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Part Number: [0010101123](#)
Status: **Active**
Overview: [kk](#)
Description: 5.08mm (.200") Pitch KK® PC Board Connector, Top Entry Mount Style C, 1.0µm (40µ") Tin (Sn), 12 Circuits

Documents:
[3D Model](#) [Product Specification PS-99020-0087 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [3002](#)
Application Board-to-Board
Overview [kk](#)
Product Name KK®

Physical

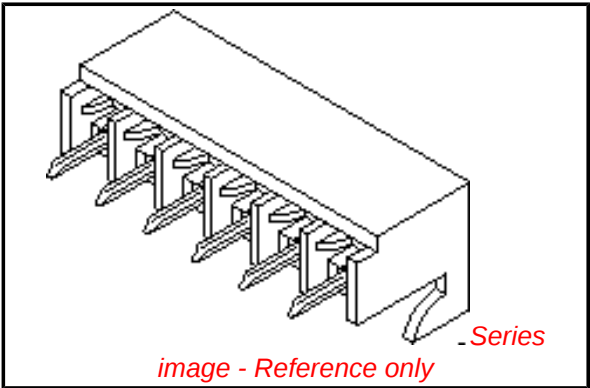
Circuits (Loaded) 12
Color - Resin Natural
Durability (mating cycles max) 25
Flammability 94V-2
Glow-Wire Compliant No
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.110 In
PC Tail Length (mm) 2.79 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.200 In
Pitch - Mating Interface (mm) 5.08 mm
Plating min: Mating (µin) 40.00
Plating min: Mating (µm) 1.000
Plating min: Termination (µin) 40.00
Plating min: Termination (µm) 1.00
Polarized to PCB No
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 7A
Voltage - Maximum 250V

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)



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

[3002Series](#)

Mates With

[3003](#) , [2599](#) , [3008](#)

Material Info

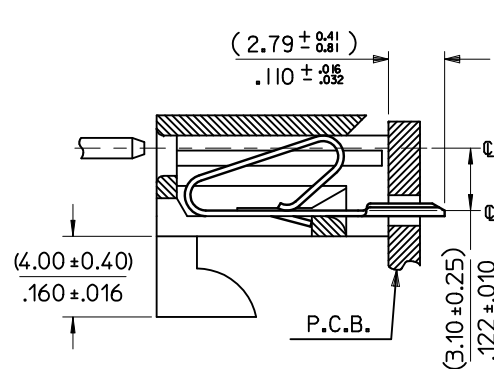
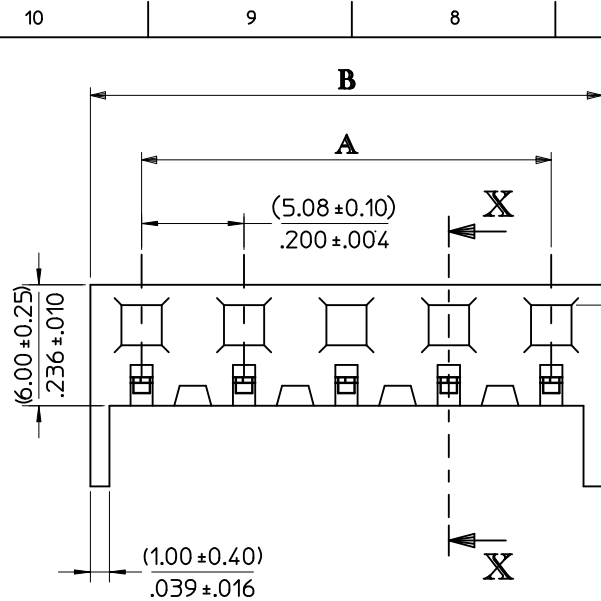
Old Part Number 300212C

Reference - Drawing Numbers

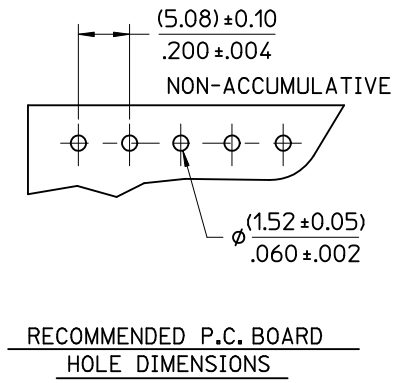
Product Specification PS-99020-0087
Sales Drawing SDAE-3002-NAG, SDAE-3002-NCG

This document was generated on 05/21/2010

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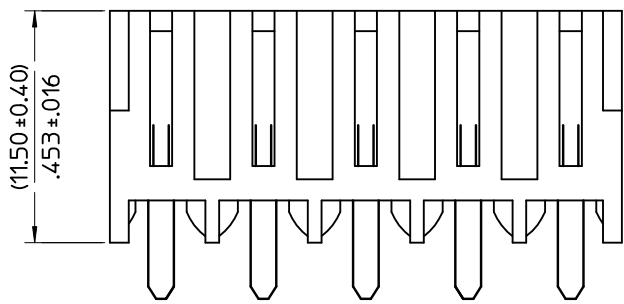
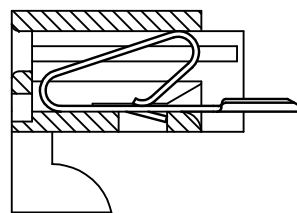


SECTION X-X



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

OPTIONAL CORE



20	10-10-1203	AE-3002-20C	3.800 ± .012	4.000 ± .012	96.52 ± 0.3	101.60 ± 0.3
19	-1193	-19C	3.600 ± .012	3.800 ± .012	91.44 ± 0.3	96.52 ± 0.3
18	-1183	-18C	3.400 ± .012	3.600 ± .012	86.36 ± 0.3	91.44 ± 0.3
17	-1173	-17C	3.200 ± .012	3.400 ± .012	81.28 ± 0.3	86.36 ± 0.3
16	-1163	-16C	3.000 ± .010	3.200 ± .012	76.20 ± 0.25	81.28 ± 0.3
15	-1153	-15C	2.800 ± .010	3.000 ± .012	71.12 ± 0.25	76.20 ± 0.3
14	-1143	-14C	2.600 ± .010	2.800 ± .012	66.04 ± 0.25	71.12 ± 0.3
13	-1133	-13C	2.400 ± .010	2.600 ± .012	60.96 ± 0.25	66.04 ± 0.3
12	-1123	-12C	2.200 ± .010	2.400 ± .012	55.88 ± 0.25	60.96 ± 0.3
11	-1113	-11C	2.000 ± .008	2.200 ± .008	50.80 ± 0.20	55.88 ± 0.3
10	-1103	-10C	1.800 ± .008	2.000 ± .008	45.72 ± 0.20	50.80 ± 0.3
9	-1093	-9C	1.600 ± .008	1.800 ± .008	40.64 ± 0.20	45.72 ± 0.3
8	-1083	-8C	1.400 ± .008	1.600 ± .008	35.56 ± 0.20	40.64 ± 0.3
7	-1073	-7C	1.200 ± .008	1.400 ± .008	30.48 ± 0.20	35.56 ± 0.3
6	-1063	-6C	1.000 ± .004	1.200 ± .008	25.40 ± 0.10	30.48 ± 0.3
5	-1053	-5C	.800 ± .004	1.000 ± .006	20.32 ± 0.10	25.40 ± 0.3
4	-1043	-4C	.600 ± .004	.800 ± .006	15.24 ± 0.10	20.32 ± 0.3
3	-1033	-3C	.400 ± .004	.600 ± .006	10.16 ± 0.10	15.24 ± 0.3
2	10-10-1023	AE-3002-2C	.200 ± .004	.400 ± .006	5.08 ± 0.10	10.16 ± 0.3
No OF CIRCUITS	PART No.	ENG. No.	A	B	A	B
			ENGLISH		METRIC	

- NOTES:
- HOUSING : NYLON, UL94V-2, COLOR: NATURAL
TERMINAL : PHOSPHOR BRONZE
 - FINISH: HOT TIN DIP. (0.00254)/.000100 MIN
 - PRODUCT SPECIFICATION : PS-99020-0087
 - PACKAGING SPECIFICATION : TBD
 - HOUSING SUITABLE FOR (1.14±0.15)/.045±.006 RD OR SQ. PINS
 - HOOKS AVAILABLE ON ENDS ONLY
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002

ADD/REVISE NOTES EC NO: UCP2011-0101 DRWN:MK/PPER 2010/08/10 CHKD:MK/PPER 2010/08/26 APPR:FSM/TH 2010/08/27 K1	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.35</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± 0.25	± .010	2 PLACES	± 0.35	± .014	1 PLACE	± ---	± ---	DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH																	
			4 PLACES	± ---	± ---																	
			3 PLACES	± 0.25	± .010																	
			2 PLACES	± 0.35	± .014																	
1 PLACE	± ---	± ---																				
DRAWN BY: P MOORE DATE: 1998/09/14		TITLE: KONEKTCON & P.C. TAIL TERMINAL ASSEMBLY (5.08)/.200 PITCH																				
CHECKED BY: MGOONEY DATE: 1999/03/08		MOLEX INCORPORATED																				
APPROVED BY: MWILHITE DATE: 1999/03/08		MOLEX INCORPORATED																				
MATERIAL NO. SEE CHART		DOCUMENT NO. SDAE-3002-NC-*																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 2																		



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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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