

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0022503195**
Status: **Active**
Overview: **kk**
Description: 2.54mm (.100") KK® IDT Double Cantilever Contact, 19 Circuits, Tin (Sn), Feed-Through, Friction Ramp and Polarizing Rib, Green ID Strip

Documents:

[3D Model](#) [Product Specification PSX-7690S \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family IDT and Solder Connectors
 Series [7720](#)
 Comments Version H
 Crimp Quality Equipment Yes
 Overview [kk](#)
 Product Name KK®

Physical

Circuits (Loaded) 19
 Circuits (maximum) 19
 Color - Resin Natural
 Durability (mating cycles max) 5
 Flammability 94V-2
 Gender Female
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Number of Rows 1
 Packaging Type Bag
 Pitch - Mating Interface (in) 0.100 In
 Pitch - Mating Interface (mm) 2.54 mm
 Pitch - Term. Interface (in) 0.100 In
 Pitch - Term. Interface (mm) 2.54 mm
 Polarized to Mating Part Yes
 Stackable No
 Temperature Range - Operating 0°C to +75°C
 Termination Interface: Style IDT or Pierce
 Wire Size AWG 24 Stranded, 26 Solid, 26 Stranded Topcoat

Electrical

Current - Maximum per Contact 4A
 Voltage - Maximum 250V

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)

Material Info

Old Part Number 7720SC19H

Reference - Drawing Numbers

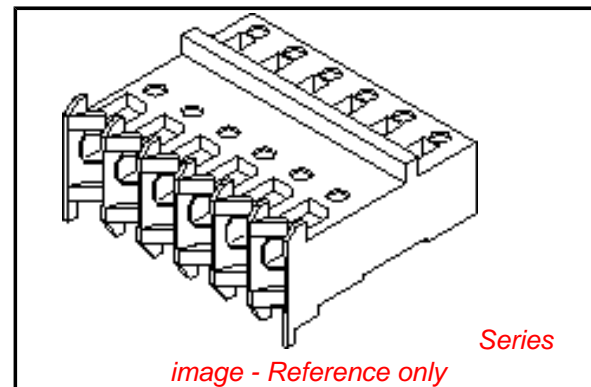


image - Reference only

EU RoHS

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

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[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 - Semi-automatic | 0011200412 |
| - Bench-Top | |
| Terminator | |

Packaging Specification
Product Specification
Sales Drawing

PK-7720-100
PSX-7690S
SDA-7720S-*N*

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| PART NO. | ENG. NO. | CCTS. | TERMINAL | I.D. STRIPE | PLTG. |
|------------|--------------|-------|---------------|-------------|--------------------------------------|
| 22-50-3025 | A-7720S-C 2H | 2 | 40125-H(P918) | GREEN | HOT TIN DIP (1-3µM)/000040-000120 |
| ↑ 3035 | ↑ C 3H | 3 | ↑ | ↑ | |
| 3045 | C 4H | 4 | | | |
| 3055 | C 5H | 5 | | | |
| 3065 | C 6H | 6 | | | |
| 3075 | C 7H | 7 | | | |
| 3085 | C 8H | 8 | | | |
| 3095 | C 9H | 9 | | | |
| 3105 | C 10H | 10 | | | |
| 3115 | C 11H | 11 | | | |
| 3125 | C 12H | 12 | | | |
| 3135 | C 13H | 13 | | | |
| 3145 | C 14H | 14 | | | |
| 3155 | C 15H | 15 | | | |
| 3165 | C 16H | 16 | | | |
| 3175 | C 17H | 17 | | | |
| 3185 | C 18H | 18 | | | |
| 3195 | C 19H | 19 | | | |
| 3205 | C 20H | 20 | | | |
| 3215 | C 21H | 21 | | | |
| 3225 | C 22H | 22 | | | |
| 3235 | C 23H | 23 | | | |
| 3245 | C 24H | 24 | | | |
| 3255 | C 25H | 25 | | | |
| 3265 | C 26H | 26 | | | |
| ↓ 3275 | ↓ C 27H | 27 | ↓ | ↓ | |
| 22-50-3285 | A-7720S-C28H | 28 | 40125-H(P918) | GREEN | |

NOTE:
1. 18 - 28 CIRCUITS ARE NON-STANDARD.

| | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------|------------------------|--------------------------------------------------------------------------------|
| CORRECT PLATING EC NO: E2007-0125 DRWN: WASZKI EWI (CZ 2006/10/10) CHKD: MORIARTY 2006/10/11 APPR: DENNEHY 2006/10/11 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | SCALE --- | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | ▽=0 ▽=0 | 4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± --- 1 PLACE ± --- ANGULAR ± ---° | mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± --- | DRAWN BY MCC CHECKED BY D. MORIARTY APPROVED BY J. DENNEHY | DATE | TITLE | INSULATION DISPLACEMENT CONNECTOR (2.54)/.100 CENTRES MOLEX INCORPORATED |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART | MATERIAL NO. SDA-7720S-*N* | DOCUMENT NO. | SHEET NO. 2 OF 4 | | |
| | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |