

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022456271

Status:

Active

Overview:

kk

Description:

2.54mm (.100") KK® IDT Double Cantilever Contact, 27 Circuits, Gold (Au), Feed-Through, 22 AWG Wire

Documents:

3D Model

Drawing (PDF)

Product Specification PS-7720-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

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 Insulation Diameter

Wire Size AWG

27

Natural

5

94V-2

Female

No

None

Phosphor Bronze

Gold

Gold

Nylon

1

Bag

No

0.100 In

2.54 mm

Yes

0°C to +75°C

IDT or Pierce

1.52mm (.060") max.

22, 24, 26, 28

Electrical

Current - Maximum per Contact

Voltage - Maximum

4A

250V

Material Info

Old Part Number

A-7720-WA27F501B

Reference - Drawing Numbers

Packaging Specification

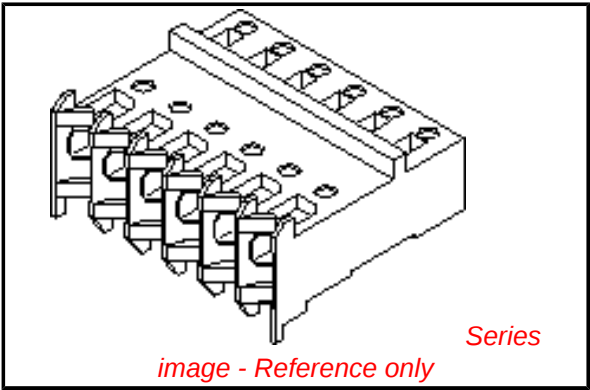
Product Specification

Sales Drawing

PK-7720-001

PS-7720-001

SD-7720-001



EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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-automatic 0623000100  
- 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

This document was generated on 05/18/2010

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



D

C

B

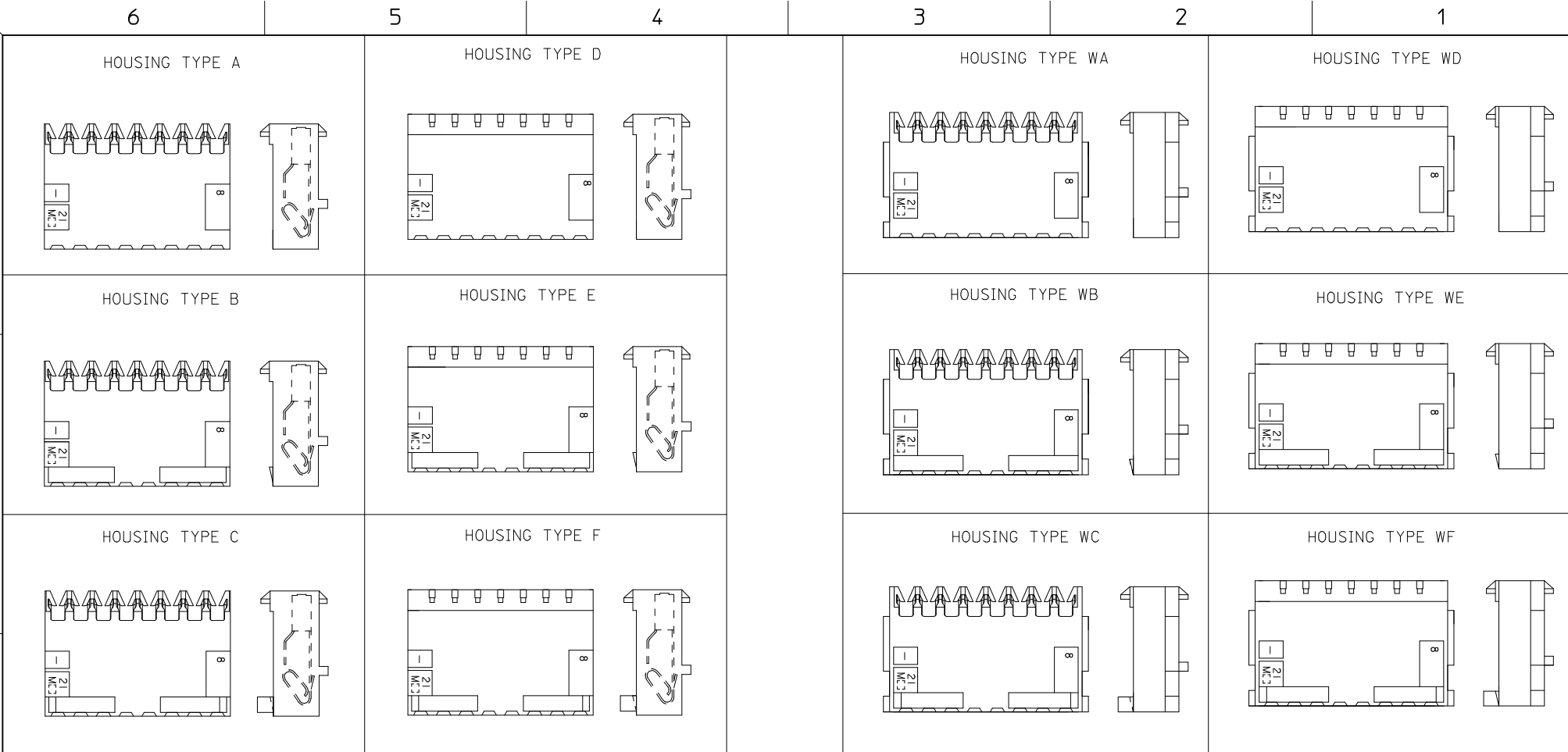
A

D

C

B

A



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

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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 |
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| 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 |
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| 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 |
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| A-7720-ANH501B |                 | A-7720-BNH501B |                 | A-7720-CNH501B |                 | A-7720-DNH501B |                 | A-7720-ENH501B |                 | A-7720-FNH501B |                 |
|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| HOUSING        | 7720-AN         | HOUSING        | 7720-BN         | HOUSING        | 7720-CN         | HOUSING        | 7720-DN         | HOUSING        | 7720-EN         | HOUSING        | 7720-FN         |
| TERM. NO       | 41138-H501      | TERM. NO       | 41138-H501      | TERM. NO       | 41138-H501      | TERM. NO       | 41138-H501      | TERM. NO       | 41138-H501      | TERM. NO       | 41138-H501      |
| PLATING:       | 501             | PLATING:       | 501             | PLATING:       | 501             | PLATING:       | 501             | PLATING:       | 501             | PLATING:       | 501             |
| 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:         |
| 22-45-7025     | A-7720-A02H501B | 22-45-8022     | A-7720-B02H501B | 22-45-7022     | A-7720-C02H501B | 22-45-8027     | A-7720-D02H501B | 22-45-7026     | A-7720-E02H501B | 22-45-7028     | A-7720-F02H501B |
| 22-45-7035     | A-7720-A03H501B | 22-45-8032     | A-7720-B03H501B |                | A-7720-C03H501B | 22-45-8037     | A-7720-D03H501B | 22-45-7036     | A-7720-E03H501B | 22-45-7038     | A-7720-F03H501B |
| 22-45-7045     | A-7720-A04H501B | 22-45-8042     | A-7720-B04H501B |                | A-7720-C04H501B | 22-45-8047     | A-7720-D04H501B | 22-45-7046     | A-7720-E04H501B | 22-45-7048     | A-7720-F04H501B |
| 22-45-7055     | A-7720-A05H501B | 22-45-8052     | A-7720-B05H501B |                | A-7720-C05H501B | 22-45-8057     | A-7720-D05H501B | 22-45-7056     | A-7720-E05H501B | 22-45-7058     | A-7720-F05H501B |
