

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

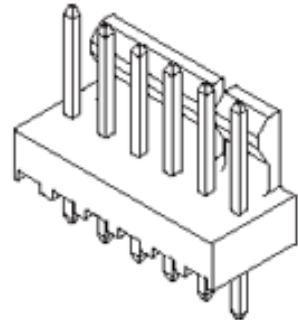
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural (White)
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	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
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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-6373-02A102
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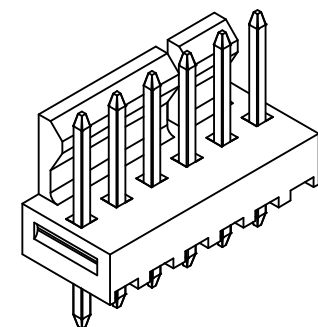
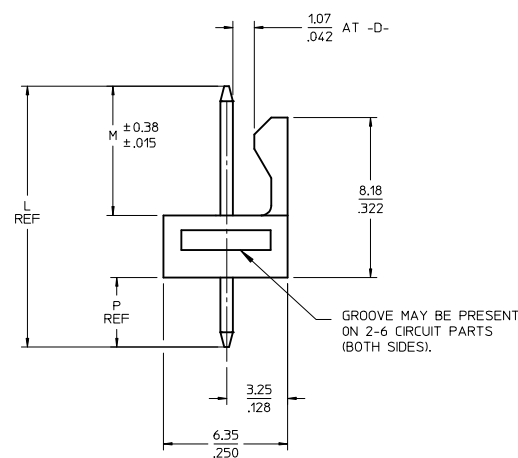
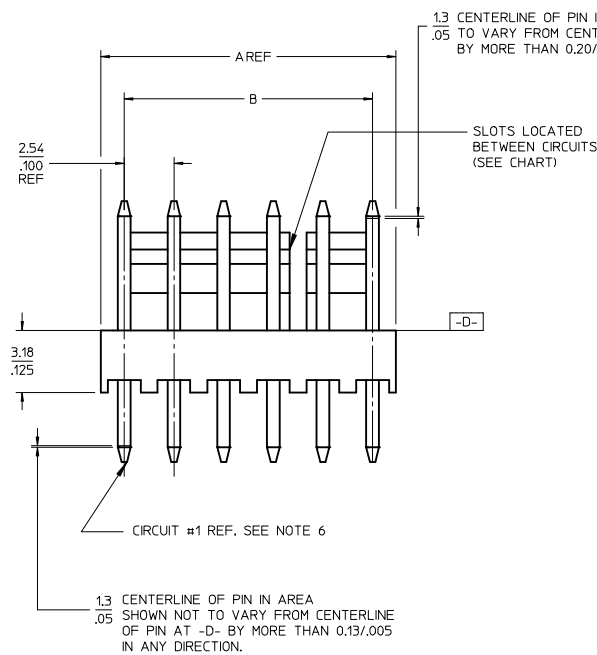
Reference - Drawing Numbers

Packaging Specification	PK-6373-001, PK-89990-458
Product Specification	PS-10-07
Sales Drawing	SD-6373-001

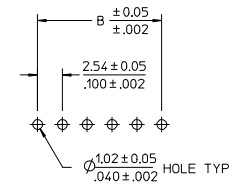
This document was generated on 05/11/2010

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	10	9	8	7	6	5	4	3	2	6873
CKT	A	B	SLOTS LOCATION							
02	5.08 .200	2.54±0.05 .100 ±.002	NONE							
03	7.62 .300	5.08±0.10 .200 ±.004	NONE							
04	10.16 .400	7.62±0.13 .300 ±.005	NONE							
05	12.70 .500	10.16±0.13 .400 ±.005	NONE							
06	15.24 .600	12.70±0.13 .500 ±.005	4, 5							
07	17.78 .700	15.24±0.13 .600 ±.005	4, 5							
08	20.32 .800	17.78±0.15 .700 ±.006	4, 5							
09	22.86 .900	20.32±0.15 .800 ±.006	4, 5							
10	25.40 1.000	22.86±0.15 .900 ±.006	4, 5							
11	27.94 1.100	25.40±0.18 1.000 ±.007	4, 5 8, 9							
12	30.48 1.200	27.94±0.18 1.100 ±.007	4, 5 8, 9							
13	33.02 1.300	30.48±0.18 1.200 ±.007	4, 5 8, 9							
14	35.56 1.400	33.02±0.18 1.300 ±.007	4, 5 8, 9							
15	38.10 1.500	35.56±0.20 1.400 ±.008	4, 5 12, 13							
16	40.64 1.600	38.10±0.20 1.500 ±.008	4, 5 12, 13							
17	43.18 1.700	40.64±0.20 1.600 ±.008	4, 5 12, 13							
18	45.72 1.800	43.18±0.20 1.700 ±.008	4, 5 12, 13							
19	48.26 1.900	45.72±0.23 1.800 ±.009	4, 5 16, 17							
20	50.80 2.000	48.26±0.23 1.900 ±.009	4, 5 16, 17							
21	53.34 2.100	50.80±0.23 2.000 ±.009	4, 5 16, 17							
22	55.88 2.200	53.34±0.23 2.100 ±.009	4, 5 16, 17							
23	58.42 2.300	55.88±0.23 2.200 ±.009	4, 5 20, 21							
24	60.96 2.400	58.42±0.25 2.300 ±.010	4, 5 20, 21							
25	63.50 2.500	60.96±0.25 2.400 ±.010	4, 5 20, 21							
26	66.04 2.600	63.50±0.25 2.500 ±.010	4, 5 20, 21							
27	68.58 2.700	66.04±0.25 2.600 ±.010	4, 5 24, 25							
28	71.12 2.800	68.58±0.25 2.700 ±.010	4, 5 24, 25							



