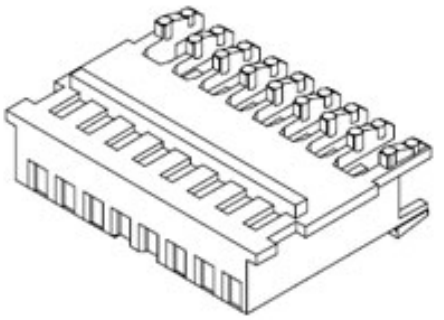
This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0038002405
Status: Active
Overview: kk
Description: 2.54mm (.100") Pitch KK® Connector, IDT, High Pressure Cat Ear Contact System, Green ID Stripe, 15 Circuit



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-99020-0088 (PDF)
Product Specification PSX-7690S (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	IDT and Solder Connectors
Series	7690
Comments	Version H
Crimp Quality Equipment	Yes
Overview	kk
Product Name	KK®

Physical

Circuits (Loaded)	15
Color - Resin	Natural
Durability (mating cycles max)	25
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
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
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Temperature Range - Operating	0°C to +75°C
Wire Size AWG	24 Stranded, 26 Solid, 26 Stranded Topcoat

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)

Material Info

Old Part Number	7690SC15H

Reference - Drawing Numbers

Packaging Specification	PK-7690-001

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
7690Series

Mates With
Molex KK® 2.54mm (.100") pitch headers and 0.64mm (.025") pins

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.

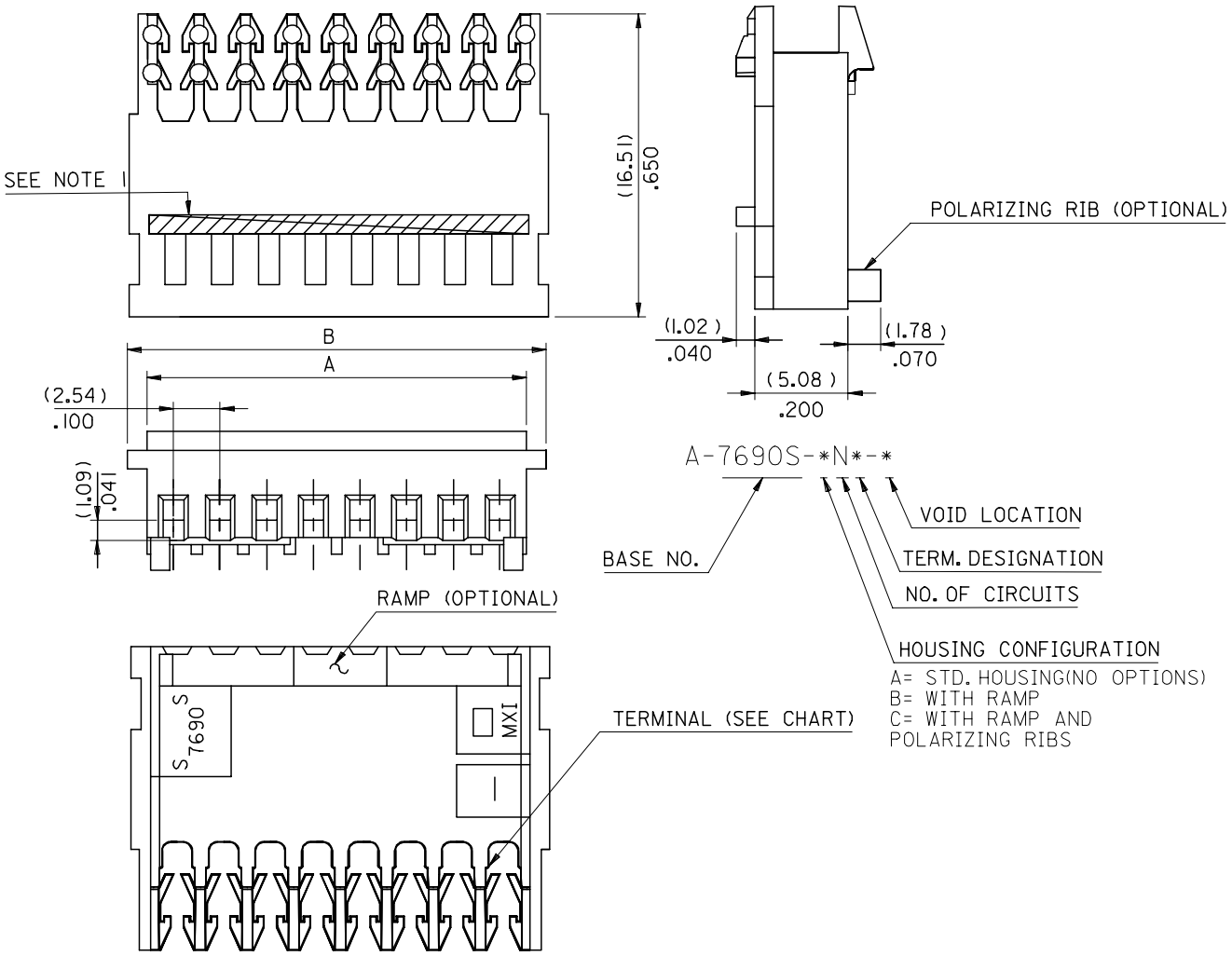
Global

Description	Product #
Changehead for 7720 and 7720s Connector Range, Colour Bar In, Feed-To Only	0690080225

Product Specification	PS-99020-0088, PSX-7690S
Sales Drawing	SDA-7690S-*N*

This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



CCT.	DIM "A"	DIM "B"
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	(77.75)/.699
7	(15.24)/.600	(20.29)/.799
8	(17.78)/.700	(22.23)/.899
9	(20.30)/.800	(25.37)/.999
10	(22.86)/.900	(27.92)/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	(47.72)/1.800	(50.77)/1.999
20	(48.26)/1.900	(53.31)/2.099
21	(50.0)/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

1- COLOURED STRIPE RUNNING LENGHT OF THE RIB AS SHOWN
2- TERMINALS RO BE LUBRICATED PRIOR TO ASSEMBLY WITH MXI-3 LUBRICANT.
3- THIS ASSEMBLY WILL ACCOMODATE (1.24)/.056 MAX. DIA. INSULATION
4- CONNECTOR MATRIAL: NYLON 6/6 94V-2
5- FOR USE WITH (0.64)/.025 ROUND OR SQUARE WIRE TO INTERSECTION DEPTH OF (7.87/6.10) / .310/.240
6- VOIDS ARE AVAILABLE WITH DESIGNATED PIN ENTERY HOLES MOLDED CLOSED
7- ALL TERMINALS HAVE CAT-EARS CONFIGURATION
8- FOR STANDARD PARTS SEE FOLLOWING SHEETS
9- THIS PART CONFORMS TO PROD.SPEC.99020-0088

REVISED SEET 2
EC NO: E2006-0657
DRWN:DWASZKIEWICZ 2006/06/06
CHKD:D. MORIARTY 2006/06/07
APPR: J.DENNEHY 2006/06/09
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	O.COSTEL	1998/02/02
CHECKED BY	MOHALLOR	1998/09/16
APPROVED BY	MWILHITE	1998/09/16

TITLE: INSULATION DISPLACEMENT CONN. (2.54)/.100 CENTRELINES

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-7690S-*N*
SHEET NO.: 1 OF 3
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PART NO.	ENG. NO.	CCTS	TERM NO.	I.D. STRIPE	PLTG.
38-00-2212	A-7690S-C 2J	2	40125-J(P902)	BROWN	HOT TIN DIP (1-2.5UM) .00004-.00010
38-00-2213	A-7690S-C 3J	3			
38-00-2214	A-7690S-C 4J	4			
38-00-2215	A-7690S-C 5J	5			
38-00-2216	A-7690S-C 6J	6			
38-00-2217	A-7690S-C 7J	7			
38-00-2218	A-7690S-C 8J	8			
38-00-2219	A-7690S-C 9J	9			
38-00-2220	A-7690S-C 10J	10			
38-00-2221	A-7690S-C 11J	11			
38-00-2222	A-7690S-C 12J	12			
38-00-2223	A-7690S-C 13J	13			
38-00-2224	A-7690S-C 14J	14			
38-00-2225	A-7690S-C 15J	15			
38-00-2226	A-7690S-C 16J	16			
38-00-2227	A-7690S-C 17J	17			
38-00-2228	A-7690S-C 18J	18			
38-00-2229	A-7690S-C 19J	19			
38-00-2230	A-7690S-C 20J	20			
38-00-2231	A-7690S-C 21J	21			
38-00-2232	A-7690S-C 22J	22			
38-00-2233	A-7690S-C 23J	23			
38-00-2234	A-7690S-C 24J	24			
38-00-2235	A-7690S-C 25J	25			
38-00-2236	A-7690S-C 26J	26			
38-00-2237	A-7690S-C 27J	27			
38-00-2238	A-7690S-C 28J	28	40125-J(P902)	BROWN	

PART NO.	ENG. NO.	CCTS	TERM NO.	I.D. STRIPE	PLTG.
38-00-2392	A-7690S-C 2H	2	40125-H(P902)	GREEN	HOT TIN DIP (1-2.5UM) .00004-.00010
38-00-2393	A-7690S-C 3H	3			
38-00-2394	A-7690S-C 4H	4			
38-00-2395	A-7690S-C 5H	5			
38-00-2396	A-7690S-C 6H	6			
38-00-2397	A-7690S-C 7H	7			
38-00-2398	A-7690S-C 8H	8			
38-00-2399	A-7690S-C 9H	9			
38-00-2400	A-7690S-C 10H	10			
38-00-2401	A-7690S-C 11H	11			
38-00-2402	A-7690S-C 12H	12			
38-00-2403	A-7690S-C 13H	13			
38-00-2404	A-7690S-C 14H	14			
38-00-2405	A-7690S-C 15H	15			
38-00-2406	A-7690S-C 16H	16			
38-00-2407	A-7690S-C 17H	17			
38-00-2408	A-7690S-C 18H	18			
38-00-2409	A-7690S-C 19H	19			
38-00-2410	A-7690S-C 20H	20			
38-00-2411	A-7690S-C 21H	21			
38-00-2412	A-7690S-C 22H	22			
38-00-2413	A-7690S-C 23H	23			
38-00-2414	A-7690S-C 24H	24			
38-00-2415	A-7690S-C 25H	25			
38-00-2416	A-7690S-C 26H	26			
38-00-2417	A-7690S-C 27H	27			
38-00-2418	A-7690S-C 28H	28	40125-H(P902)	GREEN	

REVISED
EC NO: E2006-0657
DRWN:DWASZKIEWICZ 2006/06/06
CHKD:D. MORIARTY 2006/06/07
APPR: JDENNEHY 2006/06/09
DESCRIPTION
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▼=0
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GENERAL TOLERANCES (UNLESS SPECIFIED)

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2 PLACES	±0.	±---
1 PLACE	±0.	±---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: O.COSTEL DATE: 1998/02/13
CHECKED BY: MOHALLOR DATE: 1998/09/16
APPROVED BY: MWILHITE DATE: 1998/09/16

TITLE: INSULATION DISPLACEMENT CONNECTOR (2.54)/.100 CTR.

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-7690S-*N*
SHEET NO.: 2 OF 3

SIZE A3

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