

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0038002110

Status:

Active

Overview:

kk

Description:

2.54mm (.100") KK® IDT Double Cantilever Contact, 20 Circuits, Tin (Sn), Feed-Through, Friction Ramp and Polarizing Rib, Brown ID Strip

Documents:

3D Model

Drawing (PDF)

Product Specification PSX-7690S (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

General

Product Family

Series

Comments

Crimp Quality Equipment

Overview

Product Name

IDT and Solder Connectors

7720

Version J

Yes

kk

KK®

Physical

Circuits (Loaded)

Circuits (maximum)

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

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Polarized to Mating Part

Stackable

Temperature Range - Operating

Termination Interface: Style

Wire Size AWG

20

20

Natural

5

94V-2

Female

No

None

Brass

Tin

Tin

Nylon

1

Bag

0.100 In

2.54 mm

0.100 In

2.54 mm

Yes

No

0°C to +75°C

IDT or Pierce

26 Stranded, 28 Solid, 28 Stranded Topcoat

Electrical

Current - Maximum per Contact

Voltage - Maximum

4A

250V

Solder Process Data

Lead-free Process Capability

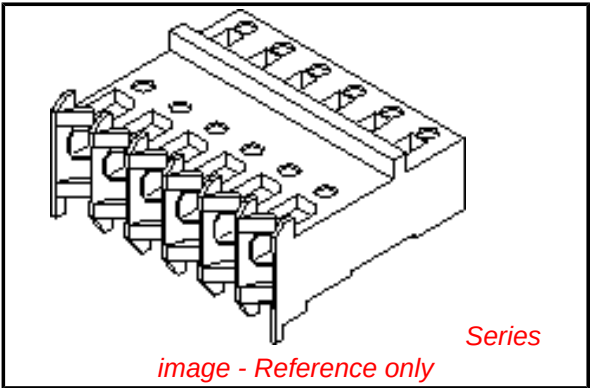
Wave Capable (TH only)

Material Info

Old Part Number

7720SC20J

Reference - Drawing Numbers



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

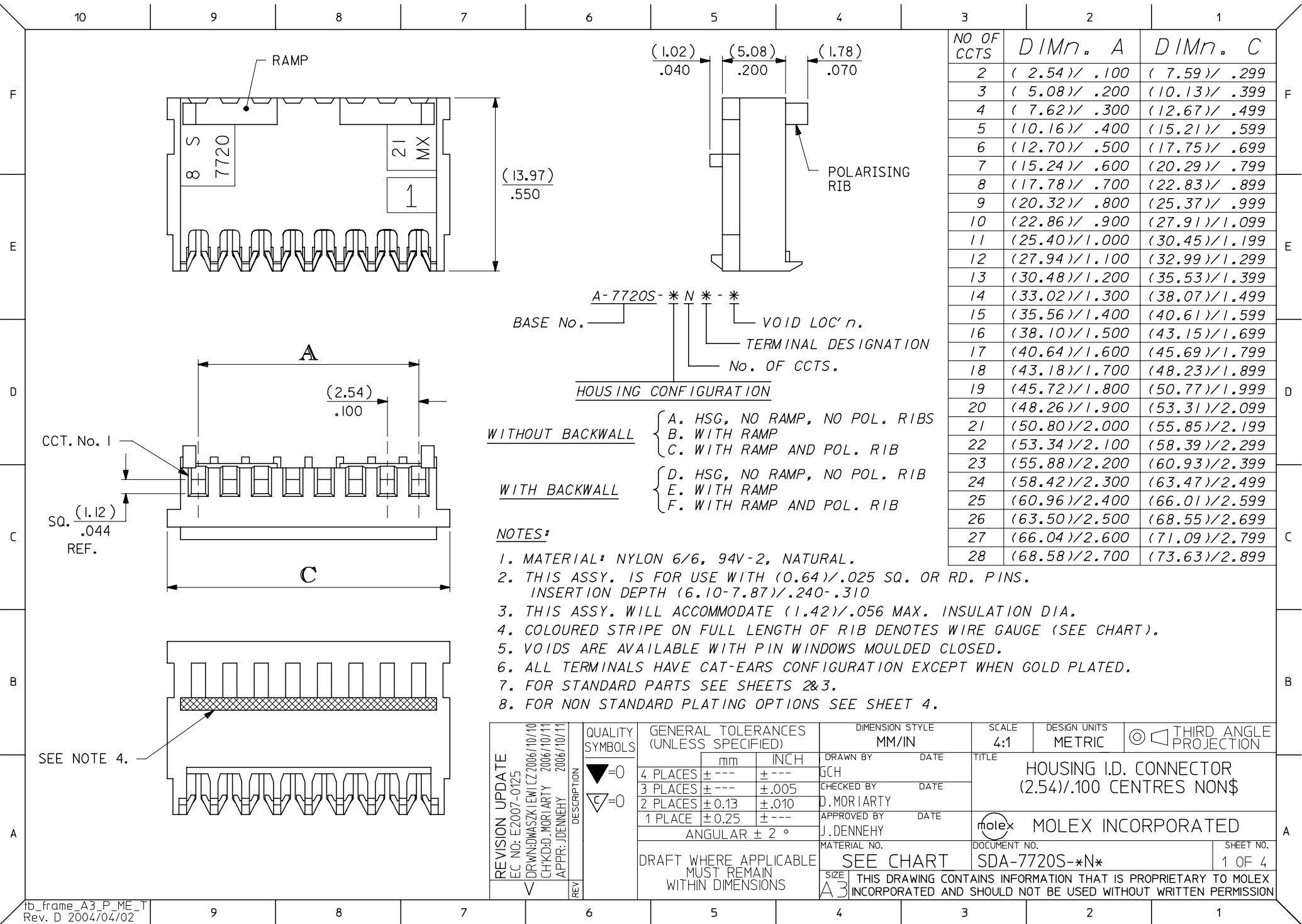
Description	Product #
Insertion Tool for	0638133504
2.54mm (.100") Pitch	
KK® IDT Crimp	
Terminals	
IDT - Semi-automatic	0011200412
- Bench-Top	
Terminator	

Packaging Specification
Product Specification
Sales Drawing

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

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	10	9	8	7	6	5	4	3	2	1		
F	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
B	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.				
A	NOTE: 18 - 28 CIRCUITS ARE NON-STANDARD.											
	CORRECT PLATING EC NO: E2007-0125 DRAWN: DAWASZKIEWICZ 2006/10/10 CHK'D: MORIARTY 2006/10/11 APPR: J DENNEHY 2006/10/11 V		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					4 PLACES	mm	INCH	DRAWN BY DATE		TITLE INSULATION DISPLACEMENT CONNECTOR (2.54)/.100 CENTRES		
						3 PLACES	DATE		MOLEX INCORPORATED			
						2 PLACES	DATE					DOCUMENT NO. SDA-7720S-*N*
	1 PLACE	DATE		APPROVED BY J.DENNEHY		SHEET NO. 3 OF 4						
	ANGULAR ±---°						MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE CHART						
						SIZE A3						
	Rev. D 2004/04/02											
	10	9	8	7	6	5	4	3	2	1		