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Part Number: [0026605180](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Solid Header, Right Angle, with Friction Lock, 18 Circuits, Tin (Sn) Plating

Documents:

[3D Model](#) [Product Specification PS-08-50 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [41792](#)
 Application Wire-to-Board
 Overview [kk](#)
 Product Name KK®

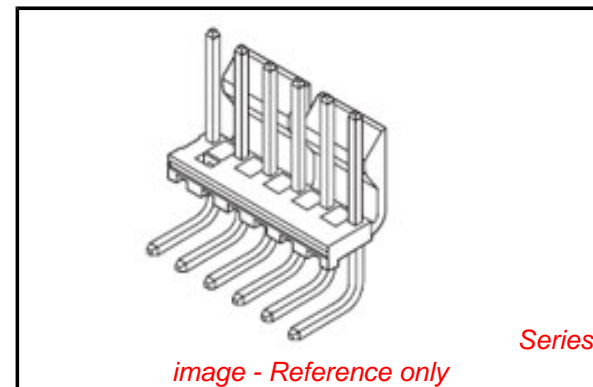
Physical

Breakaway No
 Circuits (Loaded) 18
 Circuits (maximum) 18
 Color - Resin Natural
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Resin Polyester
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length (in) 0.156 In
 PC Tail Length (mm) 3.96 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) 0.156 In
 Pitch - Mating Interface (mm) 3.96 mm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Partial
 Stackable Yes
 Temperature Range - Operating 0°C to +75°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 7A
 Voltage - Maximum 250V

Solder Process Data



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status
Not Reviewed

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

[41792Series](#)

Mates With

[3069](#) , [2139](#) , [2145](#) , [6442](#) , [7674](#) , [7675](#) , [41695](#) , L ink:41815

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	41792-0018
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Reference - Drawing Numbers

Packaging Specification	PK-41792-002
Product Specification	PS-08-50
Sales Drawing	SDA-41792

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

OPTIONS	Group	A-41792-0002/0018	Group	A-41792-0511/0527	Group	A-41792-0528/0544	Group	A-41792-0562/0578
	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018
	Pin No:	2161-37(102)	Pin No:	43294-0569	Pin No:	43294-0570	Pin No:	43294-0570
	Plating:	102 – TIN	Plating:	208 – 15 GOLD	Plating:	228 – 30 GOLD	Plating:	228 – 30 GOLD
	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450
	Gold Loc G	N/A	Gold Loc G	6.86/ .270	Gold Loc G	6.86/ .270	Gold Loc G	6.86/ .270
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213
	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156
	Tin Loc T	OVERALL	Tin Loc T	5.08/ .200	Tin Loc T	5.08/ .200	Tin Loc T	5.08/ .200
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	2
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-60-5020	A-41792-0002	41792-0511	A-41792-0511	41792-0528	A-41792-0528	41792-0562	A-41792-0562
3	26-60-5030	A-41792-0003	41792-0512	A-41792-0512	41792-0529	A-41792-0529	41792-0563	A-41792-0563
4	26-60-5040	A-41792-0004	41792-0513	A-41792-0513	41792-0530	A-41792-0530	41792-0564	A-41792-0564
5	26-60-5050	A-41792-0005	41792-0514	A-41792-0514	41792-0531	A-41792-0531	41792-0565	A-41792-0565
6	26-60-5060	A-41792-0006	41792-0515	A-41792-0515	41792-0532	A-41792-0532	41792-0566	A-41792-0566
7	26-60-5070	A-41792-0007	41792-0516	A-41792-0516	41792-0533	A-41792-0533	41792-0567	A-41792-0567
8	26-60-5080	A-41792-0008	41792-0517	A-41792-0517	41792-0534	A-41792-0534	41792-0568	A-41792-0568
9	26-60-5090	A-41792-0009	41792-0518	A-41792-0518	41792-0535	A-41792-0535	41792-0569	A-41792-0569
10	26-60-5100	A-41792-0010	41792-0519	A-41792-0519	41792-0536	A-41792-0536	41792-0570	A-41792-0570
11	26-60-5110	A-41792-0011	41792-0520	A-41792-0520	41792-0537	A-41792-0537	41792-0571	A-41792-0571
12	26-60-5120	A-41792-0012	41792-0521	A-41792-0521	41792-0538	A-41792-0538	41792-0572	A-41792-0572
13	26-60-5130	A-41792-0013	41792-0522	A-41792-0522	41792-0539	A-41792-0539	41792-0573	A-41792-0573
14	26-60-5140	A-41792-0014	41792-0523	A-41792-0523	41792-0540	A-41792-0540	41792-0574	A-41792-0574
15	26-60-5150	A-41792-0015	41792-0524	A-41792-0524	41792-0541	A-41792-0541	41792-0575	A-41792-0575
16	26-60-5160	A-41792-0016	41792-0525	A-41792-0525	41792-0542	A-41792-0542	41792-0576	A-41792-0576
17	26-60-5170	A-41792-0017	41792-0526	A-41792-0526	41792-0543	A-41792-0543	41792-0577	A-41792-0577
18	26-60-5180	A-41792-0018	41792-0527	A-41792-0527	41792-0544	A-41792-0544	41792-0578	A-41792-0578

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
H6	EC No.: UCP2008-2821	KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS	- 2 -
	DATE: 6/23/2008		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA- 41792	GAVERRILL	MKIPPER	FSMITH

OPTIONS	Group	A-41792-0019/0035	Group	A-41792-0036/0050	Group	A-41792-0051/0067	Group	
	Header No:	41790-0002/0018	Header No:	41790-0004/0018	Header No:	41790-0002/0018	Header No:	
	Pin No:	2161-37(501)	Pin No:	2161-37(102)	Pin No:	2161-64(102)	Pin No:	
	Plating:	501 – GOLD	Plating:	102 – TIN	Plating:	102 - TIN	Plating:	
	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	29.85 / 1.175	Pin Length L	
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	13.28 / .523	Mating M	
	Gold Loc G	OVERALL	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	
	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156	PC Tail P	4.01 / .158	PC Tail P	
	Tin Loc T	N/A	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	
	Voided Ckts	NONE	Voided Ckts	4	Voided Ckts	NONE	Voided Ckts	
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-61-5020	A-41792-0019						
3	26-61-5030	A-41792-0020						
4	26-61-5040	A-41792-0021	26-61-5043	A-41792-0036	26-60-5041	A-41792-0053		
5	26-61-5050	A-41792-0022	26-61-5053	A-41792-0037				
6	26-61-5060	A-41792-0023	26-61-5063	A-41792-0038				
7	26-61-5070	A-41792-0024	26-61-5073	A-41792-0039				
8	26-61-5080	A-41792-0025	26-61-5083	A-41792-0040				
9	26-61-5090	A-41792-0026	26-61-5093	A-41792-0041				
10	26-61-5100	A-41792-0027	26-61-5103	A-41792-0042				
11	26-61-5110	A-41792-0028	26-61-5113	A-41792-0043				
12	26-61-5120	A-41792-0029	26-61-5123	A-41792-0044				
13	26-61-5130	A-41792-0030	26-61-5133	A-41792-0045				
14	26-61-5140	A-41792-0031	26-61-5143	A-41792-0046				
15	26-61-5150	A-41792-0032	26-61-5153	A-41792-0047				
16	26-61-5160	A-41792-0033	26-61-5163	A-41792-0048				
17	26-61-5170	A-41792-0034	26-61-5173	A-41792-0049				
18	26-61-5180	A-41792-0035	26-61-5183	A-41792-0050				

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H6	EC No.: UCP2008-2821	KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS	- 3 -
	DATE: 6/23/2008		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA- 41792	GAVERRILL	MKIPPER	FSMITH

OPTIONS	Group	A-41792-0198/0213	Group	A-41792-0214/0227	Group	A-41792-0242/0257	Group	A-41792-0341/0352
	Header No:	41790-0002/0018	Header No:	41790-0005/0018	Header No:	41790-0003/0018	Header No:	41790-0007/0018
	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN
	Pin Length L	27.94/ 1.100	Pin Length L	27.94/ 1.100	Pin Length L	27.94/ 1.100	Pin Length L	27.94/ 1.100
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213
	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	2	Voided Ckts	5	Voided Ckts	3	Voided Ckts	7
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3	26-62-5031	A-41792-0198			26-62-5035	A-41792-0242		
4	26-62-5041	A-41792-0199			26-62-5045	A-41792-0243		
5	26-62-5051	A-41792-0200	41792-0214	A-41792-0214	26-62-5055	A-41792-0244		
6	26-62-5061	A-41792-0201	26-62-5060	A-41792-0215	26-62-5065	A-41792-0245		
7	26-62-5071	A-41792-0202	41792-0216	A-41792-0216	26-62-5075	A-41792-0246	41792-0341	A-41792-0341
8	26-62-5081	A-41792-0203	41792-0217	A-41792-0217	26-62-5085	A-41792-0247	41792-0342	A-41792-0342
9	26-62-5091	A-41792-0204	41792-0218	A-41792-0218	26-62-5095	A-41792-0248	41792-0343	A-41792-0343
10	26-62-5101	A-41792-0205	26-62-5100	A-41792-0219	26-62-5105	A-41792-0249	26-62-5104	A-41792-0344
11	26-62-5111	A-41792-0206	41792-0220	A-41792-0220	26-62-5115	A-41792-0250	26-62-5114	A-41792-0345
12	26-62-5121	A-41792-0207	41792-0221	A-41792-0221	26-62-5125	A-41792-0251	41792-0346	A-41792-0346
13	26-62-5131	A-41792-0208	41792-0222	A-41792-0222	26-62-5135	A-41792-0252	41792-0347	A-41792-0347
14	26-62-5141	A-41792-0209	41792-0223	A-41792-0223	26-62-5145	A-41792-0253	41792-0348	A-41792-0348
15	26-62-5151	A-41792-0210	41792-0224	A-41792-0224	26-62-5155	A-41792-0254	41792-0349	A-41792-0349
16	26-62-5161	A-41792-0211	41792-0225	A-41792-0225	26-62-5165	A-41792-0255	41792-0350	A-41792-0350
17	26-62-5171	A-41792-0212	41792-0226	A-41792-0226	26-62-5175	A-41792-0256	41792-0351	A-41792-0351
18	26-62-5181	A-41792-0213	41792-0227	A-41792-0227	26-62-5185	A-41792-0257	41792-0352	A-41792-0352

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H6	EC No.: UCP2008-2821	KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS	- 4 -
	DATE: 6/23/2008		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA- 41792	GAVERRILL	MKIPPER	FSMITH

OPTIONS	Group	A-41792-0460/0471	Group	A-41792-0472/0483	Group	A-41792-0484/0493	Group	A-41792-0579/0595
	Header No:	41790-0007/0018	Header No:	41790-0007/0018	Header No:	41790-0009/0018	Header No:	41790-0002/0018
	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(154)
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	154 – TIN
	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213
	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	2, 7	Voided Ckts	4, 7	Voided Ckts	2, 5, 9	Voided Ckts	NONE
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2							50-29-1904	A-41792-0579
3							50-29-1905	A-41792-0580
4							50-29-1906	A-41792-0581
5							50-29-1907	A-41792-0582
6							50-29-1908	A-41792-0583
7	41792-0460	A-41792-0460		A-41792-0472			50-29-1909	A-41792-0584
8	41792-0461	A-41792-0461	26-60-5087	A-41792-0473			50-29-1910	A-41792-0585
9	26-60-5096	A-41792-0462		A-41792-0474		A-41792-0484	50-29-1911	A-41792-0586
10	41792-0463	A-41792-0463		A-41792-0475		A-41792-0485	50-29-1912	A-41792-0587
11	41792-0464	A-41792-0464		A-41792-0476		A-41792-0486	50-29-1913	A-41792-0588
12	41792-0465	A-41792-0465		A-41792-0477	26-60-5128	A-41792-0487	50-29-1914	A-41792-0589
13	41792-0466	A-41792-0466		A-41792-0478		A-41792-0488	50-29-1915	A-41792-0590
14	41792-0467	A-41792-0467		A-41792-0479		A-41792-0489	50-29-1916	A-41792-0591
15	41792-0468	A-41792-0468		A-41792-0480		A-41792-0490	50-29-1917	A-41792-0592
16	41792-0469	A-41792-0469		A-41792-0481		A-41792-0491	50-29-1918	A-41792-0593
17	41792-0470	A-41792-0470		A-41792-0482		A-41792-0492	50-29-1919	A-41792-0594
18	41792-0471	A-41792-0471		A-41792-0483		A-41792-0493	50-29-1920	A-41792-0595

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H6	EC No.: UCP2008-2821	KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS	- 5 -
	DATE: 6/23/2008		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA- 41792	GAVERRILL	MKIPPER	FSMITH

OPTIONS	Group	A-41792-0596/0612	Group	A-41792-0613/0629	Group	A-41792-0484/0493	Group	
	Header No:	41790-0007/0018	Header No:	41790-0009/0018	Header No:	41790-0009/0018	Header No:	
	Pin No:	2161-37(154)	Pin No:	2161-37(154)	Pin No:	2161-37(154)	Pin No:	
	Plating:	154 – TIN	Plating:	154 – TIN	Plating:	154 – TIN	Plating:	
	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	27.94 / 1.100	Pin Length L	
	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	
	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	5.41 / .213	Height Y	
	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156	PC Tail P	3.96 / .156	PC Tail P	
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	
	Voided Ckts	2, 7	Voided Ckts	2, 5, 9	Voided Ckts	2, 5, 9	Voided Ckts	
	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	PK-41792-002	Pack Per	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3								
4								
5								
6								
7	50-29-1926	A-41792-0601						
8	50-29-1927	A-41792-0602						
9	50-29-1928	A-41792-0603	50-29-1945	A-41792-0620		A-41792-0630		
10	50-29-1929	A-41792-0604	50-29-1946	A-41792-0621		A-41792-0631		
11	50-29-1930	A-41792-0605	50-29-1947	A-41792-0622		A-41792-0632		
12	50-29-1931	A-41792-0606	50-29-1948	A-41792-0623	41792-0633	A-41792-0633		
13	50-29-1932	A-41792-0607	50-29-1949	A-41792-0624		A-41792-0634		
14	50-29-1933	A-41792-0608	50-29-1950	A-41792-0625		A-41792-0635		
15	50-29-1934	A-41792-0609	50-29-1951	A-41792-0626		A-41792-0636		
16	50-29-1935	A-41792-0610	50-29-1952	A-41792-0627		A-41792-0637		
17	50-29-1936	A-41792-0611	50-29-1953	A-41792-0628		A-41792-0638		
18	50-29-1937	A-41792-0612	50-29-1954	A-41792-0629		A-41792-0639		

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
H6	EC No.: UCP2008-2821	KK 156 HEADER ASSEMBLY FRICTION LOCK RIGHT ANGLE W/O PEGS	- 6 -
	DATE: 6/23/2008		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA- 41792	GAVERRILL	MKIPPER	FSMITH