| 22-45-7065     | A-7720-A06H501B |                | A-7720-B06H501B | 22-45-7062     | A-7720-C06H501B | 22-45-8067     | A-7720-D06H501B | 22-45-7066     | A-7720-E06H501B | 22-45-7068     | A-7720-F06H501B |
| 22-45-7075     | A-7720-A07H501B |                | A-7720-B07H501B |                | A-7720-C07H501B | 22-45-8077     | A-7720-D07H501B | 22-45-7076     | A-7720-E07H501B | 22-45-7078     | A-7720-F07H501B |
| 22-45-7085     | A-7720-A08H501B | 22-45-8082     | A-7720-B08H501B | 22-45-7082     | A-7720-C08H501B | 22-45-8087     | A-7720-D08H501B | 22-45-7086     | A-7720-E08H501B | 22-45-7088     | A-7720-F08H501B |
| 22-45-7095     | A-7720-A09H501B |                | A-7720-B09H501B |                | A-7720-C09H501B | 22-45-8097     | A-7720-D09H501B | 22-45-7096     | A-7720-E09H501B | 22-45-7098     | A-7720-F09H501B |
| 22-45-7105     | A-7720-A10H501B | 22-45-8102     | A-7720-B10H501B | 22-45-7102     | A-7720-C10H501B | 22-45-8107     | A-7720-D10H501B | 22-45-7106     | A-7720-E10H501B | 22-45-7108     | A-7720-F10H501B |
| 22-45-7115     | A-7720-A11H501B |                | A-7720-B11H501B |                | A-7720-C11H501B | 22-45-8117     | A-7720-D11H501B | 22-45-7116     | A-7720-E11H501B | 22-45-7118     | A-7720-F11H501B |
| 22-45-7125     | A-7720-A12H501B |                | A-7720-B12H501B |                | A-7720-C12H501B | 22-45-8127     | A-7720-D12H501B | 22-45-7126     | A-7720-E12H501B | 22-45-7128     | A-7720-F12H501B |
| 22-45-7135     | A-7720-A13H501B |                | A-7720-B13H501B | 22-45-7132     | A-7720-C13H501B | 22-45-8137     | A-7720-D13H501B | 22-45-7136     | A-7720-E13H501B | 22-45-7138     | A-7720-F13H501B |
| 22-45-7145     | A-7720-A14H501B |                | A-7720-B14H501B | 22-45-7142     | A-7720-C14H501B | 22-45-8147     | A-7720-D14H501B | 22-45-7146     | A-7720-E14H501B | 22-45-7148     | A-7720-F14H501B |
| 22-45-7155     | A-7720-A15H501B |                | A-7720-B15H501B |                | A-7720-C15H501B | 22-45-8157     | A-7720-D15H501B | 22-45-7156     | A-7720-E15H501B | 22-45-7158     | A-7720-F15H501B |
| 22-45-7165     | A-7720-A16H501B |                | A-7720-B16H501B |                | A-7720-C16H501B | 22-45-8167     | A-7720-D16H501B | 22-45-7166     | A-7720-E16H501B | 22-45-7168     | A-7720-F16H501B |
| 22-45-7175     | A-7720-A17H501B |                | A-7720-B17H501B |                | A-7720-C17H501B | 22-45-8177     | A-7720-D17H501B | 22-45-7176     | A-7720-E17H501B | 22-45-7178     | A-7720-F17H501B |
| 22-45-7185     | A-7720-A18H501B |                | A-7720-B18H501B |                | A-7720-C18H501B | 22-45-8187     | A-7720-D18H501B | 22-45-7186     | A-7720-E18H501B | 22-45-7188     | A-7720-F18H501B |
| 22-45-7195     | A-7720-A19H501B |                | A-7720-B19H501B |                | A-7720-C19H501B | 22-45-8197     | A-7720-D19H501B | 22-45-7196     | A-7720-E19H501B | 22-45-7198     | A-7720-F19H501B |
| 22-45-7205     | A-7720-A20H501B |                | A-7720-B20H501B |                | A-7720-C20H501B | 22-45-8207     | A-7720-D20H501B | 22-45-7206     | A-7720-E20H501B | 22-45-7208     | A-7720-F20H501B |
| 22-45-7215     | A-7720-A21H501B |                | A-7720-B21H501B |                | A-7720-C21H501B | 22-45-8217     | A-7720-D21H501B | 22-45-7216     | A-7720-E21H501B | 22-45-7218     | A-7720-F21H501B |
| 22-45-7225     | A-7720-A22H501B |                | A-7720-B22H501B |                | A-7720-C22H501B | 22-45-8227     | A-7720-D22H501B | 22-45-7226     | A-7720-E22H501B | 22-45-7228     | A-7720-F22H501B |
| 22-45-7235     | A-7720-A23H501B |                | A-7720-B23H501B |                | A-7720-C23H501B | 22-45-8237     | A-7720-D23H501B | 22-45-7236     | A-7720-E23H501B | 22-45-7238     | A-7720-F23H501B |
| 22-45-7245     | A-7720-A24H501B |                | A-7720-B24H501B |                | A-7720-C24H501B | 22-45-8247     | A-7720-D24H501B | 22-45-7246     | A-7720-E24H501B | 22-45-7248     | A-7720-F24H501B |
| 22-45-7255     | A-7720-A25H501B |                | A-7720-B25H501B |                | A-7720-C25H501B | 22-45-8257     | A-7720-D25H501B | 22-45-7256     | A-7720-E25H501B | 22-45-7258     | A-7720-F25H501B |
| 22-45-7265     | A-7720-A26H501B |                | A-7720-B26H501B |                | A-7720-C26H501B | 22-45-8267     | A-7720-D26H501B | 22-45-7266     | A-7720-E26H501B | 22-45-7268     | A-7720-F26H501B |
| 22-45-7275     | A-7720-A27H501B |                | A-7720-B27H501B |                | A-7720-C27H501B | 22-45-8277     | A-7720-D27H501B | 22-45-7276     | A-7720-E27H501B | 22-45-7278     | A-7720-F27H501B |
| 22-45-7285     | A-7720-A28H501B |                | A-7720-B28H501B |                | A-7720-C28H501B | 22-45-8287     | A-7720-D28H501B | 22-45-7286     | A-7720-E28H501B | 22-45-7288     | A-7720-F28H501B |

