

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022232101](#)
Status: **Active**
Description: 2.54mm (.100") Pitch KK® Solid Header, Vertical, with Friction Lock, 10 Circuits, Tin (Sn) Plating

Documents:
[3D Model](#)
[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	6373
Application	Wire-to-Board
Product Name	KK®

Physical

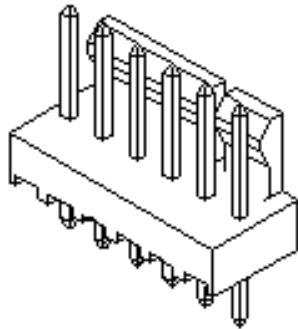
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural (White)
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.140 In
PC Tail Length (mm)	3.56 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
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
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*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
**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
[6373Series](#)

Mates With
[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

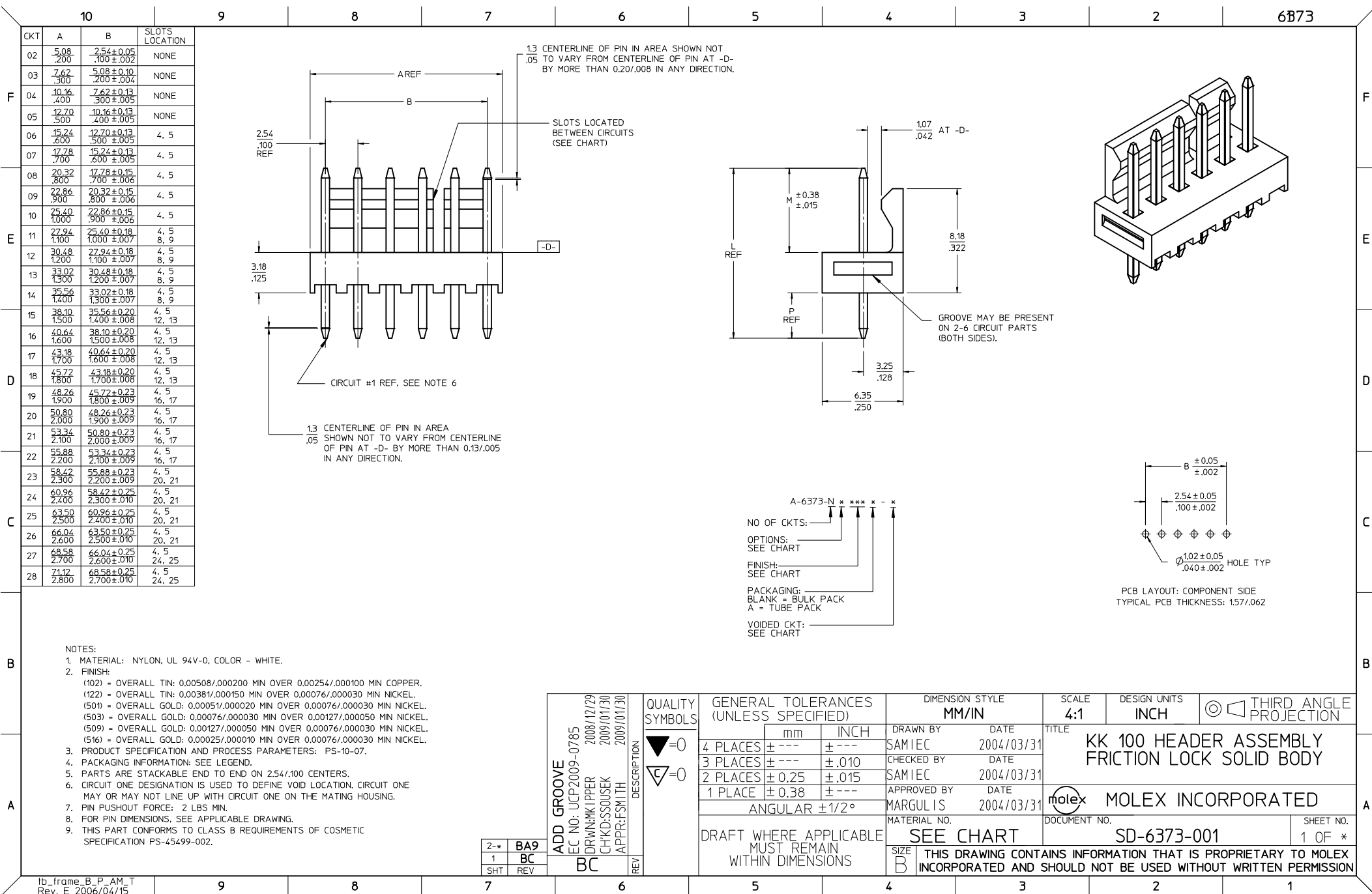
Old Part Number	A-6373-10A102
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Reference - Drawing Numbers

Packaging Specification	PK-6373-001
Product Specification	PS-10-07
Sales Drawing	SD-6373-001

This document was generated on 05/11/2010

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GROUP:		A-6373-NA102-*												
PIN NUMBER:		2766-1(102)												
PIN LENGTH: L		.560 / (14.22)												
MATING: M		.295 / (7.49)												
PC TAIL: P		.140 / (3.56)												
PACKAGING:		PK-6373-001 BULK												
CKT	MATERIAL NUMBER	ENG NUMBER	CKT	MATERIAL NUMBER	ENG NUMBER	VOID CKT	CKT	MATERIAL NUMBER	ENG NUMBER	VOID CKT	CKT	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-23-2021	A-6373-02A102	9	22-04-5094	A-6373-09A102-4	4	11	22-04-5117	A-6373-11A102-7	7	07	22-04-5076	A-6373-07A102-2	2
3	22-23-2031	A-6373-03A102	9	22-04-5096	A-6373-09A102-6	6	06	22-04-5063	A-6373-06A102-3	3	07	22-04-5077	A-6373-07A102-6	6
4	22-23-2041	A-6373-04A102	11	22-04-5114	A-6373-11A102-4	4	10	22-04-5101	A-6373-10A102-1	1	06	22-04-5069	A-6373-06A102-54	4, 5
5	22-23-2051	A-6373-05A102	11	22-04-5118	A-6373-11A102-8	8	10	22-04-5102	A-6373-10A102-2	2	25	22-04-5252	A-6373-25A102-2	2
6	22-23-2061	A-6373-06A102	08	22-04-5083	A-6373-08A102-3	3	10	22-04-5103	A-6373-10A102-3	3	08	22-04-5086	A-6373-08A102-6	6
7	22-23-2071	A-6373-07A102	08	22-04-5082	A-6373-08A102-2	2	15	22-04-5154	A-6373-15A102-14	14	08	22-04-5087	A-6373-08A102-52	2,3,5,6,7
8	22-23-2081	A-6373-08A102	10	22-04-5106	A-6373-10A102-6	6	05	22-04-5052	A-6373-05A102-2	2	10	22-04-5105	A-6373-10A102-5	5
9	22-23-2091	A-6373-09A102	04	22-04-5043	A-6373-04A102-3	3	08	22-04-5084	A-6373-08A102-4	4	05	22-04-5057	A-6373-05A102-52	2, 4
10	22-23-2101	A-6373-10A102	08	22-04-5081	A-6373-08A102-51	2,4,6	06	22-04-5064	A-6373-06A102-4	4	19	22-04-5198	A-6373-19A102-8	8
11	22-23-2111	A-6373-11A102	09	22-04-5093	A-6373-09A102-3	3	03	22-04-5031	A-6373-03A102-1	1	11	22-04-5119	A-6373-11A102-51	2,4,6,8,10
12	22-23-2121	A-6373-12A102	08	22-04-5085	A-6373-08A102-5	5	05	22-04-5053	A-6373-05A102-3	3	12	22-04-5129	A-6373-12A102-11	11
13	22-23-2131	A-6373-13A102	06	22-04-5065	A-6373-06A102-5	5	11	22-04-5116	A-6373-11A102-6	6	08	22-04-5088	A-6373-08A102-53	4, 6
