

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022269092

Status:

Active

Overview:

kk

Description:

2.54mm (.100") KK® IDT Double Cantilever Contact, 9 Circuits, Tin (Sn), Feed-To, 24 Stranded, Solid, Fused, Topcoat, and 26 Fused and Topcoat, Green ID Strip

Documents:

3D Model

Drawing (PDF)

Product Specification PS-7720-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Comments

Crimp Quality Equipment

Overview

Product Name

IDT and Solder Connectors

7720

Double Cantilever contact

Yes

kk

KK®

Physical

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Flammability

Gender

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Temperature Range - Operating

Termination Interface: Style

Wire Size AWG

9

Natural

5

94V-2

Female

No

Yes

Phosphor Bronze

Tin

Tin

Nylon

1

Bag

No

0.100 In

2.54 mm

Yes

0°C to +75°C

IDT or Pierce

24 Solid, 24 Stranded, 24 Stranded Topcoat, 26 Stranded Topcoat

Electrical

Current - Maximum per Contact

Voltage - Maximum

4A

250V

Material Info

Old Part Number

A-7720-C09HP909B

Reference - Drawing Numbers

Packaging Specification

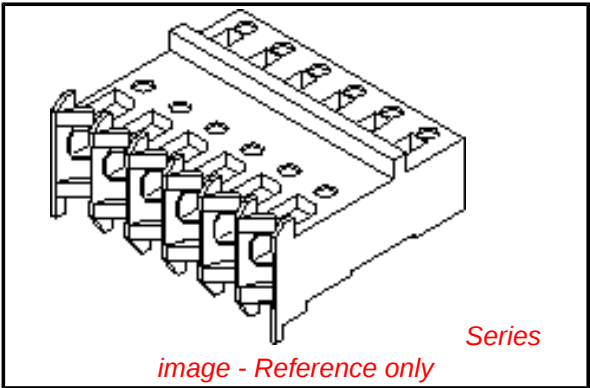
Product Specification

Sales Drawing

PK-7720-001

PS-7720-001

SD-7720-001



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](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

7720Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description          | Product #  |
|----------------------|------------|
| Insertion Tool for   | 0638133504 |
| 2.54mm (.100") Pitch |            |
| KK® IDT Crimp        |            |
| Terminals            |            |
| IDT - Manual Press   | 0011200179 |
| IDT - Semi-automatic | 0011200412 |
| - Bench-Top          |            |
| Terminator           |            |
| IDT - Semi-automatic | 0011200771 |
| - Bench-Top          |            |
| Terminator           |            |

IDT - Semi-automatic0623000100  
- Bench-Top  
Terminator  
Changehead for 0690080225  
7720 and 7720s  
Connector Range,  
Colour Bar In, Feed-  
To Only  
Arbor Press Fixture 0690200320  
for 7720 and  
7720s Insulation  
Displacement  
Housings, 2-28  
Circuit, 24-28 AWG  
Wire/ Ribbon Cable

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D

C

B

A

D

C

B

A



|                                                                                           |                                                       |                                                                                                                               |                                                            |       |       |                             |                    |                           |                      |                                                          |                                        |  |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------|-------|-----------------------------|--------------------|---------------------------|----------------------|----------------------------------------------------------|----------------------------------------|--|
| FACTORY I.D.<br>EC NO: UCP2009-2029<br>DRWN:MK IPER<br>CHKD:SSOUSEK<br>APPR:FSMITH<br>A27 | DESCRIPTION<br>2009/02/25<br>2009/02/25<br>2009/02/26 | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div>                                                                              | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       |       | DIMENSION STYLE<br>MM/IN    |                    | SCALE<br>---              | DESIGN UNITS<br>INCH | <div><div></div><div></div></div> THIRD ANGLE PROJECTION | TITLE<br>KK 100 IDT CONNECTOR ASSEMBLY |  |
|                                                                                           |                                                       |                                                                                                                               |                                                            | mm    | INCH  | DRAWN BY<br>SAMIEC          | DATE<br>2004/04/13 | MATERIAL NO.<br>SEE CHART |                      |                                                          |                                        |  |
|                                                                                           |                                                       |                                                                                                                               | 4 PLACES                                                   | ± --- | ± --- | CHECKED BY<br>SAMIEC        | DATE<br>2004/04/13 |                           |                      |                                                          |                                        |  |
|                                                                                           |                                                       |                                                                                                                               | 3 PLACES                                                   | ± --- | ± --- | APPROVED BY<br>MARGULIS     | DATE<br>2004/04/13 |                           |                      |                                                          |                                        |  |
|                                                                                           |                                                       |                                                                                                                               | 2 PLACES                                                   | ± --- | ± --- | DOCUMENT NO.<br>SD-7720-001 |                    |                           | SHEET NO.<br>2 OF *  |                                                          |                                        |  |
|                                                                                           |                                                       |                                                                                                                               | 1 PLACE                                                    | ± --- | ± --- |                             |                    |                           |                      |                                                          |                                        |  |
|                                                                                           |                                                       |                                                                                                                               | ANGULAR ±1/2°                                              |       |       |                             |                    |                           |                      |                                                          |                                        |  |
|                                                                                           |                                                       |                                                                                                                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |       |                             |                    |                           |                      |                                                          |                                        |  |
|                                                                                           | REV                                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                            |       |       |                             |                    |                           |                      |                                                          |                                        |  |

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| A-7720-ANA102 |                 | A-7720-BNA102 |                 | A-7720-CNA102 |                 | A-7720-DNA102 |                 | A-7720-ENA102 |                 | A-7720-FNA102 |                 |
| HOUSING       | 7720-AN         | HOUSING       | 7720-BN         | HOUSING       | 7720-CN         | HOUSING       | 7720-DN         | HOUSING       | 7720-EN         | HOUSING       | 7720-FN         |
| TERM. NO      | 7691-A102       | TERM. NO      | 7691-A102       | TERM. NO      | 7691-A102       | TERM. NO      | 7691-A102       | TERM. NO      | 7691-A102       | TERM. NO      | 7691-A102       |
| PLATING:      | 102             | PLATING:      | 102             | PLATING:      | 102             | PLATING:      | 102             | PLATING:      | 102             | PLATING:      | 102             |
| COLOR         | BROWN           | COLOR         | BROWN           | COLOR         | BROWN           | COLOR         | BROWN           | COLOR         | BROWN           | COLOR         | BROWN           |
|               |                 |               |                 |               |                 |               |                 |               |                 |               |                 |
| MATL NO       | ENG NO:         | MATL NO       | ENG NO:         | MATL NO       | ENG NO:         | MATL NO       | ENG NO:         | MATL NO       | ENG NO:         | MATL NO       | ENG NO:         |
| 22-26-7021    | A-7720-A02A102A | 22-26-8021    | A-7720-B02A102A | 22-26-9021    | A-7720-C02A102A | 22-41-3021    | A-7720-D02A102A | 22-41-4021    | A-7720-E02A102A | 22-41-5021    | A-7720-F02A102A |
| 22-26-7031    | A-7720-A03A102A | 22-26-8031    | A-7720-B03A102A | 22-26-9031    | A-7720-C03A102A | 22-41-3031    | A-7720-D03A102A | 22-41-4031    | A-7720-E03A102A | 22-41-5031    | A-7720-F03A102A |
| 22-26-7041    | A-7720-A04A102A | 22-26-8041    | A-7720-B04A102A | 22-26-9041    | A-7720-C04A102A | 22-41-3041    | A-7720-D04A102A | 22-41-4041    | A-7720-E04A102A | 22-41-5041    | A-7720-F04A102A |
| 22-26-7051    | A-7720-A05A102A | 22-26-8051    | A-7720-B05A102A | 22-26-9051    | A-7720-C05A102A | 22-41-3051    | A-7720-D05A102A | 22-41-4051    | A-7720-E05A102A | 22-41-5051    | A-7720-F05A102A |
| 22-26-7061    | A-7720-A06A102A | 22-26-8061    | A-7720-B06A102A | 22-26-9061    | A-7720-C06A102A | 22-41-3061    | A-7720-D06A102A | 22-41-4061    | A-7720-E06A102A | 22-41-5061    | A-7720-F06A102A |
| 22-26-7071    | A-7720-A07A102A | 22-26-8071    | A-7720-B07A102A | 22-26-9071    | A-7720-C07A102A | 22-41-3071    | A-7720-D07A102A | 22-41-4071    | A-7720-E07A102A | 22-41-5071    | A-7720-F07A102A |
| 22-26-7081    | A-7720-A08A102A | 22-26-8081    | A-7720-B08A102A | 22-26-9081    | A-7720-C08A102A | 22-41-3081    | A-7720-D08A102A | 22-41-4081    | A-7720-E08A102A | 22-41-5081    | A-7720-F08A102A |
| 22-26-7091    | A-7720-A09A102A | 22-26-8091    | A-7720-B09A102A | 22-26-9091    | A-7720-C09A102A | 22-41-3091    | A-7720-D09A102A | 22-41-4091    | A-7720-E09A102A | 22-41-5091    | A-7720-F09A102A |
| 22-26-7101    | A-7720-A10A102A | 22-26-8101    | A-7720-B10A102A | 22-26-9101    | A-7720-C10A102A | 22-41-3101    | A-7720-D10A102A | 22-41-4101    | A-7720-E10A102A | 22-41-5101    | A-7720-F10A102A |
| 22-26-7111    | A-7720-A11A102A | 22-26-8111    | A-7720-B11A102A | 22-26-9111    | A-7720-C11A102A | 22-41-3111    | A-7720-D11A102A | 22-41-4111    | A-7720-E11A102A | 22-41-5111    | A-7720-F11A102A |
| 22-26-7121    | A-7720-A12A102A | 22-26-8121    | A-7720-B12A102A | 22-26-9121    | A-7720-C12A102A | 22-41-3121    | A-7720-D12A102A | 22-41-4121    | A-7720-E12A102A | 22-41-5121    | A-7720-F12A102A |
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| 22-26-7141    | A-7720-A14A102A | 22-26-8141    | A-7720-B14A102A | 22-26-9141    | A-7720-C14A102A | 22-41-3141    | A-7720-D14A102A | 22-41-4141    | A-7720-E14A102A | 22-41-5141    | A-7720-F14A102A |
| 22-26-7151    | A-7720-A15A102A | 22-26-8151    | A-7720-B15A102A | 22-26-9151    | A-7720-C15A102A | 22-41-3151    | A-7720-D15A102A | 22-41-4151    | A-7720-E15A102A | 22-41-5151    | A-7720-F15A102A |
| 22-26-7161    | A-7720-A16A102A | 22-26-8161    | A-7720-B16A102A | 22-26-9161    | A-7720-C16A102A | 22-41-3161    | A-7720-D16A102A | 22-41-4161    | A-7720-E16A102A | 22-41-5161    | A-7720-F16A102A |
| 22-26-7171    | A-7720-A17A102A | 22-26-8171    | A-7720-B17A102A | 22-26-9171    | A-7720-C17A102A | 22-41-3171    | A-7720-D17A102A | 22-41-4171    | A-7720-E17A102A | 22-41-5171    | A-7720-F17A102A |
| 22-26-7181    | A-7720-A18A102A | 22-26-8181    | A-7720-B18A102A | 22-26-9181    | A-7720-C18A102A | 22-41-3181    | A-7720-D18A102A | 22-41-4181    | A-7720-E18A102A | 22-41-5181    | A-7720-F18A102A |
| 22-26-7191    | A-7720-A19A102A | 22-26-8191    | A-7720-B19A102A | 22-26-9191    | A-7720-C19A102A | 22-41-3191    | A-7720-D19A102A | 22-41-4191    | A-7720-E19A102A | 22-41-5191    | A-7720-F19A102A |
| 22-26-7201    | A-7720-A20A102A | 22-26-8201    | A-7720-B20A102A | 22-26-9201    | A-7720-C20A102A | 22-41-3201    | A-7720-D20A102A | 22-41-4201    | A-7720-E20A102A | 22-41-5201    | A-7720-F20A102A |
| 22-26-7211    | A-7720-A21A102A | 22-26-8211    | A-7720-B21A102A | 22-26-9211    | A-7720-C21A102A | 22-41-3211    | A-7720-D21A102A | 22-41-4211    | A-7720-E21A102A | 22-41-5211    | A-7720-F21A102A |
| 22-26-7221    | A-7720-A22A102A | 22-26-8221    | A-7720-B22A102A | 22-26-9221    | A-7720-C22A102A | 22-41-3221    | A-7720-D22A102A | 22-41-4221    | A-7720-E22A102A | 22-41-5221    | A-7720-F22A102A |
| 22-26-7231    | A-7720-A23A102A | 22-26-8231    | A-7720-B23A102A | 22-26-9231    | A-7720-C23A102A | 22-41-3231    | A-7720-D23A102A | 22-41-4231    | A-7720-E23A102A | 22-41-5231    | A-7720-F23A102A |
| 22-26-7241    | A-7720-A24A102A | 22-26-8241    | A-7720-B24A102A | 22-26-9241    | A-7720-C24A102A | 22-41-3241    | A-7720-D24A102A | 22-41-4241    | A-7720-E24A102A | 22-41-5241    | A-7720-F24A102A |
| 22-26-7251    | A-7720-A25A102A | 22-26-8251    | A-7720-B25A102A | 22-26-9251    | A-7720-C25A102A | 22-41-3251    | A-7720-D25A102A | 22-41-4251    | A-7720-E25A102A | 22-41-5251    | A-7720-F25A102A |
| 22-26-7261    | A-7720-A26A102A | 22-26-8261    | A-7720-B26A102A | 22-26-9261    | A-7720-C26A102A | 22-41-3261    | A-7720-D26A102A | 22-41-4261    | A-7720-E26A102A | 22-41-5261    | A-7720-F26A102A |
| 22-26-7271    | A-7720-A27A102A | 22-26-8271    | A-7720-B27A102A | 22-26-9271    | A-7720-C27A102A | 22-41-3271    | A-7720-D27A102A | 22-41-4271    | A-7720-E27A102A | 22-41-5271    | A-7720-F27A102A |
| 22-26-7281    | A-7720-A28A102A | 22-26-8281    | A-7720-B28A102A | 22-26-9281    | A-7720-C28A102A | 22-41-3281    | A-7720-D28A102A | 22-41-4281    | A-7720-E28A102A | 22-41-5281    | A-7720-F28A102A |
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| A-7720-ANHP909B |  |             |  |          |  |             |  |          |  |             |  |
|-----------------|--|-------------|--|----------|--|-------------|--|----------|--|-------------|--|
| HOUSING         |  | 7720-AN     |  | HOUSING  |  | 7720-BN     |  | HOUSING  |  | 7720-CN     |  |
| TERM. NO        |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  |
| PLATING:        |  | P909        |  | PLATING: |  | P909        |  | PLATING: |  | P909        |  |
| COLOR           |  | GREEN       |  | COLOR    |  | GREEN       |  | COLOR    |  | GREEN       |  |
| A-7720-BNHP909B |  |             |  |          |  |             |  |          |  |             |  |
| HOUSING         |  | 7720-BN     |  | HOUSING  |  | 7720-CN     |  | HOUSING  |  | 7720-DN     |  |
| TERM. NO        |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  |
| PLATING:        |  | P909        |  | PLATING: |  | P909        |  | PLATING: |  | P909        |  |
| COLOR           |  | GREEN       |  | COLOR    |  | GREEN       |  | COLOR    |  | GREEN       |  |
| A-7720-CNHP909B |  |             |  |          |  |             |  |          |  |             |  |
| HOUSING         |  | 7720-CN     |  | HOUSING  |  | 7720-DN     |  | HOUSING  |  | 7720-EN     |  |
| TERM. NO        |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  |
| PLATING:        |  | P909        |  | PLATING: |  | P909        |  | PLATING: |  | P909        |  |
| COLOR           |  | GREEN       |  | COLOR    |  | GREEN       |  | COLOR    |  | GREEN       |  |
| A-7720-DNHP909B |  |             |  |          |  |             |  |          |  |             |  |
| HOUSING         |  | 7720-DN     |  | HOUSING  |  | 7720-EN     |  | HOUSING  |  | 7720-FN     |  |
| TERM. NO        |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  |
| PLATING:        |  | P909        |  | PLATING: |  | P909        |  | PLATING: |  | P909        |  |
| COLOR           |  | GREEN       |  | COLOR    |  | GREEN       |  | COLOR    |  | GREEN       |  |
| A-7720-ENHP909B |  |             |  |          |  |             |  |          |  |             |  |
| HOUSING         |  | 7720-EN     |  | HOUSING  |  | 7720-FN     |  | HOUSING  |  | 7720-FN     |  |
| TERM. NO        |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  |
| PLATING:        |  | P909        |  | PLATING: |  | P909        |  | PLATING: |  | P909        |  |
| COLOR           |  | GREEN       |  | COLOR    |  | GREEN       |  | COLOR    |  | GREEN       |  |
| A-7720-FNHP909B |  |             |  |          |  |             |  |          |  |             |  |
| HOUSING         |  | 7720-FN     |  | HOUSING  |  | 7720-FN     |  | HOUSING  |  | 7720-FN     |  |
| TERM. NO        |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  | TERM. NO |  | 41138-HP909 |  |
| PLATING:        |  | P909        |  | PLATING: |  | P909        |  | PLATING: |  | P909        |  |
| COLOR           |  | GREEN       |  | COLOR    |  | GREEN       |  | COLOR    |  | GREEN       |  |

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| <u>REVISION:</u><br><br><b>BA</b>                 | <u>ECR/ECN INFORMATION:</u><br><u>EC No.:</u> UCP2009-2291<br><u>DATE:</u> 4/17/2009 | <u>TITLE:</u><br><br><b>KK 100 IDT CONNECTOR ASSEMBLY</b> |                                          | <u>SHEET No.</u><br><br><b>4</b>         |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD-7720-001</b> |                                                                                      | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>        | <u>CHECKED BY:</u><br><br><b>SSOUSEK</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC  |                                                                                      |                                                           |                                          |                                          |





| A-7720-ANA501A |                 |            |                 |            |                 |            |                 |            |                 |            |                 |
|----------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|
| HOUSING        | 7720-AN         | HOUSING    | 7720-BN         | HOUSING    | 7720-CN         | HOUSING    | 7720-DN         | HOUSING    | 7720-EN         | HOUSING    | 7720-FN         |
| TERM. NO       | 7691-A501       | TERM. NO   | 7691-A501       | TERM. NO   | 7691-A501       | TERM. NO   | 7691-A501       | TERM. NO   | 7691-A501       | TERM. NO   | 7691-A501       |
| PLATING:       | 501             | PLATING:   | 501             | PLATING:   | 501             | PLATING:   | 501             | PLATING:   | 501             | PLATING:   | 501             |
| COLOR          | BROWN           | COLOR      | BROWN           | COLOR      | BROWN           | COLOR      | BROWN           | COLOR      | BROWN           | COLOR      | BROWN           |
|                |                 |            |                 |            |                 |            |                 |            |                 |            |                 |
| MATL NO        | ENG NO:         | MATL NO    | ENG NO:         | MATL NO    | ENG NO:         | MATL NO    | ENG NO:         | MATL NO    | ENG NO:         | MATL NO    | ENG NO:         |
|                | A-7720-A02A501A | 22-45-8021 | A-7720-B02A501A | 22-45-7021 | A-7720-C02A501A |            | A-7720-D02A501A | 22-45-7024 | A-7720-E02A501A |            | A-7720-F02A501A |
|                | A-7720-A03A501A | 22-45-8031 | A-7720-B03A501A | 22-45-7031 | A-7720-C03A501A |            | A-7720-D03A501A | 22-45-7034 | A-7720-E03A501A |            | A-7720-F03A501A |
|                | A-7720-A04A501A | 22-45-8041 | A-7720-B04A501A |            | A-7720-C04A501A |            | A-7720-D04A501A | 22-45-7044 | A-7720-E04A501A |            | A-7720-F04A501A |
| 22-45-7053     | A-7720-A05A501A | 22-45-8051 | A-7720-B05A501A |            | A-7720-C05A501A |            | A-7720-D05A501A | 22-45-7054 | A-7720-E05A501A |            | A-7720-F05A501A |
|                | A-7720-A06A501A | 22-45-8061 | A-7720-B06A501A | 22-45-7061 | A-7720-C06A501A |            | A-7720-D06A501A | 22-45-7064 | A-7720-E06A501A |            | A-7720-F06A501A |
| 22-45-7073     | A-7720-A07A501A | 22-45-8071 | A-7720-B07A501A |            | A-7720-C07A501A |            | A-7720-D07A501A | 22-45-7074 | A-7720-E07A501A |            | A-7720-F07A501A |
| 22-45-7083     | A-7720-A08A501A | 22-45-8081 | A-7720-B08A501A | 22-45-7081 | A-7720-C08A501A | 22-45-7089 | A-7720-D08A501A | 22-45-7084 | A-7720-E08A501A | 22-45-7087 | A-7720-F08A501A |
|                | A-7720-A09A501A | 22-45-8091 | A-7720-B09A501A |            | A-7720-C09A501A |            | A-7720-D09A501A | 22-45-7094 | A-7720-E09A501A |            | A-7720-F09A501A |
|                | A-7720-A10A501A | 22-45-8101 | A-7720-B10A501A |            | A-7720-C10A501A |            | A-7720-D10A501A | 22-45-7104 | A-7720-E10A501A |            | A-7720-F10A501A |
|                | A-7720-A11A501A | 22-45-8111 | A-7720-B11A501A |            | A-7720-C11A501A |            | A-7720-D11A501A | 22-45-7114 | A-7720-E11A501A |            | A-7720-F11A501A |
|                | A-7720-A12A501A | 22-45-8121 | A-7720-B12A501A |            | A-7720-C12A501A |            | A-7720-D12A501A | 22-45-7124 | A-7720-E12A501A |            | A-7720-F12A501A |
|                | A-7720-A13A501A | 22-45-8131 | A-7720-B13A501A | 22-45-7131 | A-7720-C13A501A |            | A-7720-D13A501A | 22-45-7134 | A-7720-E13A501A |            | A-7720-F13A501A |
| 22-45-7143     | A-7720-A14A501A | 22-45-8141 | A-7720-B14A501A |            | A-7720-C14A501A |            | A-7720-D14A501A | 22-45-7144 | A-7720-E14A501A |            | A-7720-F14A501A |
|                | A-7720-A15A501A | 22-45-8151 | A-7720-B15A501A |            | A-7720-C15A501A |            | A-7720-D15A501A | 22-45-7154 | A-7720-E15A501A |            | A-7720-F15A501A |
|                | A-7720-A16A501A | 22-45-8161 | A-7720-B16A501A |            | A-7720-C16A501A |            | A-7720-D16A501A | 22-45-7164 | A-7720-E16A501A |            | A-7720-F16A501A |
|                | A-7720-A17A501A | 22-45-8171 | A-7720-B17A501A |            | A-7720-C17A501A |            | A-7720-D17A501A | 22-45-7174 | A-7720-E17A501A |            | A-7720-F17A501A |
|                | A-7720-A18A501A | 22-45-8181 | A-7720-B18A501A |            | A-7720-C18A501A |            | A-7720-D18A501A | 22-45-7184 | A-7720-E18A501A |            | A-7720-F18A501A |
|                | A-7720-A19A501A | 22-45-8191 | A-7720-B19A501A |            | A-7720-C19A501A |            | A-7720-D19A501A | 22-45-7194 | A-7720-E19A501A |            | A-7720-F19A501A |
|                | A-7720-A20A501A | 22-45-8201 | A-7720-B20A501A |            | A-7720-C20A501A |            | A-7720-D20A501A | 22-45-7204 | A-7720-E20A501A |            | A-7720-F20A501A |
|                | A-7720-A21A501A | 22-45-8211 | A-7720-B21A501A |            | A-7720-C21A501A |            | A-7720-D21A501A | 22-45-7214 | A-7720-E21A501A |            | A-7720-F21A501A |
|                | A-7720-A22A501A | 22-45-8221 | A-7720-B22A501A |            | A-7720-C22A501A |            | A-7720-D22A501A | 22-45-7224 | A-7720-E22A501A |            | A-7720-F22A501A |
|                | A-7720-A23A501A | 22-45-8231 | A-7720-B23A501A |            | A-7720-C23A501A |            | A-7720-D23A501A | 22-45-7234 | A-7720-E23A501A |            | A-7720-F23A501A |
|                | A-7720-A24A501A | 22-45-8241 | A-7720-B24A501A | 22-45-7241 | A-7720-C24A501A |            | A-7720-D24A501A | 22-45-7244 | A-7720-E24A501A |            | A-7720-F24A501A |
|                | A-7720-A25A501A | 22-45-8251 | A-7720-B25A501A |            | A-7720-C25A501A |            | A-7720-D25A501A | 22-45-7254 | A-7720-E25A501A |            | A-7720-F25A501A |
|                | A-7720-A26A501A | 22-45-8261 | A-7720-B26A501A |            | A-7720-C26A501A |            | A-7720-D26A501A | 22-45-7264 | A-7720-E26A501A |            | A-7720-F26A501A |
|                | A-7720-A27A501A | 22-45-8271 | A-7720-B27A501A |            | A-7720-C27A501A |            | A-7720-D27A501A | 22-45-7274 | A-7720-E27A501A |            | A-7720-F27A501A |
|                | A-7720-A28A501A | 22-45-8281 | A-7720-B28A501A |            | A-7720-C28A501A |            | A-7720-D28A501A | 22-45-7284 | A-7720-E28A501A |            | A-7720-F28A501A |

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| <u>REVISION:</u><br><br><b>BA</b>                 | <u>ECR/ECN INFORMATION:</u><br><u>EC No.:</u> UCP2009-2291<br><u>DATE:</u> 4/17/2009 | <u>TITLE:</u><br><br><b>KK 100 IDT CONNECTOR ASSEMBLY</b> |                                          | <u>SHEET No.</u><br><br><b>7</b>         |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD-7720-001</b> |                                                                                      | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>        | <u>CHECKED BY:</u><br><br><b>SSOUSEK</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC  |                                                                                      |                                                           |                                          |                                          |





| A-7720-ANH503B |                 | A-7720-BNH503B |                 | A-7720-CNH503B |                 | A-7720-DNH503B |                 | A-7720-ENH503B |                 | A-7720-FNH503B |                 |
|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| HOUSING        | 7720-AN         | HOUSING        | 7720-BN         | HOUSING        | 7720-CN         | HOUSING        | 7720-DN         | HOUSING        | 7720-EN         | HOUSING        | 7720-FN         |
| TERM. NO       | 41138-H503      | TERM. NO       | 41138-H503      | TERM. NO       | 41138-H503      | TERM. NO       | 41138-H503      | TERM. NO       | 41138-H503      | TERM. NO       | 41138-H503      |
| PLATING:       | 503             | PLATING:       | 503             | PLATING:       | 503             | PLATING:       | 503             | PLATING:       | 503             | PLATING:       | 503             |
| COLOR          | GREEN           | COLOR          | GREEN           | COLOR          | GREEN           | COLOR          | GREEN           | COLOR          | GREEN           | COLOR          | GREEN           |
|                |                 |                |                 |                |                 |                |                 |                |                 |                |                 |
| MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         |
|                | A-7720-A02H503B |                | A-7720-B02H503B | 22-45-9022     | A-7720-C02H503B |                | A-7720-D02H503B |                | A-7720-E02H503B |                | A-7720-F02H503B |
|                | A-7720-A03H503B |                | A-7720-B03H503B | 22-45-9032     | A-7720-C03H503B |                | A-7720-D03H503B |                | A-7720-E03H503B |                | A-7720-F03H503B |
|                | A-7720-A04H503B |                | A-7720-B04H503B | 22-45-9042     | A-7720-C04H503B |                | A-7720-D04H503B | 22-45-9045     | A-7720-E04H503B | 22-45-9047     | A-7720-F04H503B |
|                | A-7720-A05H503B |                | A-7720-B05H503B | 22-45-9052     | A-7720-C05H503B |                | A-7720-D05H503B | 22-45-9055     | A-7720-E05H503B | 22-45-9057     | A-7720-F05H503B |
|                | A-7720-A06H503B |                | A-7720-B06H503B | 22-45-9062     | A-7720-C06H503B |                | A-7720-D06H503B | 22-45-9065     | A-7720-E06H503B | 22-45-9067     | A-7720-F06H503B |
|                | A-7720-A07H503B |                | A-7720-B07H503B | 22-45-9072     | A-7720-C07H503B |                | A-7720-D07H503B |                | A-7720-E07H503B | 22-45-9077     | A-7720-F07H503B |
|                | A-7720-A08H503B |                | A-7720-B08H503B | 22-45-9082     | A-7720-C08H503B |                | A-7720-D08H503B |                | A-7720-E08H503B | 22-45-9087     | A-7720-F08H503B |
|                | A-7720-A09H503B |                | A-7720-B09H503B | 22-45-9092     | A-7720-C09H503B |                | A-7720-D09H503B |                | A-7720-E09H503B |                | A-7720-F09H503B |
|                | A-7720-A10H503B |                | A-7720-B10H503B | 22-45-9102     | A-7720-C10H503B |                | A-7720-D10H503B |                | A-7720-E10H503B |                | A-7720-F10H503B |
|                | A-7720-A11H503B |                | A-7720-B11H503B | 22-45-9112     | A-7720-C11H503B |                | A-7720-D11H503B |                | A-7720-E11H503B | 22-45-9117     | A-7720-F11H503B |
|                | A-7720-A12H503B |                | A-7720-B12H503B | 22-45-9122     | A-7720-C12H503B |                | A-7720-D12H503B |                | A-7720-E12H503B |                | A-7720-F12H503B |
|                | A-7720-A13H503B |                | A-7720-B13H503B | 22-45-9132     | A-7720-C13H503B |                | A-7720-D13H503B |                | A-7720-E13H503B |                | A-7720-F13H503B |
|                | A-7720-A14H503B |                | A-7720-B14H503B | 22-45-9142     | A-7720-C14H503B |                | A-7720-D14H503B |                | A-7720-E14H503B |                | A-7720-F14H503B |
|                | A-7720-A15H503B |                | A-7720-B15H503B | 22-45-9152     | A-7720-C15H503B |                | A-7720-D15H503B |                | A-7720-E15H503B |                | A-7720-F15H503B |
|                | A-7720-A16H503B |                | A-7720-B16H503B | 22-45-9162     | A-7720-C16H503B |                | A-7720-D16H503B |                | A-7720-E16H503B |                | A-7720-F16H503B |
|                | A-7720-A17H503B |                | A-7720-B17H503B | 22-45-9172     | A-7720-C17H503B |                | A-7720-D17H503B |                | A-7720-E17H503B |                | A-7720-F17H503B |
|                | A-7720-A18H503B |                | A-7720-B18H503B | 22-45-9182     | A-7720-C18H503B |                | A-7720-D18H503B |                | A-7720-E18H503B |                | A-7720-F18H503B |
|                | A-7720-A19H503B |                | A-7720-B19H503B | 22-45-9192     | A-7720-C19H503B |                | A-7720-D19H503B |                | A-7720-E19H503B |                | A-7720-F19H503B |
|                | A-7720-A20H503B |                | A-7720-B20H503B | 22-45-9202     | A-7720-C20H503B |                | A-7720-D20H503B |                | A-7720-E20H503B |                | A-7720-F20H503B |
|                | A-7720-A21H503B |                | A-7720-B21H503B | 22-45-9212     | A-7720-C21H503B |                | A-7720-D21H503B |                | A-7720-E21H503B |                | A-7720-F21H503B |
|                | A-7720-A22H503B |                | A-7720-B22H503B | 22-45-9222     | A-7720-C22H503B |                | A-7720-D22H503B |                | A-7720-E22H503B |                | A-7             |

|                                                                 |                                                                                      |                                                           |                                          |                                          |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------|------------------------------------------|
|                                                                 |                                                                                      |                                                           |                                          |                                          |
| <u>REVISION:</u><br><br><b>BA</b>                               | <u>ECR/ECN INFORMATION:</u><br><u>EC No.:</u> UCP2009-2291<br><u>DATE:</u> 4/17/2009 | <u>TITLE:</u><br><br><b>KK 100 IDT CONNECTOR ASSEMBLY</b> |                                          | <u>SHEET No.</u><br><br><b>10</b>        |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD-7720-001</b>               |                                                                                      | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>        | <u>CHECKED BY:</u><br><br><b>SSOUSEK</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |
| <small>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</small> |                                                                                      |                                                           |                                          |                                          |

[illegible]





| A-7720-ANA228A |                 | A-7720-BNA228A |                 | A-7720-CNA228A |                 | A-7720-DNA228A |                 | A-7720-ENA228A |                 | A-7720-FNA228A |                 |
|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| HOUSING        | 7720-AN         | HOUSING        | 7720-BN         | HOUSING        | 7720-CN         | HOUSING        | 7720-DN         | HOUSING        | 7720-EN         | HOUSING        | 7720-FN         |
| TERM. NO       | 7691-A228       | TERM. NO       | 7691-A228       | TERM. NO       | 7691-A228       | TERM. NO       | 7691-A228       | TERM. NO       | 7691-A228       | TERM. NO       | 7691-A228       |
| PLATING:       | 228             | PLATING:       | 228             | PLATING:       | 228             | PLATING:       | 228             | PLATING:       | 228             | PLATING:       | 228             |
| COLOR          | BROWN           | COLOR          | BROWN           | COLOR          | BROWN           | COLOR          | BROWN           | COLOR          | BROWN           | COLOR          | BROWN           |
|                |                 |                |                 |                |                 |                |                 |                |                 |                |                 |
| MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         | MATL NO        | ENG NO:         |
|                | A-7720-A02A228A |                | A-7720-B02A228A | 22-45-9021     | A-7720-C02A228A | 22-45-9020     | A-7720-D02A228A | 22-45-9024     | A-7720-E02A228A | 22-45-9029     | A-7720-F02A228A |
|                | A-7720-A03A228A |                | A-7720-B03A228A | 22-45-9031     | A-7720-C03A228A | 22-45-9030     | A-7720-D03A228A | 22-45-9034     | A-7720-E03A228A | 22-45-9039     | A-7720-F03A228A |
|                | A-7720-A04A228A |                | A-7720-B04A228A | 22-45-9041     | A-7720-C04A228A | 22-45-9040     | A-7720-D04A228A | 22-45-9044     | A-7720-E04A228A | 22-45-9049     | A-7720-F04A228A |
|                | A-7720-A05A228A |                | A-7720-B05A228A | 22-45-9051     | A-7720-C05A228A | 22-45-9050     | A-7720-D05A228A | 22-45-9054     | A-7720-E05A228A | 22-45-9059     | A-7720-F05A228A |
|                | A-7720-A06A228A |                | A-7720-B06A228A | 22-45-9061     | A-7720-C06A228A | 22-45-9060     | A-7720-D06A228A | 22-45-9064     | A-7720-E06A228A | 22-45-9069     | A-7720-F06A228A |
|                | A-7720-A07A228A |                | A-7720-B07A228A | 22-45-9071     | A-7720-C07A228A | 22-45-9070     | A-7720-D07A228A | 22-45-9074     | A-7720-E07A228A | 22-45-9079     | A-7720-F07A228A |
|                | A-7720-A08A228A |                | A-7720-B08A228A | 22-45-9081     | A-7720-C08A228A | 22-45-9080     | A-7720-D08A228A | 22-45-9084     | A-7720-E08A228A | 22-45-9089     | A-7720-F08A228A |
|                | A-7720-A09A228A |                | A-7720-B09A228A | 22-45-9091     | A-7720-C09A228A | 22-45-9090     | A-7720-D09A228A | 22-45-9094     | A-7720-E09A228A | 22-45-9099     | A-7720-F09A228A |
|                | A-7720-A10A228A |                | A-7720-B10A228A | 22-45-9101     | A-7720-C10A228A | 22-45-9100     | A-7720-D10A228A | 22-45-9104     | A-7720-E10A228A | 22-45-9109     | A-7720-F10A228A |
|                | A-7720-A11A228A |                | A-7720-B11A228A | 22-45-9111     | A-7720-C11A228A | 22-45-9110     | A-7720-D11A228A | 22-45-9114     | A-7720-E11A228A | 22-45-9119     | A-7720-F11A228A |
|                | A-7720-A12A228A |                | A-7720-B12A228A | 22-45-9121     | A-7720-C12A228A | 22-45-9120     | A-7720-D12A228A | 22-45-9124     | A-7720-E12A228A | 22-45-9129     | A-7720-F12A228A |
|                | A-7720-A13A228A |                | A-7720-B13A228A | 22-45-9131     | A-7720-C13A228A | 22-45-9130     | A-7720-D13A228A | 22-45-9134     | A-7720-E13A228A | 22-45-9139     | A-7720-F13A228A |
|                | A-7720-A14A228A |                | A-7720-B14A228A | 22-45-9141     | A-7720-C14A228A | 22-45-9140     | A-7720-D14A228A | 22-45-9144     | A-7720-E14A228A | 22-45-9149     | A-7720-F14A228A |
|                | A-7720-A15A228A |                | A-7720-B15A228A | 22-45-9151     | A-7720-C15A228A | 22-45-9150     | A-7720-D15A228A | 22-45-9154     | A-7720-E15A228A | 22-45-9159     | A-7720-F15A228A |
|                | A-7720-A16A228A |                | A-7720-B16A228A | 22-45-9161     | A-7720-C16A228A | 22-45-9160     | A-7720-D16A228A | 22-45-9164     | A-7720-E16A228A | 22-45-9169     | A-7720-F16A228A |
|                | A-7720-A17A228A |                | A-7720-B17A228A | 22-45-9171     | A-7720-C17A228A | 22-45-9170     | A-7720-D17A228A | 22-45-9174     | A-7720-E17A228A | 22-45-9179     | A-7720-F17A228A |
|                | A-7720-A18A228A |                | A-7720-B18A228A | 22-45-9181     | A-7720-C18A228A | 22-45-9180     | A-7720-D18A228A | 22-45-9184     | A-7720-E18A228A | 22-45-9189     | A-7720-F18A228A |
|                | A-7720-A19A228A |                | A-7720-B19A228A | 22-45-9191     | A-7720-C19A228A | 22-45-9190     | A-7720-D19A228A | 22-45-9194     | A-7720-E19A228A | 22-45-9199     | A-7720-F19A228A |
|                | A-7720-A20A228A |                | A-7720-B20A228A | 22-45-9201     | A-7720-C20A228A | 22-45-9200     | A-7720-D20A228A | 22-45-9204     | A-7720-E20A228A | 22-45-9209     | A-7720-F20A228A |
|                | A-7720-A21A228A |                | A-7720-B21A228A | 22-45-9211     | A-7720-C21A228A | 22-45-9210     | A-7720-D21A228A | 22-45-9214     | A-7720-E21A228A | 22-45-9219     | A-7720-F21A228A |
|                | A-7720-A22A228A |                | A-7720-B22A228A | 22-45-9221     | A-7720-C22A228A | 22-45-9220     | A-7720-D22A228A | 22-45-9224     | A-7720-E22A228A | 22-45-9229     | A-7720-F22A228A |
|                | A-7720-A23A228A |                | A-7720-B23A228A | 22-45-9231     | A-7720-C23A228A | 22-45-9230     | A-7720-D23A228A | 22-45-9234     | A-7720-E23A228A | 22-45-9239     | A-7720-F23A228A |
|                | A-7720-A24A228A |                | A-7720-B24A228A | 22-45-9241     | A-7720-C24A228A | 22-45-9240     | A-7720-D24A228A | 22-45-9244     | A-7720-E24A228A | 22-45-9249     | A-7720-F24A228A |
|                | A-7720-A25A228A |                | A-7720-B25A228A | 22-45-9251     | A-7720-C25A228A | 22-45-9250     | A-7720-D25A228A | 22-45-9254     | A-7720-E25A228A | 22-45-9259     | A-7720-F25A228A |
|                | A-7720-A26A228A |                | A-7720-B26A228A | 22-45-9261     | A-7720-C26A228A | 22-45-9260     | A-7720-D26A228A | 22-45-9264     | A-7720-E26A228A | 22-45-9269     | A-7720-F26A228A |
|                | A-7720-A27A228A |                | A-7720-B27A228A | 22-45-9271     | A-7720-C27A228A | 22-45-9270     | A-7720-D27A228A | 22-45-9274     | A-7720-E27A228A | 22-45-9279     | A-7720-F27A228A |
|                | A-7720-A28A228A |                | A-7720-B28A228A | 22-45-9281     | A-7720-C28A228A | 22-45-9280     | A-7720-D28A228A | 22-45-9284     | A-7720-E28A228A | 22-45-9289     | A-7720-F28A228A |

|                                                   |                                                                                      |                                                           |                                          |                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------|------------------------------------------|
|                                                   |                                                                                      |                                                           |                                          |                                          |
| <u>REVISION:</u><br><br><b>BA</b>                 | <u>ECR/ECN INFORMATION:</u><br><u>EC No.:</u> UCP2009-2291<br><u>DATE:</u> 4/17/2009 | <u>TITLE:</u><br><br><b>KK 100 IDT CONNECTOR ASSEMBLY</b> |                                          | <u>SHEET No.</u><br><br><b>14</b>        |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD-7720-001</b> |                                                                                      | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>        | <u>CHECKED BY:</u><br><br><b>SSOUSEK</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC  |                                                                                      |                                                           |                                          |                                          |