|                                                   |                                                                                      |                                                           |                                          |                                          |
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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>8</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> |                                                                                      |                                                           |                                          |                                          |



| A-7720-ANFP909C |                  | A-7720-BNFP909C |                  | A-7720-CNFP909C |                  | A-7720-DNFP909C |                  | A-7720-ENFP909C |                  | A-7720-FNFP909C |                  |
|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| HOUSING         | 7720-AN          | HOUSING         | 7720-BN          | HOUSING         | 7720-CN          | HOUSING         | 7720-DN          | HOUSING         | 7720-EN          | HOUSING         | 7720-FN          |
| TERM. NO        | 41512-FP909      | TERM. NO        | 41512-FP909      | TERM. NO        | 41512-FP909      | TERM. NO        | 41512-FP909      | TERM. NO        | 41512-FP909      | TERM. NO        | 41512-FP909      |
| PLATING:        | P909             | PLATING:        | P909             | PLATING:        | P909             | PLATING:        | P909             | PLATING:        | P909             | PLATING:        | P909             |
| COLOR           | BLACK            | COLOR           | BLACK            | COLOR           | BLACK            | COLOR           | BLACK            | COLOR           | BLACK            | COLOR           | BLACK            |
| MATL NO         | ENG NO:          | MATL NO         | ENG NO:          | MATL NO         | ENG NO:          | MATL NO         | ENG NO:          | MATL NO         | ENG NO:          | MATL NO         | ENG NO:          |
| 22-42-5020      | A-7720-A02FP909C | 22-42-5021      | A-7720-B02FP909C | 22-42-5022      | A-7720-C02FP909C | 22-42-5023      | A-7720-D02FP909C | 22-42-5024      | A-7720-E02FP909C | 22-42-5025      | A-7720-F02FP909C |
| 22-42-5030      | A-7720-A03FP909C | 22-42-5031      | A-7720-B03FP909C | 22-42-5032      | A-7720-C03FP909C | 22-42-5033      | A-7720-D03FP909C | 22-42-5034      | A-7720-E03FP909C | 22-42-5035      | A-7720-F03FP909C |
| 22-42-5040      | A-7720-A04FP909C | 22-42-5041      | A-7720-B04FP909C | 22-42-5042      | A-7720-C04FP909C | 22-42-5043      | A-7720-D04FP909C | 22-42-5044      | A-7720-E04FP909C | 22-42-5045      | A-7720-F04FP909C |
| 22-42-5050      | A-7720-A05FP909C | 22-42-5051      | A-7720-B05FP909C | 22-42-5052      | A-7720-C05FP909C | 22-42-5053      | A-7720-D05FP909C | 22-42-5054      | A-7720-E05FP909C | 22-42-5055      | A-7720-F05FP909C |
| 22-42-5060      | A-7720-A06FP909C | 22-42-5061      | A-7720-B06FP909C | 22-42-5062      | A-7720-C06FP909C | 22-42-5063      | A-7720-D06FP909C | 22-42-5064      | A-7720-E06FP909C | 22-42-5065      | A-7720-F06FP909C |
| 22-42-5070      | A-7720-A07FP909C | 22-42-5071      | A-7720-B07FP909C | 22-42-5072      | A-7720-C07FP909C | 22-42-5073      | A-7720-D07FP909C | 22-42-5074      | A-7720-E07FP909C | 22-42-5075      | A-7720-F07FP909C |
| 22-42-5080      | A-7720-A08FP909C | 22-42-5081      | A-7720-B08FP909C | 22-42-5082      | A-7720-C08FP909C | 22-42-5083      | A-7720-D08FP909C | 22-42-5084      | A-7720-E08FP909C | 22-42-5085      | A-7720-F08FP909C |
| 22-42-5090      | A-7720-A09FP909C | 22-42-5091      | A-7720-B09FP909C | 22-42-5092      | A-7720-C09FP909C | 22-42-5093      | A-7720-D09FP909C | 22-42-5094      | A-7720-E09FP909C | 22-42-5095      | A-7720-F09FP909C |
| 22-42-5100      | A-7720-A10FP909C | 22-42-5101      | A-7720-B10FP909C | 22-42-5102      | A-7720-C10FP909C | 22-42-5103      | A-7720-D10FP909C | 22-42-5104      | A-7720-E10FP909C | 22-42-5105      | A-7720-F10FP909C |
