

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022232021](#)
Status: **Active**
Description: 2.54mm (.100") Pitch KK® Solid Header, Vertical, with Friction Lock, 2 Circuits, Tin (Sn) Plating

Documents:
[3D Model](#) [Product Specification PS-10-07 \(PDF\)](#)
[Drawing \(PDF\)](#) [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) 2
Circuits (maximum) 2
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

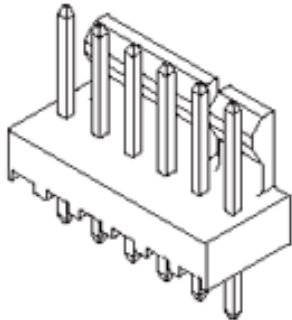


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

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

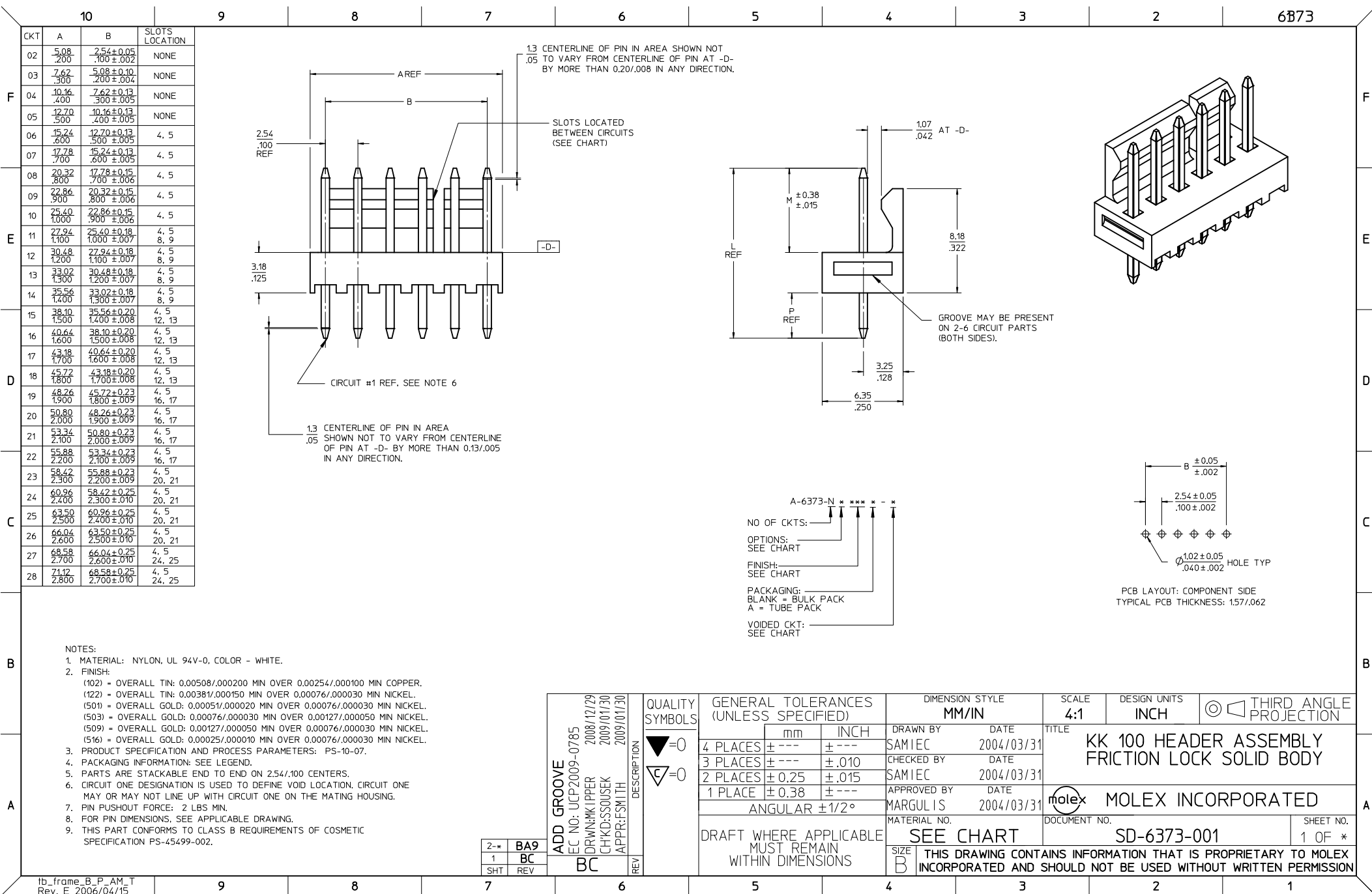
Old Part Number	A-6373-02A102
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Reference - Drawing Numbers

Packaging Specification	PK-6373-001, PK-89990-458
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-NC102-*				
PIN NUMBER:		2766-43(102)				
PIN LENGTH: L		.530 / (13.46)				
MATING: M		.260 / (6.60)				
PC TAIL: P		.145 / (3.68)				
PACKAGING:		PK-6373-001 BULK				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-23-2023	A-6373-02C102				
3	22-23-2033	A-6373-03C102				
4	22-23-2043	A-6373-04C102				
5	22-23-2053	A-6373-05C102				
6	22-23-2063	A-6373-06C102				
7	22-23-2073	A-6373-07C102				
8	22-23-2083	A-6373-08C102				
9	22-23-2093	A-6373-09C102				
10	22-23-2103	A-6373-10C102				
11	22-23-2113	A-6373-11C102				
12	22-23-2123	A-6373-12C102				
13	22-23-2133	A-6373-13C102				
14	22-23-2143	A-6373-14C102				
15	22-23-2153	A-6373-15C102				
16	22-23-2163	A-6373-16C102				
17	22-23-2173	A-6373-17C102				
18	22-23-2183	A-6373-18C102				
19	22-23-2193	A-6373-19C102				
20	22-23-2203	A-6373-20C102				
21	22-23-2213	A-6373-21C102				
22	22-23-2223	A-6373-22C102				
23	22-23-2233	A-6373-23C102				
24	22-23-2243	A-6373-24C102				
25	22-23-2253	A-6373-25C102				
26	22-23-2263	A-6373-26C102				
27	22-23-2273	A-6373-27C102				
28	22-23-2283	A-6373-28C102				

GROUP:		A-6373-NV503-*				
PIN NUMBER:		2766-43(503)				
PIN LENGTH: L		.530 / (13.46)				
MATING: M		.295 / (7.49)				
PC TAIL: P		.110 / (2.79)				
PACKAGING:		PK-6373-001				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-15-3029	A-6373-02V503				
3	22-15-3039	A-6373-03V503				
4	22-15-3049	A-6373-04V503				
5	22-15-3059	A-6373-05V503				
6	22-15-3069	A-6373-06V503				
7	22-15-3079	A-6373-07V503				
8	22-15-3089	A-6373-08V503				
9	22-15-3099	A-6373-09V503				
10	22-15-3109	A-6373-10V503				
11	22-15-3119	A-6373-11V503				
12	22-15-3129	A-6373-12V503				
13	22-15-3139	A-6373-13V503				
14	22-15-3149	A-6373-14V503				
15	22-15-3159	A-6373-15V503				
16	22-15-3169	A-6373-16V503				
17	22-15-3179	A-6373-17V503				
18	22-15-3189	A-6373-18V503				
19	22-15-3199	A-6373-19V503				
20	22-15-3209	A-6373-20V503				
21	22-15-3219	A-6373-21V503				
22	22-15-3229	A-6373-22V503				
23	22-15-3239	A-6373-23V503				
24	22-15-3249	A-6373-24V503				
25	22-15-3259	A-6373-25V503				
26	22-15-3269	A-6373-26V503				
27	22-15-3279	A-6373-27V503				
28	22-15-3289	A-6373-28V503				

