![molex logo] **molex**
one company › a world of innovation

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	**0010011024**
Status:	**Active**
Overview:	kk
Description:	5.08mm (.200") Pitch KK® Crimp Terminal Housing, 2 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	Crimp Housings
Series	3001
Overview	kk
Product Name	KK®

Physical

|	
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Temperature Range - Operating	-40°C to +105°C

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)

Material Info

Old Part Number	3001-02

Reference - Drawing Numbers

Product Specification	PS-99020-0087
Sales Drawing	SD-91813-001, SDE-3001-N-*

Series
image - Reference only
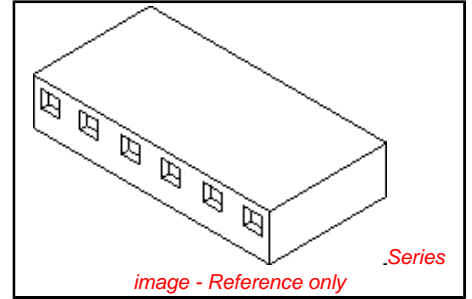
EU RoHS	**China RoHS**
ELV and RoHS Compliant	

REACH SVHC
Not Reviewed

Halogen-Free Status
Halogen-Free

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
3001Series

Mates With
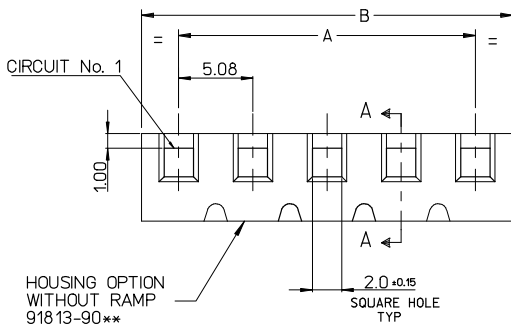3061 , 3003 , 3008

Use With
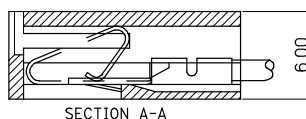2478 Crimp Terminals for 18-24 AWG, 2578
Crimp Terminals for 22-26 AWG, 2878
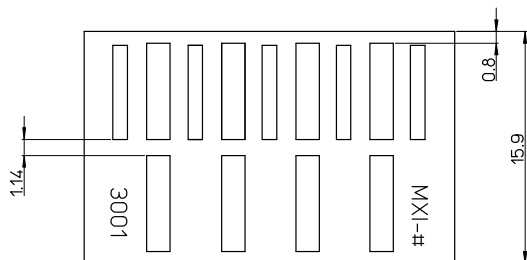
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

CKT. SIZE	PART NO. WITHOUT RAMP	PART NO. WITH RAMP	DIMENSION A	DIMENSION B
20	91813-9020	91813-9120	96.52 ±.3	101.60 ±.3
19	-9019	-9119	91.44 ±0.3	96.52 ±.3
18	-9018	-9118	86.36 ±0.3	91.44 ±.3
17	-9017	-9117	81.28 ±0.3	86.36 ±.3
16	-9016	-9116	76.20 ±0.25	81.28 ±.3
15	-9015	-9115	71.12 ±0.25	76.20 ±.3
14	-9014	-9114	66.04 ±0.25	71.12 ±.3
13	-9013	-9113	60.96 ±0.25	66.04 ±.3
12	-9012	-9112	55.88 ±0.25	60.96 ±.3
11	-9011	-9111	50.80 ±0.20	55.88 ±.3
10	-9010	-9110	45.72 ±0.20	50.80 ±.3
9	-9009	-9109	40.64 ±0.20	45.72 ±.3
8	-9008	-9108	35.56 ±0.20	40.64 ±.3
7	-9007	-9107	30.48 ±0.20	35.56 ±.3
6	-9006	-9106	25.40 ±0.10	30.48 ±.3
5	-9005	-9105	20.32 ±0.10	25.40 ±.15
4	-9004	-9104	15.24 ±0.10	20.32 ±.15
3	-9003	-9103	10.16 ±0.10	15.24 ±.15
2	91813-9002	91813-9102	5.08 ±0.10	10.16 ±.15

B
A
= 5.08 =
CIRCUIT No. 1
1.00
1.14 REF. ROUND OR SQUARE PIN.

A

A
HOUSING OPTION WITHOUT RAMP 91813-90**
2.0 ±0.15
SQUARE HOLE TYP

SECTION A-A
6.00

0.8
1.14
3001
15.9
MXI-#

HOUSING OPTION WITH RAMP 91813-91**
B
B
CIRCUIT No. 1
7.47

2.54
30°
SECTION B-B

NOTE:
1. MATERIAL: POLAMIDE (PA6), UL-94 V-2
   COLOUR WHITE
2. THIS HOUSING USES KK TERM. No's. 2478, 2578 & 2878
3. COLOUR VARIATION MAY BE VISIBLE ON THE HOUSING SURFACES
4. PRODUCT SPECIFICATION: PS-99020-0087

ADDED PROD. SPEC
EC NO: E2008-0301
DRWN:J.KIERNAN   2008/02/04
CHKD: 2008/02/06
APPR:BMAGUIRE   2008/02/07
REV: B
DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 7:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DWASZKIEWICZ   DATE: 2006/06/08
CHECKED BY: J.DENNEHY   DATE
APPROVED BY: J.DENNEHY   DATE

TITLE: 5.08MM KK CRP TERM HSG GLOW WIRE COMPATIBLE
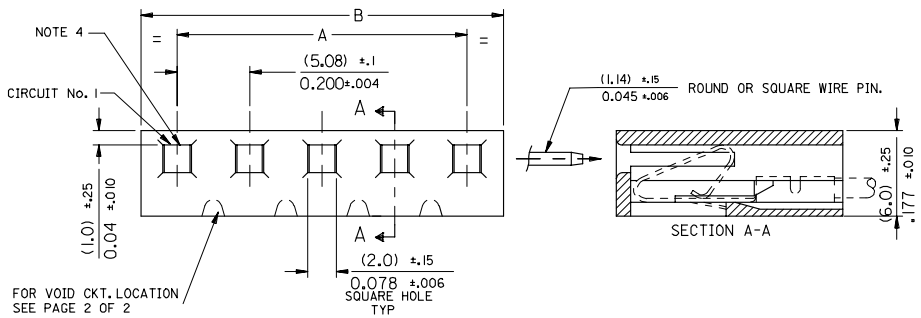
molex   MOLEX INCORPORATED
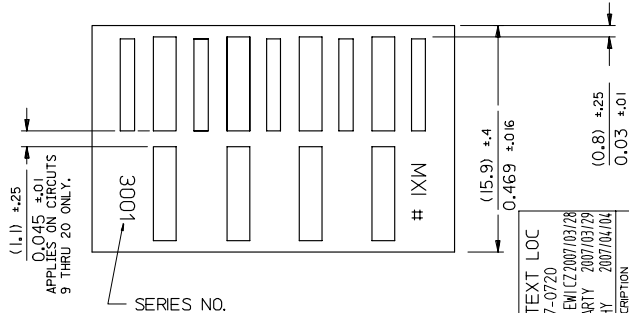
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-91813-001
SIZE: A3
SHEET NO.: 1 OF 1

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

tb_frame_A3_P_ME_T Rev. D 2004/04/02

10	9	8	7	6	5	4	3	2	1

OPTIONAL WINDOW DETAIL

A ←
A ←

SECTION A-A
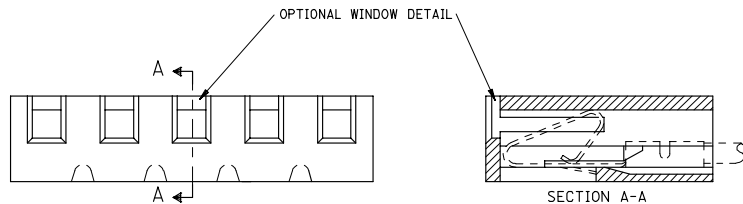
NOTE :
1. DIMENSIONS SHOWN MILLIMETERS / INCHES
2. FOR OTHER PRODUCT SPEC'S. SEE PSX 10-39.
3. THIS HOUSING USES KK TERM. No's. 2478, 2578 & 28

NOTE 4

B
A
=   =

(5.08) ±.1
0.200 ±.004

CIRCUIT No. 1

(1.14) ±.15
0.045 ±.006   ROUND OR SQUARE WIRE PIN.