| 22-42-5110      | A-7720-A11FP909C | 22-42-5111      | A-7720-B11FP909C | 22-42-5112      | A-7720-C11FP909C | 22-42-5113      | A-7720-D11FP909C | 22-42-5114      | A-7720-E11FP909C | 22-42-5115      | A-7720-F11FP909C |
| 22-42-5120      | A-7720-A12FP909C | 22-42-5121      | A-7720-B12FP909C | 22-42-5122      | A-7720-C12FP909C | 22-42-5123      | A-7720-D12FP909C | 22-42-5124      | A-7720-E12FP909C | 22-42-5125      | A-7720-F12FP909C |
| 22-42-5130      | A-7720-A13FP909C | 22-42-5131      | A-7720-B13FP909C | 22-42-5132      | A-7720-C13FP909C | 22-42-5133      | A-7720-D13FP909C | 22-42-5134      | A-7720-E13FP909C | 22-42-5135      | A-7720-F13FP909C |
| 22-42-5140      | A-7720-A14FP909C | 22-42-5141      | A-7720-B14FP909C | 22-42-5142      | A-7720-C14FP909C | 22-42-5143      | A-7720-D14FP909C | 22-42-5144      | A-7720-E14FP909C | 22-42-5145      | A-7720-F14FP909C |
| 22-42-5150      | A-7720-A15FP909C | 22-42-5151      | A-7720-B15FP909C | 22-42-5152      | A-7720-C15FP909C | 22-42-5153      | A-7720-D15FP909C | 22-42-5154      | A-7720-E15FP909C | 22-42-5155      | A-7720-F15FP909C |
| 22-42-5160      | A-7720-A16FP909C | 22-42-5161      | A-7720-B16FP909C | 22-42-5162      | A-7720-C16FP909C | 22-42-5163      | A-7720-D16FP909C | 22-42-5164      | A-7720-E16FP909C | 22-42-5165      | A-7720-F16FP909C |
| 22-42-5170      | A-7720-A17FP909C | 22-42-5171      | A-7720-B17FP909C | 22-42-5172      | A-7720-C17FP909C | 22-42-5173      | A-7720-D17FP909C | 22-42-5174      | A-7720-E17FP909C | 22-42-5175      | A-7720-F17FP909C |
| 22-42-5180      | A-7720-A18FP909C | 22-42-5181      | A-7720-B18FP909C | 22-42-5182      | A-7720-C18FP909C | 22-42-5183      | A-7720-D18FP909C | 22-42-5184      | A-7720-E18FP909C | 22-42-5185      | A-7720-F18FP909C |
| 22-42-5190      | A-7720-A19FP909C | 22-42-5191      | A-7720-B19FP909C | 22-42-5192      | A-7720-C19FP909C | 22-42-5193      | A-7720-D19FP909C | 22-42-5194      | A-7720-E19FP909C | 22-42-5195      | A-7720-F19FP909C |
| 22-42-5200      | A-7720-A20FP909C | 22-42-5201      | A-7720-B20FP909C | 22-42-5202      | A-7720-C20FP909C | 22-42-5203      | A-7720-D20FP909C | 22-42-5204      | A-7720-E20FP909C | 22-42-5205      | A-7720-F20FP909C |
| 22-42-5210      | A-7720-A21FP909C | 22-42-5211      | A-7720-B21FP909C | 22-42-5212      | A-7720-C21FP909C | 22-42-5213      | A-7720-D21FP909C | 22-42-5214      | A-7720-E21FP909C | 22-42-5215      | A-7720-F21FP909C |
| 22-42-5220      | A-7720-A22FP909C | 22-42-5221      | A-7720-B22FP909C | 22-42-5222      | A-7720-C22FP909C | 22-42-5223      | A-7720-D22FP909C | 22-42-5224      | A-7720-E22FP909C | 22-42-5225      | A-7720-F22FP909C |
| 22-42-5230      | A-7720-A23FP909C | 22-42-5231      | A-7720-B23FP909C | 22-42-5232      | A-7720-C23FP909C | 22-42-5233      | A-7720-D23FP909C | 22-42-5234      | A-7720-E23FP909C | 22-42-5235      | A-7720-F23FP909C |
| 22-42-5240      | A-7720-A24FP909C | 22-42-5241      | A-7720-B24FP909C | 22-42-5242      | A-7720-C24FP909C | 22-42-5243      | A-7720-D24FP909C | 22-42-5244      | A-7720-E24FP909C | 22-42-5245      | A-7720-F24FP909C |
| 22-42-5250      | A-7720-A25FP909C | 22-42-5251      | A-7720-B25FP909C | 22-42-5252      | A-7720-C25FP909C | 22-42-5253      | A-7720-D25FP909C | 22-42-5254      | A-7720-E25FP909C | 22-42-5255      | A-7720-F25FP909C |
| 22-42-5260      | A-7720-A26FP909C | 22-42-5261      | A-7720-B26FP909C | 22-42-5262      | A-7720-C26FP909C | 22-42-5263      | A-7720-D26FP909C | 22-42-5264      | A-7720-E26FP909C | 22-42-5265      | A-7720-F26FP909C |
| 22-42-5270      | A-7720-A27FP909C | 22-42-5271      | A-7720-B27FP909C | 22-42-5272      | A-7720-C27FP909C | 22-42-5273      | A-7720-D27FP909C | 22-42-5274      | A-7720-E27FP909C | 22-42-5275      | A-7720-F27FP909C |
| 22-42-5280      | A-7720-A28FP909C | 22-42-5281      | A-7720-B28FP909C | 22-42-5282      | A-7720-C28FP909C | 22-42-5283      | A-7720-D28FP909C | 22-42-5284      | A-7720-E28FP909C | 22-42-5285      | A-7720-F28FP909C |

