

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0022232121](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch KK® Solid Header, Vertical, with Friction Lock, 12 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         | <a href="#">6373</a> |
| Application    | Wire-to-Board        |
| Product Name   | KK®                  |

**Physical**

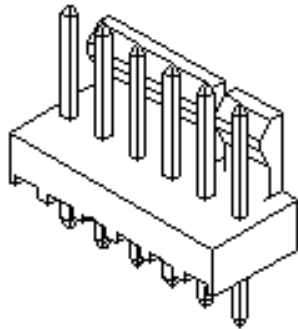
|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 12              |
| Circuits (maximum)             | 12              |
| Color - Resin                  | Natural (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 |
|------------------------------------------------|---|



*Series  
image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free  
Status**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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-6373-12A102 |
|-----------------|---------------|

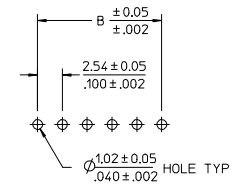
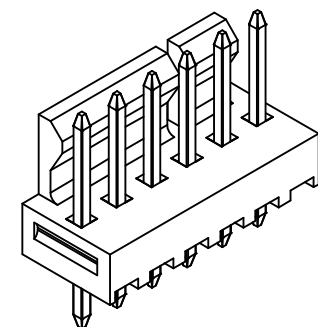
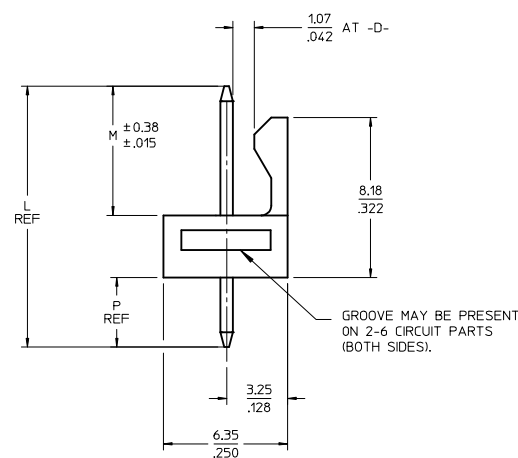
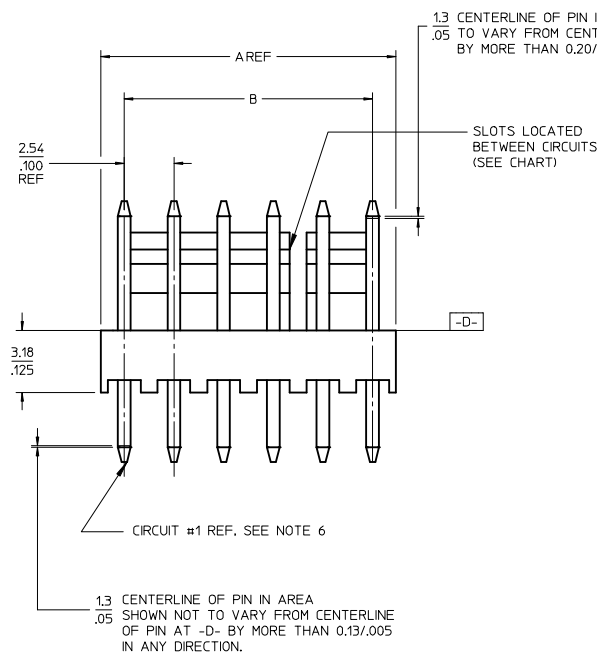
**Reference - Drawing Numbers**

|                       |             |
|-----------------------|-------------|
| Product Specification | PS-10-07    |
| Sales Drawing         | SD-6373-001 |

This document was generated on 04/12/2010

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

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



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

- NOTES:
- MATERIAL: NYLON, UL 94V-0, COLOR - WHITE.
  - 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.
  - PRODUCT SPECIFICATION AND PROCESS PARAMETERS: PS-10-07.
  - PACKAGING INFORMATION: SEE LEGEND.
  - PARTS ARE STACKABLE END TO END ON 2.54/.100 CENTERS.
  - CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION, CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
  - PIN PUSHOUT FORCE: 2 LBS MIN.
  - FOR PIN DIMENSIONS, SEE APPLICABLE DRAWING.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

