

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0026112093

Status:

Active

Overview:

kk

Description:

3.96mm (.156") Pitch KK® PC Board Connector, Top Entry, Nylon Connector, 1.0µm (40µ") Tin (Sn), 9 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0087 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Receptacles

3215

Board-to-Board

kk

KK®

Physical

Circuits (Loaded)

Color - Resin

Glow-Wire Compliant

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

9

Natural

No

Yes

Yes

Phosphor Bronze

Tin

Tin

Nylon

1

Vertical

0.120 In

3.05 mm

No

None

0.062 In

1.60 mm

Bag

0.156 In

3.96 mm

40.00

1.000

40.00

1.00

No

0°C to +75°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

5A

250V

Solder Process Data

Lead-free Process Capability

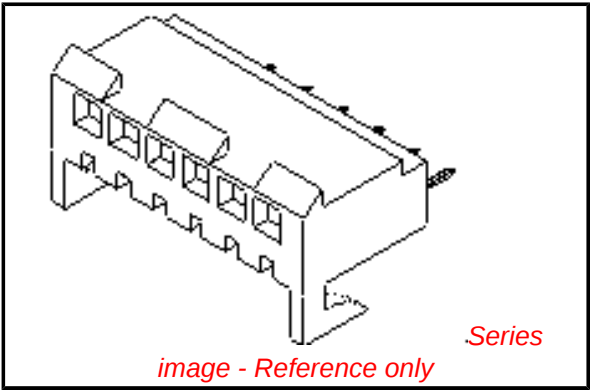
Wave Capable (TH only)

Material Info

Old Part Number

3215HR09AC

Reference - Drawing Numbers



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed



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.

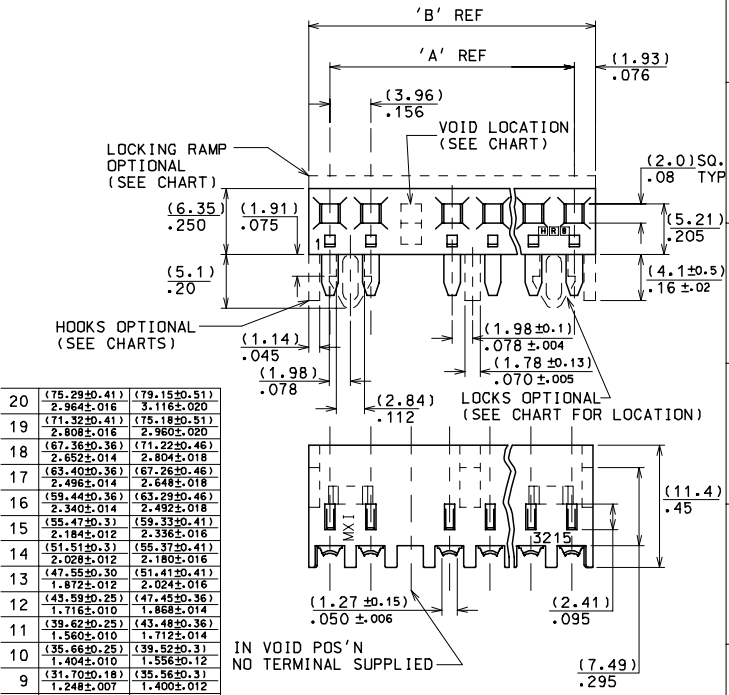
Search Parts in this Series

3215Series

This document was generated on 06/08/2010

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20	(75.29±0.41)	(79.15±0.51)
	2.964±.016	3.116±.020
19	(71.32±0.41)	(75.18±0.51)
	2.808±.016	2.960±.020
18	(67.36±0.36)	(71.22±0.46)
	2.652±.014	2.804±.018
17	(63.40±0.36)	(67.26±0.46)
	2.496±.014	2.648±.018
16	(59.44±0.36)	(63.29±0.46)
	2.340±.014	2.492±.018
15	(55.47±0.3)	(59.33±0.41)
	2.184±.012	2.336±.016
14	(51.51±0.3)	(55.37±0.41)
	2.028±.012	2.180±.016
13	(47.55±0.30)	(51.41±0.41)
	1.872±.012	2.024±.016
12	(43.59±0.25)	(47.45±0.36)
	1.716±.010	1.868±.014
11	(39.62±0.25)	(43.48±0.36)
	1.560±.010	1.712±.014
10	(35.66±0.25)	(39.52±0.3)
	1.404±.010	1.556±.012
9	(31.70±0.18)	(35.56±0.3)
	1.248±.007	1.400±.012
8	(27.74±0.18)	(31.60±0.3)
	1.092±.007	1.244±.012
7	(23.77±0.18)	(27.64±0.3)
	.9360±.007	1.088±.012
6	(19.81±0.13)	(23.67±0.25)
	.7800±.005	.9320±.011
5	(15.85±0.13)	(19.71±0.25)
	.6240±.005	.7760±.010
4	(11.89±0.13)	(15.75±0.25)
	.4680±.005	.6200±.010
3	(7.92±0.13)	(11.79±0.25)
	.312±.005	.4640±.010
No OF CCTS	DIM. 'A'	DIM. 'B'