A ←

A ←

(1.0) ±.25
0.04 ±.010

FOR VOID CKT. LOCATION
SEE PAGE 2 OF 2

(2.0) ±.15
0.078 ±.006
SQUARE HOLE
TYP

SECTION A-A

(6.0) ±.25
.177 ±.010

CENTER RIB ONLY

PART No.	ENG. No.	A (ENGLISH)	B (ENGLISH)	A (METRIC)	B (METRIC)
10-01-1204	E-3001-20	3.800 ±.012	4.000	96.52 ±0.3	101.60
-1194	-19	3.600 ±.012	3.800	91.44 ±0.3	96.52
-1184	-18	3.400 ±.012	3.600	86.36 ±0.3	91.44
-1174	-17	3.200 ±.012	3.400	81.28 ±0.3	86.36
-1164	-16	3.000 ±.012	3.200	76.20 ±0.25	81.28
-1154	-15	2.800 ±.010	3.000	71.12 ±0.25	76.20
-1144	-14	2.600 ±.010	2.800	66.04 ±0.25	71.12
-1134	-13	2.400 ±.010	2.600	60.96 ±0.25	66.04
-1124	-12	2.200 ±.010	2.400	55.88 ±0.25	60.96
-1114	-11	2.000 ±.008	2.200	50.80 ±0.20	55.88
-1104	-10	1.800 ±.008	2.000	45.72 ±0.20	50.80
-1094	-9	1.600 ±.008	1.800	40.64 ±0.20	45.72
-1084	-8	1.400 ±.008	1.600	35.56 ±0.20	40.64
-1074	-7	1.200 ±.008	1.400	30.48 ±0.20	35.56
-1064	-6	1.000 ±.004	1.200	25.40 ±0.10	30.48
-1054	-5	.800 ±.004	1.000	20.32 ±0.10	25.40
-1044	-4	.600 ±.004	.800	15.24 ±0.10	20.32
-1034	-3	.400 ±.004	.600	10.16 ±0.10	15.24
-1024	-2	.200 ±.004	.400	5.08 ±0.10	10.16
10-01-1014	E-3001-1		.200		5.08

(1.1) ±.25
0.045 ±.01
APPLIES ON CIRCUITS
9 THRU 20 ONLY.

3001

MIX

(15.9) ±.4
0.469 ±.016

(0.8) ±.25
0.03 ±.01

MAT'L: NYLON

SERIES No.

QUALITY SYMBOLS
▽=0
∇=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	±.010
2 PLACES	±0.25	±.014
1 PLACE	±0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 7:1
DESIGN UNITS: METRIC
⊙ ◁ THIRD ANGLE PROJECTION

DRAWN BY: P.MOORE   DATE: 1998/09/15
CHECKED BY: M GOONEY   DATE: 1999/03/12
APPROVED BY: M WILHITE   DATE: 1999/03/12

TITLE: 5.08MM KK CRP TERM HSG

molex   MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDE-3001-N-*
SHEET NO.: 1 OF 1

SIZE: A3

1b_frame_A3_P_ME_T
Rev. E 2006/04/15

FOR MANUFACTURE IN SINGAPORE ONLY

FOR DIMENSIONS SEE SHEET No.1

VOID CKT. LOCATION		PART No.	ENG. No.	NO OF CKTS.
11		97-00-0919	E-3001-12-11	12
2		NOT TOOLED	E-3001-7-2	7
3	I	10-01-1080	-8-3	8
5	I	-3085	-8-5	8
4	I	-3044	-4-4	4
3	I	-1030	-3-3	3
2		-1049	-4-2	4
2		-1109	-10-2	10
2		-1099	-9-2	9
5		10-01-1069	E-3001-6-5	6

REDRAWN ON CAD
EC NO. E90109
DRWN: P.MOORE 98/09/19
CHK: / /
APPR: / /
REV K
DESCRIPTION

QUALITY SYMBOLS
MAJOR ▼ =
CRITICAL C =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.

ANGULAR: ± 1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE :

DESIGN UNITS ☐mm ☐INCH

THIRD ANGLE PROJECTION

DIMENSIONS: ☒mm/INCH ☐INCH/mm ☐mm ONLY

SHT   REV
REVISE ON CAD ONLY

DRAWN BY & DATE P.MOORE 98/09/19
CHECKED BY & DATE MGOONEY 12/03/99
APPROVED BY & DATE MWILHITE 12/03/99
CAD FILENAME PM19.DGN

TITLE: HOUSING, CONNECTOR, KK (5.08)/.200 CRIMP STYLE TERM.

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SDE-3001-N-*
SHEET NO. 2 OF

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

SIZE B

7132-1283