|     |     |
|-----|-----|
| 2-* | BA9 |
| 1   | BC  |
| SHT | REV |

|                                                                                                                       |                               |                                                                                                                                                                       |                                                                                                                                                   |              |                                                                                                                               |                        |                                                             |                          |                             |                     |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------|--------------------------|-----------------------------|---------------------|
| ADD GROOVE<br>EC NO: UCP2009-0785<br>DRAWN: KIPPER 2008/12/29<br>CHKD: SSOUSEK 2009/01/30<br>APPR: F SMITH 2009/01/30 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .015<br>1 PLACE ± 0.38 ± ---<br>ANGULAR ± 1/2° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>SAMIEC 2004/03/31<br>CHECKED BY DATE<br>SAMIEC 2004/03/31<br>APPROVED BY DATE<br>MARGULIS 2004/03/31 | SCALE<br>4:1 | DESIGN UNITS<br>INCH                                                                                                          | THIRD ANGLE PROJECTION | TITLE<br>KK 100 HEADER ASSEMBLY<br>FRICTION LOCK SOLID BODY | MOLEX MOLEX INCORPORATED | DOCUMENT NO.<br>SD-6373-001 | SHEET NO.<br>1 OF * |
|                                                                                                                       |                               |                                                                                                                                                                       |                                                                                                                                                   |              |                                                                                                                               |                        |                                                             |                          |                             |                     |
|                                                                                                                       |                               |                                                                                                                                                                       |                                                                                                                                                   |              |                                                                                                                               |                        |                                                             |                          |                             |                     |
|                                                                                                                       |                               |                                                                                                                                                                       |                                                                                                                                                   |              |                                                                                                                               |                        |                                                             |                          |                             |                     |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                            |                               |                                                                                                                                                                       | MATERIAL NO.<br>SEE CHART                                                                                                                         |              | 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<br>NUMBER | ENG<br>NUMBER    | CKT | MATERIAL<br>NUMBER | ENG<br>NUMBER    | VOID<br>CKT          | CKT | MATERIAL<br>NUMBER | ENG<br>NUMBER    | VOID<br>CKT           | CKT | MATERIAL<br>NUMBER | ENG<br>NUMBER    | VOID<br>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,<br>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,<br>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,<br>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:<br><b>BA9</b>                         | ECR/ECN INFORMATION:        | TITLE:<br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | SHEET No.<br><b>- 2 -</b>      |
|                                            | EC No.: <b>UCP2007-1744</b> |                                                                      |                                |
|                                            | DATE: <b>1/24/2007</b>      |                                                                      |                                |
| DOCUMENT NUMBER:<br><b>SD - 6373 - 001</b> |                             | CREATED / REVISED BY:<br><b>ADERR</b>                                | CHECKED BY:<br><b>LSCHMIDT</b> |
|                                            |                             | APPROVED BY:<br><b>FSMITH</b>                                        |                                |

|               |                 |                  |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| 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:<br><br>BA9                                  | ECR/ECN INFORMATION: |  | TITLE:<br><br>KK 100 HEADER ASSEMBLY<br>FRICTION LOCK SOLID BODY |  |                         | SHEET No. |                        |  |
|                                                  | EC No.: UCP2007-1744 |  |                                                                  |  |                         | - 3 -     |                        |  |
|                                                  | DATE: 1/24/2007      |  |                                                                  |  |                         |           |                        |  |
| DOCUMENT NUMBER:<br>SD - 6373 - 001              |                      |  | CREATED / REVISED BY:<br>ADERR                                   |  | CHECKED BY:<br>LSCHMIDT |           | APPROVED BY:<br>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<br>NUMBER | ENG<br>NUMBER   | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>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<br>NUMBER | ENG<br>NUMBER   | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>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:<br><br>BA9                                  | ECR/ECN INFORMATION: |                                | TITLE:<br><br>KK 100 HEADER ASSEMBLY<br>FRICTION LOCK SOLID BODY | SHEET No.<br><br>- 14 - |
|                                                  | EC No.: UCP2007-1744 |                                |                                                                  |                         |
|                                                  | DATE: 1/24/2007      |                                |                                                                  |                         |
| DOCUMENT NUMBER:<br>SD - 6373 - 001              |                      | CREATED / REVISED BY:<br>ADERR | CHECKED BY:<br>LSCHMIDT                                          | APPROVED BY:<br>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<br>NUMBER | ENG<br>NUMBER   | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER    | VOID<br>CKT |
| 2             |                    |                 | 9    | 50-34-8527         | A-6373-09AN102-7 | 7           |
| 3             |                    |                 |      |                    |                  |             |
| 4             | 50-36-1696         | A-6373-04AN102  |      |                    |                  |             |
| 5             |                    |                 |      |                    |                  |             |
| 6             |                    |                 |      |                    |                  |             |
| 7             |                    |                 |      |                    |                  |             |
| 8             |                    |                 |      |                    |                  |             |
| 9             |                    |                 |      |                    |                  |             |
| 10            |                    |                 |      |                    |                  |             |
| 11            |                    |                 |      |                    |                  |             |
| 12            |                    |                 |      |                    |                  |             |
| 13            |                    |                 |      |                    |                  |             |
| 14            |                    |                 |      |                    |                  |             |
| 15            |                    |                 |      |                    |                  |             |
| 16            |                    |                 |      |                    |                  |             |
| 17            |                    |                 |      |                    |                  |             |
| 18            |                    |                 |      |                    |                  |             |
| 19            |                    |                 |      |                    |                  |             |
| 20            |                    |                 |      |                    |                  |             |
| 21            |                    |                 |      |                    |                  |             |
| 22            |                    |                 |      |                    |                  |             |
| 23            |                    |                 |      |                    |                  |             |
| 24            |                    |                 |      |                    |                  |             |
| 25            |                    |                 |      |                    |                  |             |
| 26            |                    |                 |      |                    |                  |             |
| 27            |                    |                 |      |                    |                  |             |
| 28            |                    |                 |      |                    |                  |             |

|      |                                     |                                                    |           |
|------|-------------------------------------|----------------------------------------------------|-----------|
| REV: | ECR/ECN INFORMATION:                | TITLE:                                             | SHEET No. |
| BA9  | EC No.: UCP2007-1744                | KK 100 HEADER ASSEMBLY<br>FRICTION LOCK SOLID BODY | - 15 -    |
|      | DATE: 1/24/2007                     |                                                    |           |
|      | DOCUMENT NUMBER:<br>SD - 6373 - 001 |                                                    |           |

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC