

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022456077

Status:

Active

Overview:

kk

Description:

2.54mm (.100") KK® IDT Double Cantilever Contact, 7 Circuits, Gold (Au), Feed-To, 22 AWG Wire

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 Insulation Diameter

Wire Size AWG

7

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-WD07F501B

Reference - Drawing Numbers

Packaging Specification

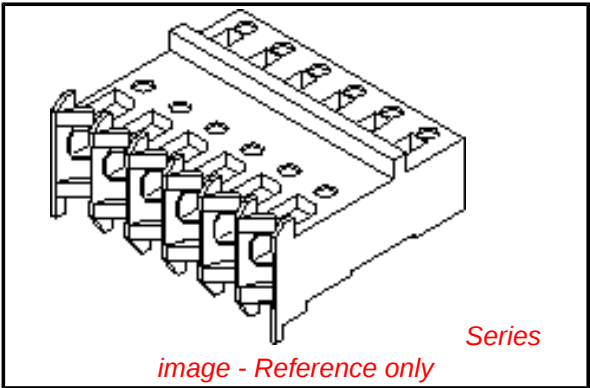
Product Specification

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
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 2.54mm (.100") Pitch KK® IDT Crimp Terminals	0638133504
IDT - Manual Press	0011200179
IDT - Semi-automatic	0011200771
- Bench-Top Terminator	
IDT - Semi-automatic	0623000100
- Bench-Top Terminator	
Changehead for 7720 and 7720s	0690080225

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 05/27/2010

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D

C

B

A

D

C

B

A



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

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

[illegible]

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:
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	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> BA	<u>ECR/ECN INFORMATION:</u> <u>EC No.:</u> UCP2009-2291 <u>DATE:</u> 4/17/2009	<u>TITLE:</u> KK 100 IDT CONNECTOR ASSEMBLY		<u>SHEET No.</u> 15
<u>DOCUMENT NUMBER:</u> SD-7720-001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> SSOUSEK	<u>APPROVED BY:</u> FSMITH
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC				