REV: BA9	ECR/ECN INFORMATION:		TITLE: KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY			SHEET No.		
	EC No.: UCP2007-1744					- 3 -		
	DATE: 1/24/2007							
DOCUMENT NUMBER: SD - 6373 - 001			CREATED / REVISED BY: ADERR		CHECKED BY: LSCHMIDT		APPROVED BY: FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC								

GROUP:		A-6373-NAD102-*				
PIN NUMBER:		4166-1(102)				
PIN LENGTH: L		.560 / (14.22)				
MATING: M		.295 / (7.49)				
PC TAIL: P		.140 / (3.56)				
PACKAGING:		PK-6373-001 BULK				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-23-2028	A-6373-02AD102				
3	22-23-2038	A-6373-03AD102				
4	22-23-2048	A-6373-04AD102				
5	22-23-2058	A-6373-05AD102				
6	22-23-2068	A-6373-06AD102				
7	22-23-2078	A-6373-07AD102				
8	22-23-2088	A-6373-08AD102				
9	22-23-2098	A-6373-09AD102				
10	22-23-2108	A-6373-10AD102				
11	22-23-2118	A-6373-11AD102				
12	22-23-2128	A-6373-12AD102				
13	22-23-2138	A-6373-13AD102				
14	22-23-2148	A-6373-14AD102				
15	22-23-2158	A-6373-15AD102				
16	22-23-2168	A-6373-16AD102				
17	22-23-2178	A-6373-17AD102				
18	22-23-2188	A-6373-18AD102				
19	22-23-2198	A-6373-19AD102				
20	22-23-2208	A-6373-20AD102				
21	22-23-2218	A-6373-21AD102				
22	22-23-2228	A-6373-22AD102				
23	22-23-2238	A-6373-23AD102				
24	22-23-2248	A-6373-24AD102				
25	22-23-2258	A-6373-25AD102				
26	22-23-2268	A-6373-26AD102				
27	22-23-2278	A-6373-27AD102				
28	22-23-2288	A-6373-28AD102				

GROUP:						
PIN NUMBER:						
PIN LENGTH: L						
MATING: M						
PC TAIL: P						
PACKAGING:						
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
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REV: BA9	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY		<u>SHEET No.</u> - 8 -
	<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-NAH102-*				
PIN NUMBER:		2766-1(102)				
PIN LENGTH: L		.560 / (14.22)				
MATING: M		.260 / (6.60)				
PC TAIL: P		.175 / (4.45)				
PACKAGING:		PK-6373-001				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-23-3020	A-6373-02AH102				
3	22-23-3030	A-6373-03AH102				
4	22-23-3040	A-6373-04AH102				
5	22-23-3050	A-6373-05AH102				
6	22-23-3060	A-6373-06AH102				
7	22-23-3070	A-6373-07AH102				
8	22-23-3080	A-6373-08AH102				
9	22-23-3090	A-6373-09AH102				
10	22-23-3100	A-6373-10AH102				
11	22-23-3110	A-6373-11AH102				
12	22-23-3120	A-6373-12AH102				
13	22-23-3130	A-6373-13AH102				
14	22-23-3140	A-6373-14AH102				
15	22-23-3150	A-6373-15AH102				
16	22-23-3160	A-6373-16AH102				
17	22-23-3170	A-6373-17AH102				
18	22-23-3180	A-6373-18AH102				
19	22-23-3190	A-6373-19AH102				
20	22-23-3200	A-6373-20AH102				
21	22-23-3210	A-6373-21AH102				
22	22-23-3220	A-6373-22AH102				
23	22-23-3230	A-6373-23AH102				
24	22-23-3240	A-6373-24AH102				
25	22-23-3250	A-6373-25AH102				
26	22-23-3260	A-6373-26AH102				
27	22-23-3270	A-6373-27AH102				
28	22-23-3280	A-6373-28AH102				

GROUP:		A-6373-NAJ122-*				
PIN NUMBER:		2766-52(122)				
PIN LENGTH: L		.575 / (14.61)				
MATING: M		.295 / (7.49)				
PC TAIL: P		.155 / (3.94)				
PACKAGING:		PK-6373-001				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	22-23-3023	A-6373-02AJ122	05	22-04-6052	A-6373-05AJ122-1	1
3	22-23-3033	A-6373-03AJ122	06	22-04-6062	A-6373-06AJ122-2	2
4	22-23-3043	A-6373-04AJ122				
5	22-23-3053	A-6373-05AJ122				
6	22-23-3063	A-6373-06AJ122				
7		A-6373-07AJ122				
8	22-23-3083	A-6373-08AJ122				
9	22-23-3093	A-6373-09AJ122				
10	22-23-3103	A-6373-10AJ122				
11		A-6373-11AJ122				
12		A-6373-12AJ122				
13		A-6373-13AJ122				
14		A-6373-14AJ122				
15	22-23-3153	A-6373-15AJ122				
16	22-23-3163	A-6373-16AJ122				
17		A-6373-17AJ122				
18		A-6373-18AJ122				
19		A-6373-19AJ122				
20	22-23-3203	A-6373-20AJ122				
21		A-6373-21AJ122				
22		A-6373-22AJ122				
23		A-6373-23AJ122				
24		A-6373-24AJ122				
25		A-6373-25AJ122				
26		A-6373-26AJ122				
27		A-6373-27AJ122				
28		A-6373-28AJ122				

REV: BA9	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY	<u>SHEET No.</u> - 11 -
	<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-NAN501-*				
PIN NUMBER:		2766-28(501)				
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		A-6373-02AN501				
3		A-6373-03AN501				
4	22-23-6047	A-6373-04AN501				
5		A-6373-05AN501				
6		A-6373-06AN501				
7		A-6373-07AN501				
8		A-6373-08AN501				
9		A-6373-09AN501				
10		A-6373-10AN501				
11		A-6373-11AN501				
12		A-6373-12AN501				
13		A-6373-13AN501				
14		A-6373-14AN501				
15		A-6373-15AN501				
16		A-6373-16AN501				
17		A-6373-17AN501				
18		A-6373-18AN501				
19		A-6373-19AN501				
20		A-6373-20AN501				
21		A-6373-21AN501				
22		A-6373-22AN501				
23		A-6373-23AN501				
24		A-6373-24AN501				
25		A-6373-25AN501				
26		A-6373-26AN501				
27		A-6373-27AN501				
28		A-6373-28AN501				

GROUP:		A-6373-NAB501-*				
PIN NUMBER:		2766-54(501)				
PIN LENGTH: L		.703 / (17.86)				
MATING: M		.289 / (7.34)				
PC TAIL: P		.289 / (7.34)				
PACKAGING:		PK-6373-001				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	VOID CKT
2	50-29-1746	A-6373-02AB501				
3		A-6373-03AB501				
4		A-6373-04AB501				
5		A-6373-05AB501				
6		A-6373-06AB501				
7		A-6373-07AB501				
8	50-29-1741	A-6373-08AB501				
9		A-6373-09AB501				
10	50-29-1742	A-6373-10AB501				
11		A-6373-11AB501				
12		A-6373-12AB501				
13		A-6373-13AB501				
14		A-6373-14AB501				
15		A-6373-15AB501				
16		A-6373-16AB501				
17		A-6373-17AB501				
18		A-6373-18AB501				
19		A-6373-19AB501				
20		A-6373-20AB501				
21		A-6373-21AB501				
22		A-6373-22AB501				
23		A-6373-23AB501				
24		A-6373-24AB501				
25		A-6373-25AB501				
26		A-6373-26AB501				
27		A-6373-27AB501				
28		A-6373-28AB501				

REV: BA9	ECR/ECN INFORMATION:		TITLE: KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY			SHEET No.		
	EC No.: UCP2007-1744					- 14 -		
	DATE: 1/24/2007							
DOCUMENT NUMBER: SD - 6373 - 001			CREATED / REVISED BY: ADERR		CHECKED BY: LSCHMIDT		APPROVED BY: FSMITH	
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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				
5						
6						
7						
8						
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28						

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