- IN VOID POS'N
NO TERMINAL SUPPLIED
- NOTES:
1. THESE ASSEMBLIES STACKABLE END TO END ON (3.96)/.156 CENTRE TO CENTRE PROGRESSION.
 2. FOR CHARTS & PANEL DRILLING DETAILS SEE SHEET 2 AND SUBSEQUENT SHEETS.
 3. TERMINAL PULL OUT FORCE- 4lbs MIN.
 4. TERMINALS ARE LUBRICATED WITH MXI-3.
 5. CONNECTORS FOR USE WITH (1.14)/.045 SQ. OR RD. PINS
 6. THIS PART CONFORMS TO PROD.SPEC.99020-0087

TERMINAL STYLE → A

HOUSING STYLE ↓ C

CR

H

HR

L

LR

REVISION UP-DATE

E2004-0792

P3E8AHN 000008

25

36

1/2

B

WITH RAMP

WITH HOOKS

WITH HOOKS & RAMP

WITH LOCKS

WITH LOCKS & RAMP

4 : 1 x

G. HART 24/11/82

M GOONEY 26/11/98

MWILHITE 26/11/98

SE32151 .DGN SEE CHART SDAE-3215-***N*** I OF 11

C

DIM 'C'

(1.57±0.18)

.062 ±.007

(2.5)

.10

30°

WITH RAMP

WITH HOOKS

WITH HOOKS & RAMP

WITH LOCKS

11 ZA

10 Z

9 Z

8 Z

7 Z

6 Z

5 ZA

4 ZA

3 ZA

2 Y

1 ZB

x

CONNECTOR, K-K (3.96)/.156 WITH OR WITHOUT LOCKING WITH P.C. TAIL TERMINALS

SHT. 1 OF 1			MRI - SDAE-3215-***N***		
MODIFICATION RECORD INDEX					
ECN	ISS.	DATE	INIT.	SHTS. AFFECTED	DESCRIPTION OF MOD.
MESL-077	F	2 .12.82	GH	ALL	REDRAW
MEML-112	G	26.4 .83	GH	ALL	REVISION
MEML-594	H	6 .6 .83	GH	ALL	VARIOUS
MEML-608	J	21.6 .83	GH	ALL	VARIOUS
MEML-681	K	31.8 .83	MAL	ALL	VARIOUS
MEML-901	L	25.6 .84	MC	ALL	VARIOUS
MEML-382	M	2 .10.84	MC	ALL	VARIOUS
MEML-509	N	29.5 .85	MC	ALL	VARIOUS
MEML-510	P	31.5 .85	MC	ALL	VARIOUS
MEML-1162	R	25.11.85	JP	ALL	VARIOUS
MEML-617	S	9 .1.86	MC	ALL	VARIOUS
MEML-625	T	20.1.86	MC	ALL	VARIOUS
E10010	U	11.1.91	POB	ALL	VARIOUS
E10018	V	18.1.91	POB	ALL	VARIOUS
E50203	W	08.12.94	JS	ALL	VARIOUS
E90137	Y	1.11.98	TM	ALL	REDRAWN ON CAD
E2001-0463	Z	1.11.00	MF	1,3,4,5,6,7,8,9,10,11	UPDATED BORDER
E2003-0992	ZA	03.05.29	PS	I	NEW PROD.SPEC.99020-0087 ADDED
MOLEX EUROPE			REVISE ONLY ON CAD SYSTEM		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. IT SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			CADDWG FILENAME		ISSUE
MF00028			SE32151 . DGN		ZA

I3		I2		I1		I0		9		8		7		6		5		4		3		2		1															
PART No.		ENG No.		No. OF CCTS	LOCK RAMP	VOID CCT POS'N			PART No.		ENG No.		No. OF CCTS	LOCK RAMP	VOID CCT POS'N	CENTRE HOOK LOCATED BETWEEN CCT No's		PART No.		ENG No.		No. OF CCTS	LOCK RAMP	VOID CCT POS'N	CENTRE HOOK LOCATED BETWEEN CCT No's		PART No.		ENG No.		No. OF CCTS	LOCK RAMP	VOID CCT POS'N	CENTRE HOOK LOCATED BETWEEN CCT No's		SEE CHART		DRAWING NO. SDAE-3215-***N***	
26-11-1034		AE-3215-CR3AC		3	YES	NONE			26-11-2038		AE-3215-HR3AC		3	NO	NONE	_____		26-11-2033		AE-3215-HR3AC			YES	NONE	_____		26-11-2044		AE-3215-L4AC		4	NO	NONE	1&2 3&4					
↑ -1044		↑ -CR4AC		4	↑	↑			↑ -2048		↑ -H4AC		4	↑	↑	_____		↑ -2043		↑ -HR4AC		4	↑	↑	_____														
-1054		-CR5AC		5					-2058		-H5AC		5			_____		-2053		-HR5AC		5			_____		↑ -2054		↑ -L5AC		5	↑	↑	1&2 4&5					
-1064		-CR6AC		6					-2068		-H6AC		6			_____		-2063		-HR6AC		6			_____		-2064		-L6AC		6			1&2 5&6					
-1074		-CR7AC		7					-2078		-H7AC		7			_____		-2073		-HR7AC		7			_____		-2074		-L7AC		7			1&2 6&7					
-1084		-CR8AC		8					-2088		-H8AC		8			4&5		-2083		-HR8AC		8			4&5		-2084		-L8AC		8			1&2 7&8					
-1094		-CR9AC		9					-2098		-H9AC		9			4&5		-2093		-HR9AC		9			4&5		-2094		-L9AC		9			1&2 5&6 8&9					
-1104		-CR10AC		10					-2108		-H10AC		10			5&6		-2103		-HR10AC		10			5&6		-2104		-L10AC		10			1&2 5&6 9&10					
-1114		-CR11AC		11					-2118		-H11AC		11			5&6		-2113		-HR11AC		11			5&6		-2114		-L11AC		11			1&2 6&7 10&11					
-1124		-CR12AC		12					-2128		-H12AC		12			4&5 8&9		-2123		-HR12AC		12			4&5 8&9		-2124		-L12AC		12			1&2 6&7 11&12					
-1134		-CR13AC		13					-2138		-H13AC		13			4&5 9&10		-2133		-HR13AC		13			4&5 9&10		-2134		-L13AC		13			1&2 6&7 12&13					
-1144		-CR14AC		14					-2148		-H14AC		14			5&6 9&10		-2143		-HR14AC		14			5&6 9&10		-2144		-L14AC		14			1&2 7&8 13&14					
-1154		-CR15AC		15					-2158		-H15AC		15			5&6 10&11		-2153		-HR15AC		15			5&6 10&11		-2154		-L15AC		15			1&2 7&8 14&15					
-1164		-CR16AC		16					-2168		-H16AC		16			6&7 11&12		-2163		-HR16AC		16			6&7 11&12		-2164		-L16AC		16			1&2 7&8 15&16					
-1174		-CR17AC		17					-2178		-H17AC		17			6&7 11&12		-2173		-HR17AC		17			6&7 11&12		-2174		-L17AC		17			1&2 7&8 16&17					
-1184		-CR18AC		18					-2188		-H18AC		18			6&7 10&11 15&16		-2183		-HR18AC		18			6&7 10&11 15&16		-2184		-L18AC		18			1&2 8&9 17&18					
↓ -1194		↓ -CR19AC		19	↓	↓			↓ -2198		↓ -H19AC		19	↓	↓	5&6 10&11 15&16		↓ -2193		↓ -HR19AC		19	↓	↓	5&6 10&11 15&16		↓ -2194		↓ -L19AC		19	↓	↓	1&2 8&9 18&19					
26-11-2204		AE-3215-CR20AC		20	YES	NONE			26-11-2208		AE-3215-HR20AC		20	NO	NONE	5&6 10&11 15&16		26-11-2203		AE-3215-HR20AC		20	YES	NONE	5&6 10&11 15&16		26-11-2204		AE-3215-L20AC		20	NO	NONE	1&2 9&10 19&20					
									38-00-0240		AE-3215-H6AC-51		6	NO	3,4	_____		38-00-0046		AE-3215-HR11AC-51		11	YES	3,6,9	5&6														
									38-00-0241		AE-3215-H13AC-7		13	NO	7	4&5 9&10		38-00-0059		AE-3215-HR6AC-51		6	YES	3,4	_____														
									38-00-0376		AE-3215-H11AC-51		11	NO	3,6,9	5&6		38-00-0060		AE-3215-HR13AC-7		13	YES	7	4&5 9&10		38-00-0061		AE-3215-HR13AC-51		13	YES	2,4,6 8,10,12	4&5 9&10					
													</																										