

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0026116145

Status:

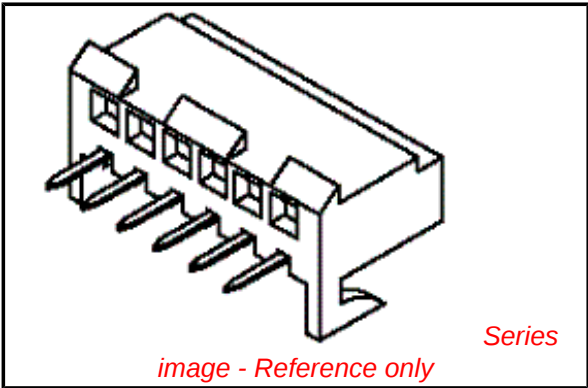
Active

Overview:

kk

Description:

3.96mm (.156") Pitch KK® PC Board Connector, Top Entry, Nylon Connector, 1.0µm (40µ") Tin (Sn), 14 Circuits



Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-99020-0087 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Receptacles
Series	3215
Application	Board-to-Board
Comments	Lock between 5&6 and 9&10 Circuit
Overview	kk
Product Name	KK®
Physical	
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	25
Glow-Wire Compliant	No
Guide to Mating Part	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	Vertical
PC Tail Length (in)	0.161 In
PC Tail Length (mm)	4.10 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Pitch - Term. Interface (in)	0.156 In
Pitch - Term. Interface (mm)	3.96 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 Mating Part	Yes
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +50°C
Termination Interface: Style	Through Hole

Electrical

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

Mates With

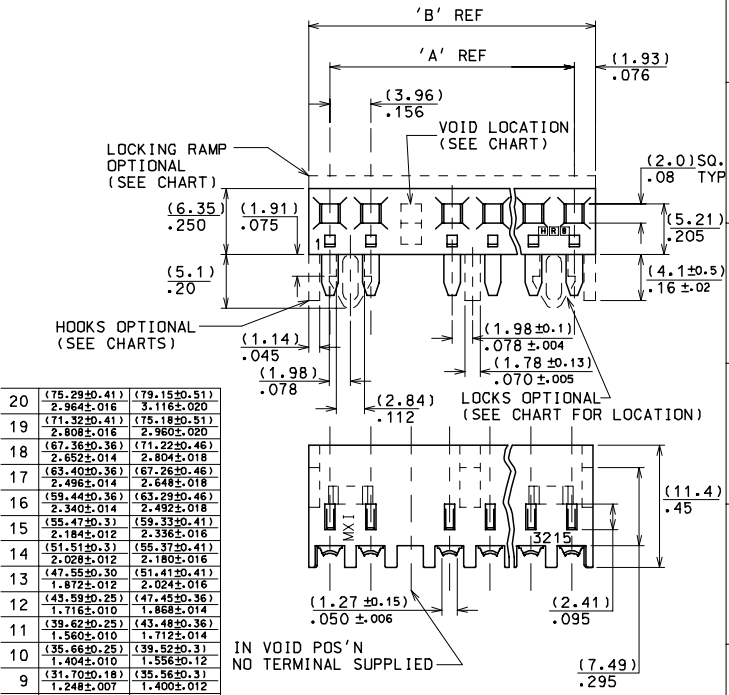
03190 , 03192

Current - Maximum per Contact	4.5A
Grounding to PCB	No
Voltage - Maximum	250V
Material Info	
Old Part Number	3215HR14BB
Reference - Drawing Numbers	
Product Specification	PS-99020-0087
Sales Drawing	SDAE-3215- **N**-**

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'



- 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

TERMINAL STYLE → A

HOUSING STYLE ↓ C

B

C

CR

H

HR

L

LR

WITH RAMP

WITH HOOKS

WITH HOOKS & RAMP

WITH LOCKS

WITH LOCKS & RAMP

(1.93) ±.076

(3.96) ±.156

(2.0) SQ. .08 TYP

(5.21) ±.205

(4.1 ±0.5) ±.16 ±.02

(1.98 ±0.1) ±.078 ±.004

(1.78 ±0.13) ±.070 ±.005

(11.4) ±.45

(7.49) ±.295

(1.27 ±0.15) ±.050 ±.006

(2.41) ±.095

(1.57 ±0.18) ±.062 ±.007

(10.9) MIN INSERT. DEPTH

(1.57 ±0.18) ±.062 ±.007

(3.81 ±0.083) ±.190 ±.025

(1.57 ±0.18) ±.062 ±.007

(3.94) ±.155

(1.57) ±.062

SEE CHART

SDAE-3215-***N***-**

4 : 1 x

G. HART 24/11/82

M GOONEY 26/11/98

MWILHITE 26/11/98

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

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	2 L6 .83	GH	ALL	VARIOUS
MEML-681	K	3 L8 .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	3 L5 .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			CADWORK FILENAME		ISSUE
MF00028			SE32151 . DGN		ZA

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