

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0022503045](#)  
**Status:** **Active**  
**Overview:** [kk](#)  
**Description:** 2.54mm (.100") KK® IDT Double Cantilever Contact, 4 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**

UL E29179

**General**

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

**Physical**

Circuits (Loaded) 4  
 Circuits (maximum) 4  
 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  
 Panel Mount No  
 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 +50°C  
 Termination Interface: Style IDT or Pierce  
 Wire Size AWG 24 Stranded, 26 Solid, 26 Stranded Topcoat

**Electrical**

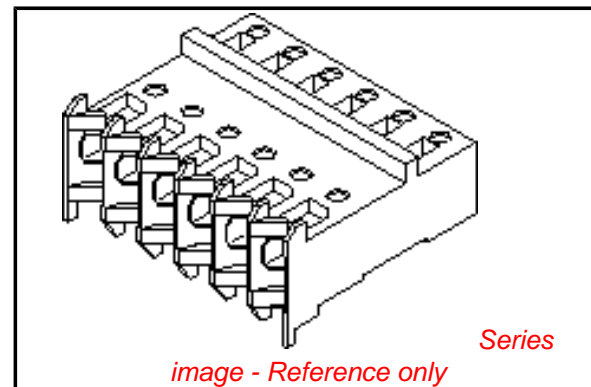
Current - Maximum per Contact 4A  
 Voltage - Maximum 250V

**Material Info**

Old Part Number 7720SC04H

**Reference - Drawing Numbers**

Packaging Specification PK-7720-100  
 Product Specification PSX-7690S



**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 2.54mm (.100") Pitch KK® IDT Crimp Terminals	<a href="#">0638133504</a>
IDT - Semi-automatic	<a href="#">0011200412</a>
- Bench-Top Terminator	

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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 DATE DATE	TITLE INSULATION DISPLACEMENT CONNECTOR (2.54)/.100 CENTRES	SHEET NO. 2 OF 4
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO. DOCUMENT NO. SDA-7720S-*N*	MOLEX INCORPORATED			
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						