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Part Number: [0022503175](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") KK® IDT Double Cantilever Contact, 17 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) 17
 Circuits (maximum) 17
 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

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)

Material Info

Old Part Number 7720SC17H



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
 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 - Semi-automatic	0011200412
- Bench-Top Terminator	

Reference - Drawing Numbers

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					