

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0009503021](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing, Friction Ramp, 2 Circuits

Documents:

3D Model	Product Specification PS-08-50 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	2139
MolexKits	Yes
Overview	kk
Product Name	KK®

Physical

Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Temperature Range - Operating	0°C to +75°C

Material Info

Old Part Number	2139-2A
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Reference - Drawing Numbers

Packaging Specification	PK-2139-001
Product Specification	PS-08-50
Sales Drawing	SD-2139

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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](#)

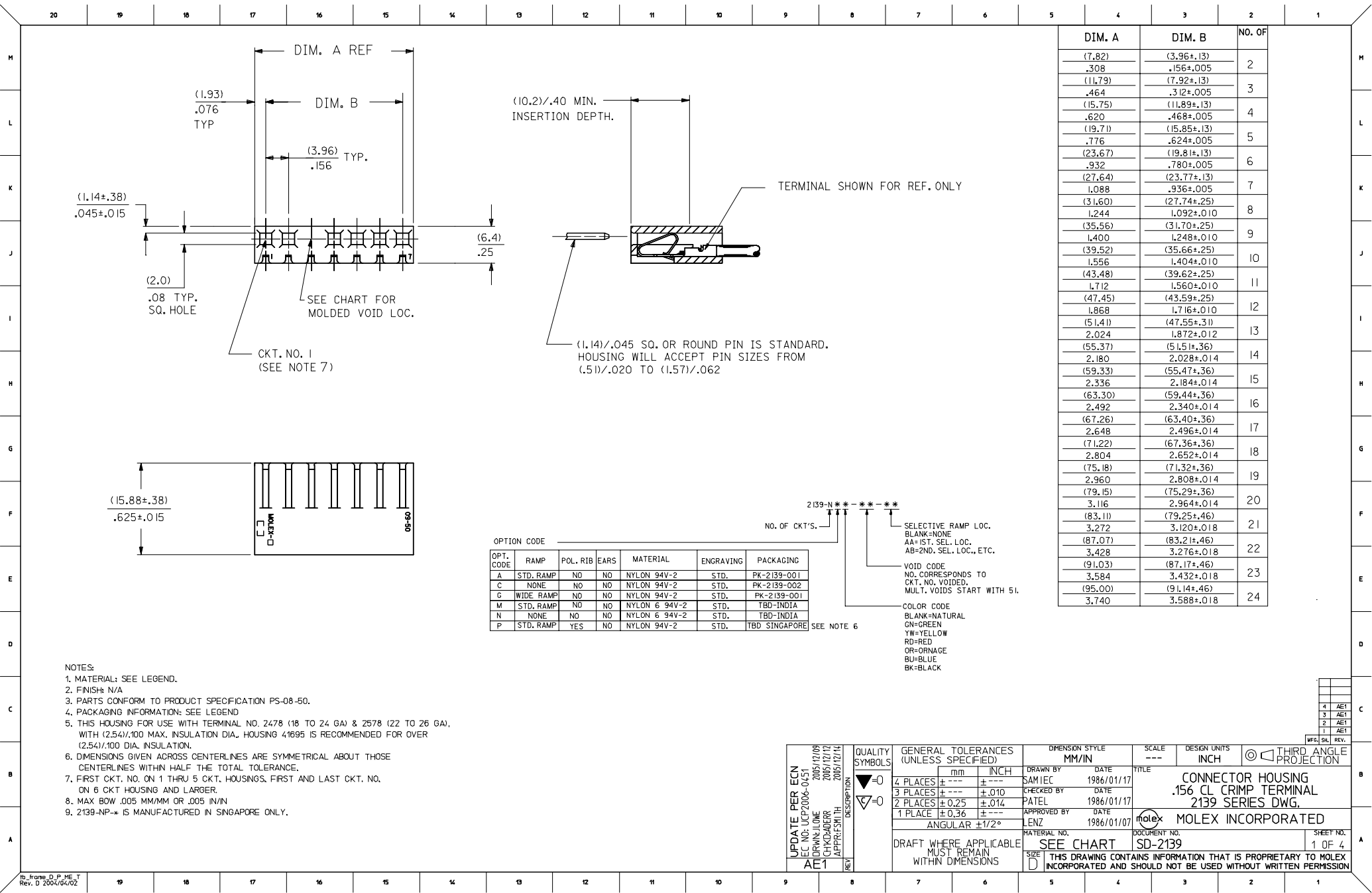
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[2139Series](#)

Use With

[2478 Crimp Terminals for 18-24 AWG](#), [2578 Crimp Terminals for 22-26 AWG](#)



DIM. A	DIM. B	NO. OF
(7.82)	(3.96±.13)	2
.308	.156±.005	
(11.79)	(7.92±.13)	3
.464	.312±.005	
(15.75)	(11.89±.13)	4
.620	.468±.005	
(19.71)	(15.85±.13)	5
.776	.624±.005	
(23.67)	(19.81±.13)	6
.932	.780±.005	
(27.64)	(23.77±.13)	7
1.088	.936±.005	
(31.60)	(27.74±.25)	8
1.244	1.092±.010	
(35.56)	(31.70±.25)	9
1.400	1.248±.010	
(39.52)	(35.66±.25)	10
1.556	1.404±.010	
(43.48)	(39.62±.25)	11
1.712	1.560±.010	
(47.45)	(43.59±.25)	12
1.868	1.716±.010	
(51.41)	(47.55±.31)	13
2.024	1.872±.012	
(55.37)	(51.51±.36)	14
2.180	2.028±.014	
(59.33)	(55.47±.36)	15
2.336	2.184±.014	
(63.30)	(59.44±.36)	16
2.492	2.340±.014	
(67.26)	(63.40±.36)	17
2.648	2.496±.014	
(71.22)	(67.36±.36)	18
2.804	2.652±.014	
(75.18)	(71.32±.36)	19
2.960	2.808±.014	
(79.15)	(75.29±.36)	20
3.116	2.964±.014	
(83.11)	(79.25±.46)	21
3.272	3.120±.018	
(87.07)	(83.21±.46)	22
3.428	3.276±.018	
(91.03)	(87.17±.46)	23
3.584	3.432±.018	
(95.00)	(91.14±.46)	24
3.740	3.588±.018	

OPTION CODE					
OPT. CODE	RAMP	POL. RIB	EARS	MATERIAL	ENGRAVING
A	STD. RAMP	NO	NO	NYLON 94V-2	STD.
C	NONE	NO	NO	NYLON 94V-2	STD.
G	WIDE RAMP	NO	NO	NYLON 94V-2	STD.
M	STD. RAMP	NO	NO	NYLON 6 94V-2	STD.
N	NONE	NO	NO	NYLON 6 94V-2	STD.
P	STD. RAMP	YES	NO	NYLON 94V-2	STD.

2139-NP-*
NO. OF CKT'S.
SELECTIVE RAMP LOC.
BLANK=NONE
AA=1ST. SEL. LOC.
AB=2ND. SEL. LOC., ETC.
VOID CODE
NO. CORRESPONDS TO CKT. NO. VOIDED.
MULT. VOIDS START WITH 51.
COLOR CODE
BLANK=NATURAL
GN=GREEN
YW=YELLOW
RD=RED
OR=ORANGE
BU=BLUE
BK=BLACK

UPDATE PER ECN
ECN NO: UCP2006-0451
2005/11/09
DRAWN: JUNE
CHKD: ADRI
APPROVED: JH
2005/12/14

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ±.005 ±.002
3 PLACES ±.010 ±.010
2 PLACES ±.025 ±.014
1 PLACE ±.036 ±.008
ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN
DRAWN BY DATE
SAMI EC 1986/01/17
CHECKED BY DATE
PATEL 1986/01/17
APPROVED BY DATE
LENZ 1986/01/07

DIMENSION STYLE
MM/IN
DRAWN BY DATE
SAMI EC 1986/01/17
CHECKED BY DATE
PATEL 1986/01/17
APPROVED BY DATE
LENZ 1986/01/07

SCALE

INCH

DESIGN UNITS
INCH

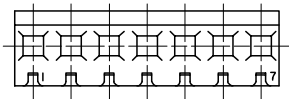
THIRD ANGLE PROJECTION

MATERIAL NO.
DOCUMENT NO.
SD-2139

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

CONNECTOR HOUSING
.156 CL CRIMP TERMINAL
2139 SERIES DWG.
MOLEX INCORPORATED

SHEET NO.
1 OF 4



NO. OF CKT'S.	STANDARD RAMP IS LOCATED ON # OF CKT. NOS.
2	ACROSS ENTIRE PART
3	1,3
4	1,4
5	1,3,5
6	1,3,4,6
7	ACROSS ENTIRE PART
8	1,3,6,8
9	ACROSS ENTIRE PART
10	1,3,5,6,8,10
11	ACROSS ENTIRE PART
12	1,3,5,8,10,12
13	1,3,5,7,9,11,13
14	1,3,5,7,8,10,12,14
15	1,3,5,7,9,11,13,15
16	1,3,5,7,10,12,14,16
17	1,3,5,7,9,11,13,15,17
18	1,3,5,7,9,10,12,14,16,18
19	1,3,5,7,9,11,13,15,17,19
20	1,3,5,7,9,12,14,16,18,20
21	1,3,5,7,9,11,13,15,17,19,21
22	1,3,5,7,9,11,12,14,16,18,20,22
23	1,3,5,7,9,11,13,15,17,19,21,23
24	1,3,5,7,9,11,14,16,18,20,22,24

STD. RAMP OPTION
SEE CHART FOR RAMP LOCATIONS.

2139-NA-*			2139-NC-*		
ORDER NO.	ENG. NO.	VOIDS	ORDER NO.	ENG. NO.	VOIDS
09-50-3021	2139-2A		09-50-7021	2139-2C	
09-50-3031	2139-3A		09-50-7031	2139-3C	
09-50-3041	2139-4A		09-50-7041	2139-4C	
09-50-3051	2139-5A		09-50-7051	2139-5C	
09-50-3061	2139-6A		09-50-7061	2139-6C	
09-50-3071	2139-7A		09-50-7071	2139-7C	
09-50-3081	2139-8A		09-50-7081	2139-8C	
09-50-3091	2139-9A		09-50-7091	2139-9C	
09-50-3101	2139-10A		09-50-7101	2139-10C	
09-50-3111	2139-11A		09-50-7111	2139-11C	
09-50-3121	2139-12A		09-50-7121	2139-12C	
09-50-3131	2139-13A		09-50-7131	2139-13C	
09-50-3141	2139-14A		09-50-7141	2139-14C	
09-50-3151	2139-15A		09-50-7151	2139-15C	
09-50-3161	2139-16A		09-50-7161	2139-16C	
09-50-3171	2139-17A		09-50-7171	2139-17C	
09-50-3181	2139-18A		09-50-7181	2139-18C	
09-50-3191	2139-19A		09-50-7191	2139-19C	
09-50-3201	2139-20A		09-50-7201	2139-20C	
09-50-3211	2139-21A		09-50-7211	2139-21C	
09-50-3221	2139-22A		09-50-7221	2139-22C	
09-50-3231	2139-23A		09-50-7231	2139-23C	
09-50-3241	2139-24A		09-50-7241	2139-24C	
09-50-3036	2139-3A-2	2	09-50-7117	2139-11C-51	2,7,10
	2139-10A-2	2	09-50-7166	2139-16C-2	2
	2139-10A-51	2,5	09-50-7106	2139-10C-2	2
	2139-7A-2	2	09-50-7107	2139-10C-51	2,5
	2139-11A-51	2,7,10	09-50-7076	2139-7C-2	2
09-50-3163	2139-16A-2	2		2139-4C-3	3
09-50-3073	2139-10A-7	7	T 09-50-7108	2139-10C-4	4
09-50-3083	2139-10A-8	8	T 09-50-7109	2139-10C-5	5
09-50-3104	2139-10A-9	9		2139-5C-2	2
09-50-3162	2139-16A-51	2,15	09-50-3077	2139-7C-3	3
09-50-3092	2139-9A-51	2,6	09-50-3078	2139-7C-5	5
09-50-3075	2139-7A-51	1,7	09-50-7142	2139-14C-5	5
	2139-7A-6	6			
	2139-5A-51	2,4			
09-50-3047	2139-4A-3	3			
	2139-11A-2	2			
09-50-3052	2139-5A-4	4			
09-50-3076	2139-7A-52	4,7			
09-50-3125	2139-12A-5	5			
	2139-7A-3	5			
	2139-7A-5	5			
09-50-3053	2139-5A-2	2			
	2139-9A-2	2			
09-50-3127	2139-12A-2	2			
09-50-3143	2139-14A-2	2			
09-50-3202	2139-20A-2	2			
S	2139-9A-4	4			
09-50-3126	2139-12A-11	11			
09-50-3142	2139-14A-13	13			
09-50-3084	2139-8A-4	4			
09-50-3037	2139-3A-3	3			
09-50-3182	2139-18A-2	2			
09-50-3157	2139-15A-2	2			

UPDATE TITLE BLOCK ECN NO: UCC2004-0451 DRAWN LONE 2005/12/09 CHECKED BY CHICKADEER 2005/12/12 APPROVED BY T 2005/12/14		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± .005</td><td>± .0002</td></tr><tr><td>3 PLACES</td><td>± .010</td><td>± .0004</td></tr><tr><td>2 PLACES</td><td>± .025</td><td>± .0010</td></tr><tr><td>1 PLACE</td><td>± .036</td><td>± .0014</td></tr></table> ANGULAR ±1/2°			mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .010	± .0004	2 PLACES	± .025	± .0010	1 PLACE	± .036	± .0014	DIMENSION STYLE MM/IN DRAWN BY DATE SAMIEC 1986/01/17 CHECKED BY DATE PATEL 1986/01/17 APPROVED BY DATE LENZ 1986/01/17		SCALE --- INCH DESIGN UNITS THIRD ANGLE PROJECTION	
	mm	INCH																						
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1 PLACE	± .036	± .0014																						
DESCRIPTION AT1		DRAWN BY SAMIEC 1986/01/17 CHECKED BY PATEL 1986/01/17 APPROVED BY LENZ 1986/01/17		TITLE CONNECTOR HOUSING FOR CRIMP TERMINAL 2139 SERIES DWG.		MOLEX MOLEX INCORPORATED																		
MATERIAL NO. SEE CHART		DOCUMENT NO. SD-2139		SHEET NO. 2 OF 4																				
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																						