

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

**Part Number:** **0038002098**  
**Status:** **Active**  
**Overview:** kk  
**Description:** 2.54mm (.100") KK® IDT Double Cantilever Contact, 8 Circuits, Tin (Sn), Feed-Through, Friction Ramp and Polarizing Rib, Brown 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 J  
 Crimp Quality Equipment Yes  
 Overview kk  
 Product Name KK®

**Physical**

Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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 26 Stranded, 28 Solid, 28 Stranded Topcoat

**Electrical**

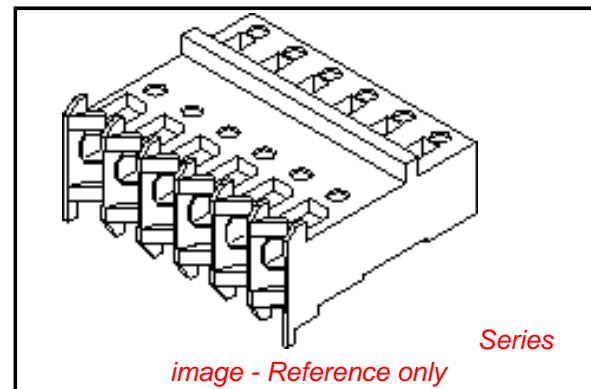
Current - Maximum per Contact 4A  
 Voltage - Maximum 250V

**Solder Process Data**

Lead-free Process Capability Wave Capable (TH only)

**Material Info**

Old Part Number 7720SC08J



**EU RoHS**

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

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

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-7720-100

PSX-7690S

SDA-7720S-\*N\*

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10 9 8 7 6 5 4 3 2 1

PART NO.	ENG. NO.	CCTS.	TERMINAL	I.D. STRIPE	PLATING
38-00-2092	A-7720S-C 2J	2	40125-J(P918)	BROWN	HOT TIN DIP (1-3µM)/.000040-.000120
▲ 2093	▲ C 3J	3	▲	▲	
2094	C 4J	4			
2095	C 5J	5			
2096	C 6J	6			
2097	C 7J	7			
2098	C 8J	8			
2099	C 9J	9			
2100	C10J	10			
2101	C11J	11			
2102	C12J	12			
2103	C13J	13			
2104	C14J	14			
2105	C15J	15			
2106	C16J	16			
2107	C17J	17			
2108	C18J	18			
2109	C19J	19			
2110	C20J	20			
2111	C21J	21			
2112	C22J	22			
2113	C23J	23			
2114	C24J	24			
2115	C25J	25			
2116	C26J	26			
▼ 2117	▼ C27J	27	▼	▼	
38-00-2118	A-7720S-C28J	28	40125-J(P918)	BROWN	

PART NO.	ENG. NO.	CCTS.	TERMINAL	I.D. STRIPE	PLATING
38-00-0579	A-7720S-C6J(561)	6	40627-J(561)	BROWN	SELECTIVE GOLD (0.76µM)/.000030 MIN. OVER (1.27µM)/.000050 NICKEL MIN.

NOTE: 18 - 28 CIRCUITS ARE NON-STANDARD.

CORRECT PLATING EC NO: E2007-0125 DRWN: DNASZKI/EMI/CZ/2006/10/10 CHK'D: 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	mm	INCH	DRAWN BY MCC	DATE	TITLE	INSULATION DISPLACEMENT CONNECTOR (2.54)/.100 CENTRES		
		4 PLACES ±---	±---	CHECKED BY D.MORIARTY	DATE				
		3 PLACES ±---	±---	APPROVED BY J.DENNEHY	DATE		MOLEX INCORPORATED		
	2 PLACES ±---	±---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
	1 PLACE ±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	SEE CHART		SDA-7720S-*N*	
	ANGULAR ±---°							3 OF 4	

9 8 7 6 5 4 3 2 1