14	22-23-2141	A-6373-14A102	07	22-04-5072	A-6373-07A102-52	2,4,6	07	22-04-5074	A-6373-07A102-4	4	04	22-04-5044	A-6373-04A102-4	4
15	22-23-2151	A-6373-15A102	06	22-04-5062	A-6373-06A102-2	2	10	22-04-5079	A-6373-10A102-52	2,3,5,6,8,9	27	22-04-5277	A-6373-27A102-51	3,7,9,11,14, 16, 21, 23
16	22-23-2161	A-6373-16A102	07	22-04-5071	A-6373-07A102-51	2,3,5,6	04	22-04-5049	A-6373-04A102-51	2,3				
17	22-23-2171	A-6373-17A102	10	22-04-5100	A-6373-10A102-10	10	04	22-04-5048	A-6373-04A102-52	2,4	11	22-04-5115	A-6373-11A102-52	5, 6
18	22-23-2181	A-6373-18A102	10	22-04-5109	A-6373-10A102-9	9	04	22-04-5041	A-6373-04A102-1	1	24	22-23-3245	A-6373-24A102-23	23
19	22-23-2191	A-6373-19A102	10	22-04-5108	A-6373-10A102-8	8	03	22-04-5032	A-6373-03A102-2	2	11	22-23-3115	A-6373-11A102-10	10
20	22-23-2201	A-6373-20A102	05	22-04-5054	A-6373-05A102-4	4	13	22-04-5139	A-6373-13A102-9	9	15	22-23-3155	A-6373-15A102-15	15
21	22-23-2211	A-6373-21A102	03	22-04-5033	A-6373-03A102-3	3	12	22-04-5126	A-6373-12A102-6	6	08	22-04-5089	A-6373-08A102-54	2, 5
22	22-23-2221	A-6373-22A102	07	22-04-5075	A-6373-07A102-5	5	13	22-04-5131	A-6373-13A102-51	2,3,5,6,8, 9,11,12	06	22-23-2069	A-6373-06A102-55	2,3,4,5
23	22-23-2231	A-6373-23A102	07	22-04-5073	A-6373-07A102-3	3	06	22-04-5066	A-6373-06A102-52	3,5	07	22-23-2079	A-6373-07A102-53	2,3,4,5,6
24	22-23-2241	A-6373-24A102	14	22-04-5149	A-6373-14A102-9	9	05	22-04-5056	A-6373-05A102-51	1,3,5	13	22-23-1137	A-6373-13A102-53	3,6,10,12
25	22-23-2251	A-6373-25A102	15	22-04-5152	A-6373-15A102-2	2	06	22-04-5067	A-6373-06A102-53	1, 5	10	22-23-1107	A-6373-10A102-53	4,7
26	22-23-2261	A-6373-26A102	11	50-29-1594	A-6373-11A102-53	2,3,4,5,7, 8,9,10	06	22-04-5068	A-6373-06A102-6	6	18	22-23-1187	A-6373-18A102-5	5
27	22-23-2271	A-6373-27A102					02	22-04-5021	A-6373-02A102-1	1	18	22-23-1188	A-6373-18A102-7	7
28	22-23-2281	A-6373-28A102	13	22-04-5132	A-6373-13A102-52	8, 9	04	22-04-5042	A-6373-04A102-2	2	12	50-29-0096	A-6373-12A102-8	8

REV: BA9	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY	<u>SHEET No.</u> - 2 -
	<u>EC No.:</u> UCP2007-1744			
	<u>DATE:</u> 1/24/2007			
<u>DOCUMENT NUMBER:</u> SD - 6373 - 001		<u>CREATED / REVISED BY:</u> ADERR	<u>CHECKED BY:</u> LSCHMIDT	<u>APPROVED BY:</u> FSMITH

GROUP:		A-6373-NAF102-*				
PIN NUMBER:		2766-39(102)				
PIN LENGTH: L		.500 / (12.70)				
MATING : M		.260 / (6.60)				
PC TAIL: P		.115 / (2.92)				
PACKAGING:		PK-6373-001				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-23-2020	A-6373-02AF102				
3	22-23-2030	A-6373-03AF102				
4	22-23-2040	A-6373-04AF102				
5	22-23-2050	A-6373-05AF102				
6	22-23-2060	A-6373-06AF102				
7	22-23-2070	A-6373-07AF102				
8	22-23-2080	A-6373-08AF102				
9	22-23-2090	A-6373-09AF102				
10	22-23-2100	A-6373-10AF102				
11	22-23-2110	A-6373-11AF102				
12	22-23-2120	A-6373-12AF102				
13	22-23-2130	A-6373-13AF102				
14	22-23-2140	A-6373-14AF102				
15	22-23-2150	A-6373-15AF102				
16	22-23-2160	A-6373-16AF102				
17	22-23-2170	A-6373-17AF102				
18	22-23-2180	A-6373-18AF102				
19	22-23-2190	A-6373-19AF102				
20	22-23-2200	A-6373-20AF102				
21	22-23-2210	A-6373-21AF102				
22	22-23-2220	A-6373-22AF102				
23	22-23-2230	A-6373-23AF102				
24	22-23-2240	A-6373-24AF102				
25	22-23-2250	A-6373-25AF102				
26	22-23-2260	A-6373-26AF102				
27	22-23-2270	A-6373-27AF102				
28	22-23-2280	A-6373-28AF102				

GROUP:		A-6373-NAG102-*				
PIN NUMBER:		2766-39(102)				
PIN LENGTH: L		.500 / (12.70)				
MATING: M		.301 / (7.65)				
PC TAIL: P		.074 / (1.88)				
PACKAGING:		PK-6373-001				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-23-2022	A-6373-02AG102				
3	22-23-2032	A-6373-03AG102				
4	22-23-2042	A-6373-04AG102				
5	22-23-2052	A-6373-05AG102				
6	22-23-2062	A-6373-06AG102				
7	22-23-2072	A-6373-07AG102				
8	22-23-2082	A-6373-08AG102				
9	22-23-2092	A-6373-09AG102				
10	22-23-2102	A-6373-10AG102				
11	22-23-2112	A-6373-11AG102				
12	22-23-2122	A-6373-12AG102				
13	22-23-2132	A-6373-13AG102				
14	22-23-2142	A-6373-14AG102				
15	22-23-2152	A-6373-15AG102				
16	22-23-2162	A-6373-16AG102				
17	22-23-2172	A-6373-17AG102				
18	22-23-2182	A-6373-18AG102				
19	22-23-2192	A-6373-19AG102				
20	22-23-2202	A-6373-20AG102				
21	22-23-2212	A-6373-21AG102				
22	22-23-2222	A-6373-22AG102				
23	22-23-2232	A-6373-23AG102				
24	22-23-2242	A-6373-24AG102				
25	22-23-2252	A-6373-25AG102				
26	22-23-2262	A-6373-26AG102				
27	22-23-2272	A-6373-27AG102				
28	22-23-2282	A-6373-28AG102				

REV: BA9	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY			<u>SHEET No.</u> - 10 -		
	<u>EC No.:</u> UCP2007-1744							
	<u>DATE:</u> 1/24/2007							
<u>DOCUMENT NUMBER:</u> SD - 6373 - 001			<u>CREATED / REVISED BY:</u> ADERR		<u>CHECKED BY:</u> LSCHMIDT		<u>APPROVED BY:</u> FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC								

GROUP:		A-6373-NAN102-*				
PIN NUMBER:		2766-28(102)				
PIN LENGTH: L		.625 / (15.88)				
MATING: M		.295 / (7.49)				
PC TAIL: P		.205 / (5.21)				
PACKAGING:		PK-6373-001				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2			9	50-34-8527	A-6373-09AN102-7	7
3						
4	50-36-1696	A-6373-04AN102				
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REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
BA9	EC No.: UCP2007-1744	KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY	- 15 -
	DATE: 1/24/2007		
	DOCUMENT NUMBER: SD - 6373 - 001		

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC