	22-05-2277	A-4094-27AL IO2	E
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