|                                 |                                                                 |                                                    |                                                  |
|---------------------------------|-----------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------|
| REVISION:<br><div>BA</div>      | ECR/ECN INFORMATION:<br>EC No.: UCP2009-2291<br>DATE: 4/17/2009 | TITLE:<br><div>KK 100 IDT CONNECTOR ASSEMBLY</div> | SHEET No.<br><div>12</div>                       |
| DOCUMENT NUMBER:<br>SD-7720-001 |                                                                 | CREATED / REVISED BY:<br>MKIPPER                   | CHECKED BY:<br>SSOUSEK<br>APPROVED BY:<br>FSMITH |

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





| A-7720-ANH208B |                 | A-7720-BNH208B |                 | A-7720-CNH208B |                 | A-7720-DNH208B |                 | A-7720-ENH208B |                 | A-7720-FNH208B |                 |
|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| HOUSING        | 7720-AN         | HOUSING        | 7720-BN         | HOUSING        | 7720-CN         | HOUSING        | 7720-DN         | HOUSING        | 7720-EN         | HOUSING        | 7720-FN         |
| TERM. NO       | 41138-H208      | TERM. NO       | 41138-H208      | TERM. NO       | 41138-H208      | TERM. NO       | 41138-H208      | TERM. NO       | 41138-H208      | TERM. NO       | 41138-H208      |
| PLATING:       | 208             | PLATING:       | 208             | PLATING:       | 208             | PLATING:       | 208             | PLATING:       | 208             | PLATING:       | 208             |
| 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-A02H208B |                | A-7720-B02H208B | 22-45-5023     | A-7720-C02H208B |                | A-7720-D02H208B |                | A-7720-E02H208B | 22-45-9028     | A-7720-F02H208B |
|                | A-7720-A03H208B |                | A-7720-B03H208B | 22-45-5033     | A-7720-C03H208B |                | A-7720-D03H208B |                | A-7720-E03H208B | 22-45-9038     | A-7720-F03H208B |
|                | A-7720-A04H208B |                | A-7720-B04H208B | 22-45-5043     | A-7720-C04H208B |                | A-7720-D04H208B |                | A-7720-E04H208B | 22-45-9048     | A-7720-F04H208B |
|                | A-7720-A05H208B |                | A-7720-B05H208B | 22-45-5053     | A-7720-C05H208B |                | A-7720-D05H208B |                | A-7720-E05H208B | 22-45-9058     | A-7720-F05H208B |
|                | A-7720-A06H208B |                | A-7720-B06H208B | 22-45-5063     | A-7720-C06H208B |                | A-7720-D06H208B |                | A-7720-E06H208B | 22-45-9068     | A-7720-F06H208B |
|                | A-7720-A07H208B |                | A-7720-B07H208B | 22-45-5073     | A-7720-C07H208B |                | A-7720-D07H208B |                | A-7720-E07H208B | 22-45-9078     | A-7720-F07H208B |
|                | A-7720-A08H208B |                | A-7720-B08H208B | 22-45-5083     | A-7720-C08H208B |                | A-7720-D08H208B |                | A-7720-E08H208B | 22-45-9088     | A-7720-F08H208B |
|                | A-7720-A09H208B |                | A-7720-B09H208B | 22-45-5093     | A-7720-C09H208B |                | A-7720-D09H208B |                | A-7720-E09H208B | 22-45-9098     | A-7720-F09H208B |
|                | A-7720-A10H208B |                | A-7720-B10H208B | 22-45-5103     | A-7720-C10H208B |                | A-7720-D10H208B |                | A-7720-E10H208B | 22-45-9108     | A-7720-F10H208B |
|                | A-7720-A11H208B |                | A-7720-B11H208B | 22-45-5113     | A-7720-C11H208B |                | A-7720-D11H208B |                | A-7720-E11H208B | 22-45-9118     | A-7720-F11H208B |
|                | A-7720-A12H208B |                | A-7720-B12H208B | 22-45-5123     | A-7720-C12H208B |                | A-7720-D12H208B |                | A-7720-E12H208B | 22-45-9128     | A-7720-F12H208B |
|                | A-7720-A13H208B |                | A-7720-B13H208B | 22-45-5133     | A-7720-C13H208B |                | A-7720-D13H208B |                | A-7720-E13H208B | 22-45-9138     | A-7720-F13H208B |
|                | A-7720-A14H208B |                | A-7720-B14H208B | 22-45-5143     | A-7720-C14H208B |                | A-7720-D14H208B |                | A-7720-E14H208B | 22-45-9148     | A-7720-F14H208B |
|                | A-7720-A15H208B |                | A-7720-B15H208B | 22-45-5153     | A-7720-C15H208B |                | A-7720-D15H208B |                | A-7720-E15H208B | 22-45-9158     | A-7720-F15H208B |
|                | A-7720-A16H208B |                | A-7720-B16H208B | 22-45-5163     | A-7720-C16H208B |                | A-7720-D16H208B |                | A-7720-E16H208B | 22-45-9168     | A-7720-F16H208B |
|                | A-7720-A17H208B |                | A-7720-B17H208B | 22-45-5173     | A-7720-C17H208B |                | A-7720-D17H208B |                | A-7720-E17H208B | 22-45-9178     | A-7720-F17H208B |
|                | A-7720-A18H208B |                | A-7720-B18H208B | 22-45-5183     | A-7720-C18H208B |                | A-7720-D18H208B |                | A-7720-E18H208B | 22-45-9188     | A-7720-F18H208B |
|                | A-7720-A19H208B |                | A-7720-B19H208B | 22-45-5193     | A-7720-C19H208B |                | A-7720-D19H208B |                | A-7720-E19H208B | 22-45-9198     | A-7720-F19H208B |
|                | A-7720-A20H208B |                | A-7720-B20H208B | 22-45-5203     | A-7720-C20H208B |                | A-7720-D20H208B |                | A-7720-E20H208B | 22-45-9208     | A-7720-F20H208B |
|                | A-7720-A21H208B |                | A-7720-B21H208B | 22-45-5213     | A-7720-C21H208B |                | A-7720-D21H208B |                | A-7720-E21H208B | 22-45-9218     | A-7720-F21H208B |
|                | A-7720-A22H208B |                | A-7720-B22H208B | 22-45-5223     | A-7720-C22H208B |                | A-7720-D22H208B |                | A-7720-E22H208B | 22-45-9228     | A-7720-F22H208B |
|                | A-7720-A23H208B |                | A-7720-B23H208B | 22-45-5233     | A-7720-C23H208B |                | A-7720-D23H208B |                | A-7720-E23H208B | 22-45-9238     | A-7720-F23H208B |
|                | A-7720-A24H208B |                | A-7720-B24H208B | 22-45-5243     | A-7720-C24H208B |                | A-7720-D24H208B |                | A-7720-E24H208B | 22-45-9248     | A-7720-F24H208B |
|                | A-7720-A25H208B |                | A-7720-B25H208B | 22-45-5253     | A-7720-C25H208B |                | A-7720-D25H208B |                | A-7720-E25H208B | 22-45-9258     | A-7720-F25H208B |
|                | A-7720-A26H208B |                | A-7720-B26H208B | 22-45-5263     | A-7720-C26H208B |                | A-7720-D26H208B |                | A-7720-E26H208B | 22-45-9268     | A-7720-F26H208B |
|                | A-7720-A27H208B |                | A-7720-B27H208B | 22-45-5273     | A-7720-C27H208B |                | A-7720-D27H208B |                | A-7720-E27H208B | 22-45-9278     | A-7720-F27H208B |
|                | A-7720-A28H208B |                | A-7720-B28H208B | 22-45-5283     | A-7720-C28H208B |                | A-7720-D28H208B |                | A-7720-E28H208B | 22-45-9288     | A-7720-F28H208B |

|                                                   |                                                                                      |                                                           |                                          |                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------|------------------------------------------|
|                                                   |                                                                                      |                                                           |                                          |                                          |
| <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>15</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  |                                                                                      |                                                           |                                          |                                          |