A-6373-N * * * * - *
NO OF CKTS: *
OPTIONS: *
SEE CHART *
FINISH: *
SEE CHART *
PACKAGING: *
BLANK = BULK PACK *
A = TUBE PACK *
VOIDED CKT: *
SEE CHART *



PCB LAYOUT: COMPONENT SIDE
TYPICAL PCB THICKNESS: 1.57/.062

NOTES:
1. MATERIAL: NYLON, UL 94V-0, COLOR - WHITE.
2. FINISH:
(102) = OVERALL TIN: 0.00508/.000200 MIN OVER 0.00254/.000100 MIN COPPER.
(122) = OVERALL TIN: 0.00381/.000150 MIN OVER 0.00076/.000030 MIN NICKEL.
(501) = OVERALL GOLD: 0.00051/.000020 MIN OVER 0.00076/.000030 MIN NICKEL.
(503) = OVERALL GOLD: 0.00076/.000030 MIN OVER 0.00127/.000050 MIN NICKEL.
(509) = OVERALL GOLD: 0.00127/.000050 MIN OVER 0.00076/.000030 MIN NICKEL.
(516) = OVERALL GOLD: 0.00025/.000010 MIN OVER 0.00076/.000030 MIN NICKEL.
3. PRODUCT SPECIFICATION AND PROCESS PARAMETERS: PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PARTS ARE STACKABLE END TO END ON 2.54/.100 CENTERS.
6. CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION, CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
7. PIN PUSHOUT FORCE: 2 LBS MIN.
8. FOR PIN DIMENSIONS, SEE APPLICABLE DRAWING.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

2-*	BA9
1	BC
SHT	REV

ADD GROOVE EC NO: UCP2009-0785 2008/12/29 DRAWN: KIPER CHKD: SSOUSEK 2009/01/30 APPR: F SMITH 2009/01/30	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mmINCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
			DRAWN BY DATE SAMIEC 2004/03/31		TITLE KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY		
			CHECKED BY DATE SAMIEC 2004/03/31				
			APPROVED BY DATE MARGULIS 2004/03/31				
			MATERIAL NO.				
BC	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B SEE CHART		SD-6373-001 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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

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	ECR/ECN INFORMATION:	TITLE: KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY	SHEET No. - 8 -	
	EC No.: UCP2007-1744			
	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-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	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u> KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY		<u>SHEET No.</u> - 14 -
	<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		
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О компании

ООО "ТрейдЭлектроникс" - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Наличие собственной эффективной системы логистики обеспечивает надежную поставку продукции по конкурентным ценам в точно указанные сроки.

Срок поставки со стоков в **Европе и Америке – от 3 до 14 дней.**

Срок поставки из **Азии – от 10 дней.**

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Предоставляем спец цены на элементы для создания инженерных сэмплов.

Упорный труд, качественный результат дают нам право быть уверенными в себе и надежными для наших клиентов.

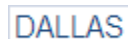
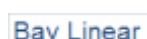
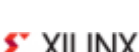
Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование

Наша организация особенно сильна в поставках модулей, микросхем, пассивных компонентов, ксайленсах (XC), EPF, EPM и силовой электроники.

Большой выбор предлагаемой продукции, различные виды оплаты и доставки, позволят Вам сэкономить время и получить максимум выгоды от сотрудничества с нами!

Перечень производителей, продукцию которых мы поставляем на российский рынок





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гарантия бесперебойности производства и
качества выпускаемой продукции

С удовольствием будем прорабатывать для Вас поставки всех необходимых компонентов по текущим запросам для скорейшего выявления групп элементов, по которым сотрудничество именно с нашей компанией будет для Вас максимально выгодным!

С уважением,

Менеджер отдела продаж ООО

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