

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022503155

Status:

Active

Overview:

kk

Description:

2.54mm (.100") KK® IDT Double Cantilever Contact, 15 Circuits, Tin (Sn), Feed-Through, Friction Ramp and Polarizing Rib, Green ID Strip

Documents:

3D Model

Drawing (PDF)

Product Specification PSX-7690S (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)

15

Circuits (maximum)

15

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

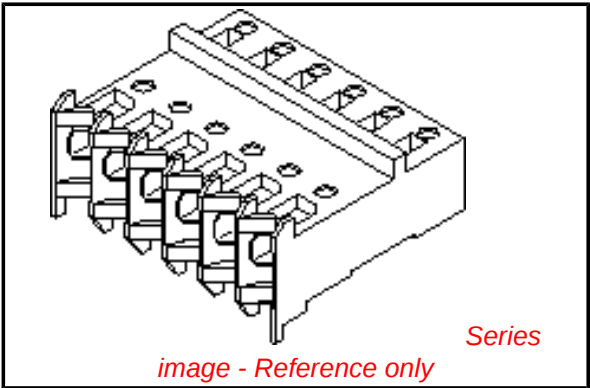
Lead-free Process Capability

Wave Capable (TH only)

Material Info

Old Part Number

7720SC15H



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

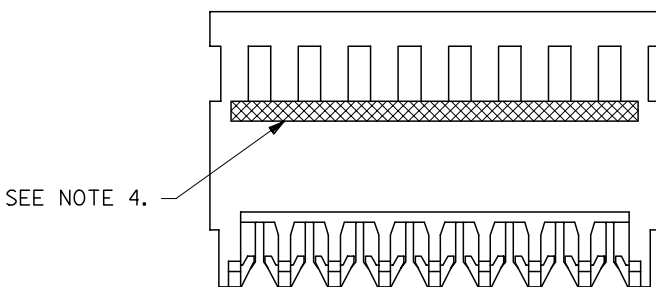
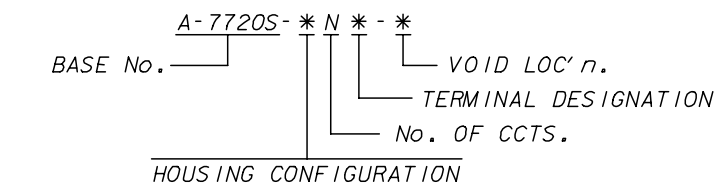
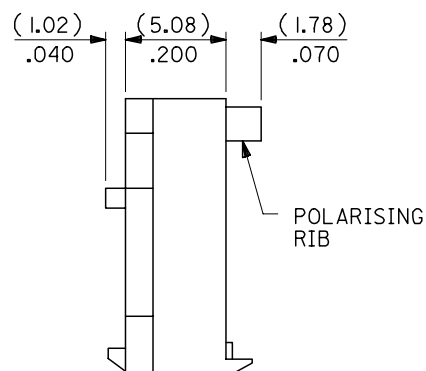
Description	Product #
Insertion Tool for 2.54mm (.100") Pitch KK® IDT Crimp Terminals	0638133504
IDT - Semi-automatic	0011200412
- Bench-Top Terminator	

Reference - Drawing Numbers

Packaging Specification	PK-7720-100
Product Specification	PSX-7690S
Sales Drawing	SDA-7720S-*N*

This document was generated on 05/18/2010

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NO OF CCTS	<i>DIMn. A</i>	<i>DIMn. C</i>
2	(2.54)/ .100	(7.59)/ .299
3	(5.08)/ .200	(10.13)/ .399
4	(7.62)/ .300	(12.67)/ .499
5	(10.16)/ .400	(15.21)/ .599
6	(12.70)/ .500	(17.75)/ .699
7	(15.24)/ .600	(20.29)/ .799
8	(17.78)/ .700	(22.83)/ .899
9	(20.32)/ .800	(25.37)/ .999
10	(22.86)/ .900	(27.91)/1.099
11	(25.40)/1.000	(30.45)/1.199
12	(27.94)/1.100	(32.99)/1.299
13	(30.48)/1.200	(35.53)/1.399
14	(33.02)/1.300	(38.07)/1.499
15	(35.56)/1.400	(40.61)/1.599
16	(38.10)/1.500	(43.15)/1.699
17	(40.64)/1.600	(45.69)/1.799
18	(43.18)/1.700	(48.23)/1.899
19	(45.72)/1.800	(50.77)/1.999
20	(48.26)/1.900	(53.31)/2.099
21	(50.80)/2.000	(55.85)/2.199
22	(53.34)/2.100	(58.39)/2.299
23	(55.88)/2.200	(60.93)/2.399
24	(58.42)/2.300	(63.47)/2.499
25	(60.96)/2.400	(66.01)/2.599
26	(63.50)/2.500	(68.55)/2.699
27	(66.04)/2.600	(71.09)/2.799
28	(68.58)/2.700	(73.63)/2.899

- | | |
|-------------------------|--|
| <u>WITHOUT BACKWALL</u> | { <ul style="list-style-type: none"> A. HSG, NO RAMP, NO POL. RIBS B. WITH RAMP C. WITH RAMP AND POL. RIB |
| <u>WITH BACKWALL</u> | { <ul style="list-style-type: none"> D. HSG, NO RAMP, NO POL. RIB E. WITH RAMP F. WITH RAMP AND POL. RIB |

1. MATERIAL: NYLON 6/6, 94V-2, NATURAL.	28	(68.58)/2.700	(1
2. THIS ASSY. IS FOR USE WITH (0.64)/.025 SQ. OR RD. PINS. INSERTION DEPTH (6.10-7.87)/.240-.310			
3. THIS ASSY. WILL ACCOMMODATE (1.42)/.056 MAX. INSULATION DIA.			
4. COLOURED STRIPE ON FULL LENGTH OF RIB DENOTES WIRE GAUGE (SEE CHART).			
5. VOIDS ARE AVAILABLE WITH PIN WINDOWS MOULDED CLOSED.			
6. ALL TERMINALS HAVE CAT-EARS CONFIGURATION EXCEPT WHEN GOLD PLATED.			
7. FOR STANDARD PARTS SEE SHEETS 2&3.			
8. FOR NON STANDARD PLATING OPTIONS SEE SHEET 4.			

REVISION UPDATE EC NO: E2007-0125 DRAWING: DWSZK1EWI C27 2006/10/10 CHK'D: MORIARTY 2006/10/11 APPR: DENNEHY 2006/10/11 V	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM/IN		4:1	METRIC				
				mm	INCH	DRAWN BY	DATE	TITLE HOUSING I.D. CONNECTOR (2.54)/.100 CENTRES NON\$					
			4 PLACES	± ---	± ---	GCH							
			3 PLACES	± ---	± .005	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED SDA-7720S-*N*					
			2 PLACES	± 0.13	± .010	D. MORIARTY							
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE	DOCUMENT NO.		SHEET NO.			
			ANGULAR ± 2 °			MATERIAL NO.				1 OF 4			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SDA-7720S-*N*					
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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