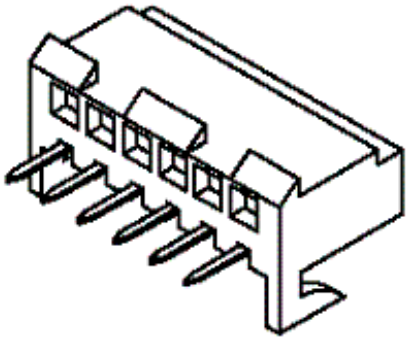
This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0026116155
Status: Active
Overview: kk
Description: 3.96mm (.156") Pitch KK® PC Board Connector, Bottom Entry, Nylon Connector, 1.0µm (40µ") Tin (Sn), 15 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-99020-0087 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	3215
Application	Board-to-Board
Overview	kk
Product Name	KK®

Physical

Circuits (Loaded)	15
Color - Resin	Natural
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Bottom Entry
PC Tail Length (in)	0.160 In
PC Tail Length (mm)	4.06 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
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	5A
Voltage - Maximum	250V

Material Info

Old Part Number	3215HR15BB

Reference - Drawing Numbers

Product Specification	PS-99020-0087
Sales Drawing	SDAE-3215-**N**-**

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

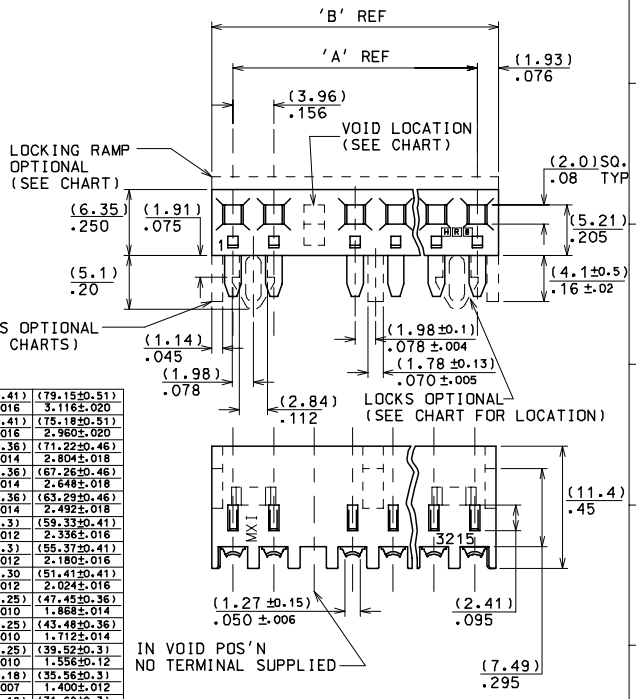
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
3215Series

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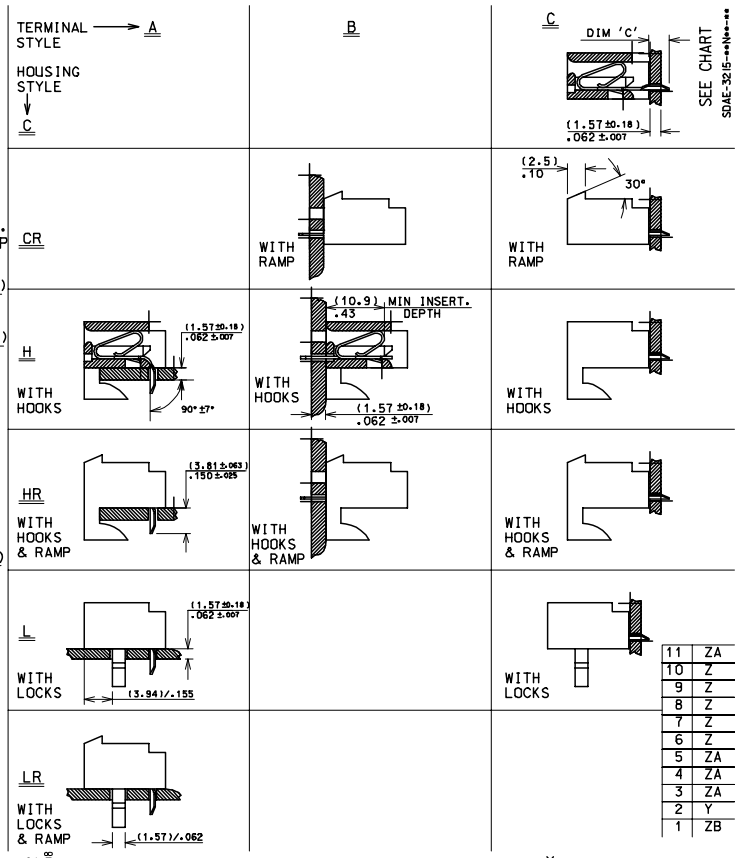
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



No OF CCTS	DIM. 'A'	DIM. 'B'
20	(75.29±0.41) 2.964±.016	(79.15±0.51) 3.116±.020
19	(71.32±0.41) 2.808±.016	(75.18±0.51) 2.960±.020
18	(67.36±0.36) 2.652±.014	(71.22±0.46) 2.804±.018
17	(63.40±0.36) 2.496±.014	(67.26±0.46) 2.648±.018
16	(59.44±0.36) 2.340±.014	(63.29±0.46) 2.492±.018
15	(55.47±0.3) 2.184±.012	(59.33±0.41) 2.336±.016
14	(51.51±0.3) 2.028±.012	(55.37±0.41) 2.180±.016
13	(47.55±0.30 1.872±.012	(51.41±0.41) 2.024±.016
12	(43.59±0.25) 1.716±.010	(47.45±0.36) 1.868±.014
11	(39.62±0.25) 1.560±.010	(43.48±0.36) 1.712±.014
10	(35.66±0.25) 1.404±.010	(39.52±0.3) 1.556±0.12
9	(31.70±0.18) 1.248±.007	(35.56±0.3) 1.400±.012
8	(27.74±0.18) 1.092±.007	(31.60±0.3) 1.244±.012
7	(23.77±0.18) .9360±.007	(27.64±0.3) 1.088±.012
6	(19.81±0.13) .7800±.005	(23.67±0.25) .9320±.101
5	(15.85±0.13) .6240±.005	(19.71±0.25) .7760±.010
4	(11.89±0.13) .4680±.005	(15.75±0.25) .6200±.010
3	(7.92±0.13) .312±.005	(11.79±0.25) .4640±.010

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 MX1-3.
5. CONNECTORS FOR USE WITH (1.14)/.045 SQ. OR RD. PINS
6. THIS PART CONFORMS TO PROD.SPEC.99020-0087



11	ZA
10	Z
9	Z
8	Z
7	Z
6	Z
5	ZA
4	ZA
3	ZA
2	Y
1	ZB

REVISION UP-DATE E2004-0792 PSHEAHAN 04/03/08

4 : 1 ×

G. HART 24/11/82

M GOONEY 26/11/98

MWILHITE 26/11/98

1/2

SE32151 .DGN SEE CHART SDAE-3215-**N**-** 1 OF 11

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

25 010
36 014

ZB

SHT. 1 OF 1 | MR1-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	1	NEW PROD.SPEC.99020-0087 ADDED

MOLEX EUROPE | REVISE ONLY ON CAD SYSTEM

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CADCAM FILENAME SE32151 .DGN | ISSUE ZA

PART No.	ENG No.	No. OF CCTS	LOCK RAMP	VOID CCT POS'N	
26-11-6038	AE-3215-CR3BB	3	YES	NONE	
-6048	-CR4BB	4			
-6058	-CR5BB	5			
-6068	-CR6BB	6			
-6078	-CR7BB	7			
-6088	-CR8BB	8			
-6098	-CR9BB	9			
-6108	-CR10BB	10			
-6118	-CR11BB	11			
-6128	-CR12BB	12			
-6138	-CR13BB	13			
-6148	-CR14BB	14			
-6158	-CR15BB	15			
-6168	-CR16BB	16			
-6178	-CR17BB	17			
-6188	-CR18BB	18			
-6198	-CR19BB	19			
26-11-6208	AE-3215-CR20BB	20	YES	NONE	

PART No.	ENG No.	No. OF CCTS	LOCK RAMP	VOID CCT POS'N	CENTRE HOOK LOCATED BETWEEN CCT No's
26-11-6039	AE-3215-H3BB	3	NO	NONE	———
-6049	-H4BB	4			———
-6059	-H5BB	5			———
-6069	-H6BB	6			———
-6079	-H7BB	7			———
-6089	-H8BB	8			4&5
-6099	-H9BB	9			4&5
-6109	-H10BB	10			5&6
-6119	-H11BB	11			5&6
-6129	-H12BB	12			4&5 8&9
-6139	-H13BB	13			4&5 9&10
-6149	-H14BB	14			5&6 9&10
-6159	-H15BB	15			5&6 10&11
-6169	-H16BB	16			6&7 11&12
-6179	-H17BB	17			6&7 11&12
-6189	-H18BB	18			6&7 10&11 15&16
-6199	-H19BB	19			5&6 10&11 15&16
26-11-6209	AE-3215-H20BB	20	NO	NONE	5&6 10&11 15&16

PART No.	ENG No.	No. OF CCTS	LOCK RAMP	VOID CCT POS'N	CENTRE HOOK LOCATED BETWEEN CCT No's
26-11-6035	AE-3215-HR3BB	3	YES	NONE	———
-6045	-HR4BB	4			———
-6055	-HR5BB	5			———
-6065	-HR6BB	6			———
-6075	-HR7BB	7			———
-6085	-HR8BB	8			4&5
-6095	-HR9BB	9			4&5
-6105	-HR10BB	10			5&6
-6115	-HR11BB	11			5&6
-6125	-HR12BB	12			4&5 8&9
-6135	-HR13BB	13			4&5 9&10
-6145	-HR14BB	14			5&6 9&10
-6155	-HR15BB	15			5&6 10&11
-6165	-HR16BB	16			6&7 11&12
-6175	-HR17BB	17			6&7 11&12
-6185	-HR18BB	18			6&7 10&11 15&16
-6195	-HR19BB	19			5&6 10&11 15&16
26-11-6205	AE-3215-HR20BB	20	YES	NONE	5&6 10&11 15&16
38-00-0545	AE-3215-HR17BB-51	17	YES	3,6,9 12,15	6&7 11&12
38-00-0546	AE-3215-HR8BB-51	8	YES	3,6	4&5

PART No.	ENG No.	No. OF CCTS	LOCK RAMP	VOID CCT POS'N	CENTRE HOOK LOCATED BETWEEN CCT No's
26-11-2031	AE-3215-C3AC	3	NO	NONE	
-2041	-C4AC	4			
-2051	-C5AC	5			
-2061	-C6AC	6			
-2071	-C7AC	7			
-2081	-C8AC	8			
-2091	-C9AC	9			
-2101	-C10AC	10			
-2111	-C11AC	11			
-2121	-C12AC	12			
-2131	-C13AC	13			
-2141	-C14AC	14			
26-11-2151	-C15AC	15			
NOT TOOLED	-C16AC	16			
	-C17AC	17			
	-C18AC	18			
	-C19AC	19			
NOT TOOLED	AE-3215-C20AC	20	NO	NONE	

PART NO. SEE CHART
DWG NO. SDAE-3215-**N**-**

HOUSING.
STYLE- CR

TERMINAL.
STYLE- B

DRILLING DETAIL 'B'
(SEE SHEET 2)

HOUSING.
STYLE- H

TERMINAL.
STYLE- B

DRILLING DETAIL 'B'

HOUSING.
STYLE- HR

TERMINAL.
STYLE- B

DRILLING DETAIL 'B'

HOUSING.
STYLE- C

TERMINAL.
STYLE- C

DRILLING DETAIL 'D'

NOTES:

1. TERMINAL MUST MEET MOLEX SOLDERABILITY SPEC. No. 152.

MATERIAL:

HOUSING- NYLON, 94V-2, COLOUR- NATURAL
TERMINAL- PHOS. BR, PLATING-(P902)
HOT TIN DIP 1-2.5um (.000040"-.000100")

PRE-RELEASE REFERENCE USE ONLY

LEAD FREE CONVERSION
E.C. NO. E2004-0792
DRWN: PSHEAHAN 04/03/04
CH'K:
APPR:
DESCRIPTION
ZA
REV

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 G. HART 24/11/82
CHECKED BY & DATE M GOONEY 26/11/98
APPROVED BY & DATE MWILHITE 26/11/98
CAD FILENAME SE32154.DGN

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

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SDAE-3215-**N**-**
SHEET NO. 4 OF

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SIZE C

7133-1283