

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0026033091

Status:

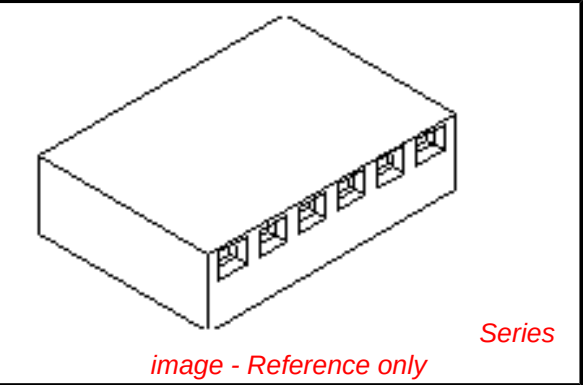
Active

Overview:

kk

Description:

3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, 9 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-40-02 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
General	
Product Family	Crimp Housings
Series	6442
Overview	kk
Product Name	KK®
Physical	
Circuits (maximum)	9
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)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Stackable	No
Temperature Range - Operating	0°C to +75°C

Material Info

Old Part Number

6442-09-Z

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-40-02

SD-6442

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

6442Series

Mates With

Molex 3.96mm (.156") pitch KK® headers

Use With

6838 and 7258 KK® Trifurcon crimp terminals

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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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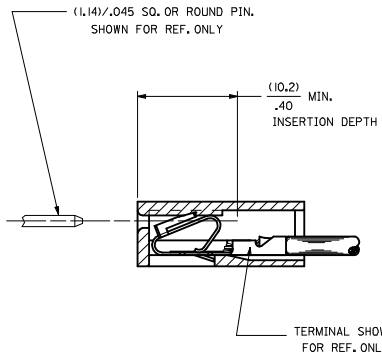
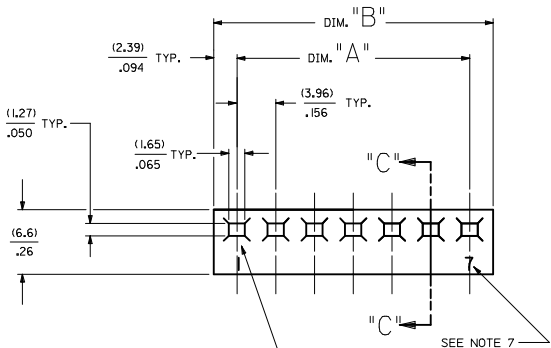
D

C

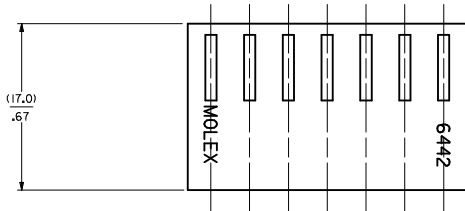
B

A

NO. OF CKT'S.	DIM. A	DIM. B
1	-----	(4.78+.18)
	-----	.188+.007
2	(3.96+.13)	(8.74+.18)
	.156+.005	.344+.007
3	(7.92+.13)	(12.70+.18)
	.312+.005	.500+.007
4	(11.89+.13)	(16.66+.18)
	.468+.005	.656+.007
5	(15.85+.13)	(20.62+.18)
	.624+.005	.812+.007
6	(19.81+.13)	(24.59+.18)
	.780+.005	.968+.007
7	(23.77+.13)	(28.55+.18)
	.936+.005	1.124+.007
8	(27.74+.25)	(32.51+.30)
	1.092+.010	1.280+.012
9	(31.70+.25)	(36.47+.30)
	1.248+.010	1.436+.012
10	(35.66+.25)	(40.44+.30)
	1.404+.010	1.592+.012
11	(39.62+.25)	(44.40+.30)
	1.560+.010	1.748+.012
12	(43.59+.25)	(48.36+.30)
	1.716+.010	1.904+.012
13	(47.55+.30)	(52.32+.36)
	1.872+.012	2.060+.014
14	(51.51+.36)	(56.29+.41)
	2.028+.014	2.216+.016
15	(55.47+.36)	(60.25+.41)
	2.184+.014	2.372+.016
16	(59.44+.36)	(64.21+.41)
	2.340+.014	2.528+.016
17	(63.40+.36)	(68.17+.41)
	2.496+.014	2.684+.016
18	(67.36+.36)	(72.14+.41)
	2.652+.014	2.840+.016
19	(71.32+.36)	(76.10+.41)
	2.808+.014	2.996+.016
20	(75.29+.46)	(80.06+.51)
	2.964+.018	3.152+.020
21	(79.25+.46)	(84.02+.51)
	3.120+.018	3.308+.020
22	(83.21+.46)	(87.99+.51)
	3.276+.018	3.464+.020
23	(87.17+.46)	(91.95+.51)
	3.432+.018	3.620+.020
24	(91.14+.46)	(95.91+.51)
	3.588+.018	3.776+.020



SECTION "C-C"



- NOTES:
1. MATERIAL A: NYLON 6/6 UL94V-2, COLOR: NATURAL
 2. FINISH: N/A
 3. THIS PART COMPLIES WITH PRODUCT SPECIFICATION PS-40-02.
 4. SEE SHEET 2 FOR OPTIONS.
 5. HOUSING SHOWN ABOVE IS STANDARD HOUSING WITH NO OPTIONS.
 6. THIS HOUSING FOR USE WITH TERMINAL NO.,
6438-N, (18-22 GA) WITH (2.79)/.110 MAX. INSULATION DIA.
6838-N, (18-24 GA) WITH (2.79)/.110 MAX. INSULATION DIA.
7258-N, (22-26 GA) WITH (1.65)/.065 MAX. INSULATION DIA.
 7. CIRCUIT SIZE MOLDED ON 4 THRU 24 CIRCUIT HOUSINGS ONLY.
 8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

CODE	HOOKS	SIDE HOOKS	RAMP
BLANK	NONE	NONE	NONE
A	NONE	YES	NONE
R	NONE	NONE	FRICTION
B	NONE	NONE	TYPE B
C	NONE	NONE	TYPE C

6442- * N - * - * - *

- VOLTAGE RATING OPTION
BLANK=NONE
V= 250 VAC* ON HOUSING
- MAT'L. OPTION
BLANK= MATERIAL A (SEE NOTE 1)
- MOLDED VOID CODE
Z=NO VOIDS
A=CKT. 1 VOID,
B=CKT. 2 VOID, ETC.
51=1ST MULTIPLE VOID,
52=2ND MULTIPLE VOID, ETC.

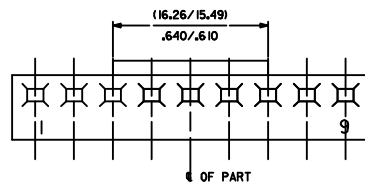
NO. OF CKT'S.

REMOVE D OPTION EC NO: UCP2009-3148 DRAWN BY: DRWNK/PPER CHKD BY: CHYKSS/SEK APPR:FSM/TH REV: J	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---		DRAWN BY: POLGAR DATE: 1986/12/03		TITLE: KK (3.96)/.156 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES			
		3 PLACES ± --- ± .010		CHECKED BY: PATEL DATE: 1986/12/03		MOLEX INCORPORATED			
		2 PLACES ± 0.25 ± .014		APPROVED BY: LENZ DATE: 1986/12/03		MATERIAL NO. SEE CHART DOCUMENT NO. SD-6442			
1 PLACE ± 0.36 ± ---		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

4	J
3	J
2	J
1	J

SH. REV.

CONTINUOUS RAMP ON HOUSINGS UP TO 8 CIRCUITS, AND ON 9 THRU 24 CIRCUITS, RAMPs ARE 4 CIRCUITS LONG, LOCATED AT BOTH ENDS.



Technical drawing of a 6-pin connector showing top and side views with dimensions.

Top View Dimensions:

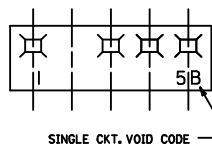
- Pin 1 to Pin 5 distance: (4.45) TYP. (0.175)
- Pin 5 to Pin 6 distance: (6.6) REF. (0.26)

Side View Dimensions:

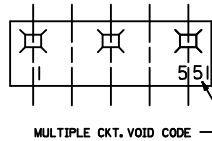
- Pin 1 to Pin 5 distance: (1.52) TYP. (0.060)
- Pin 5 to Pin 6 distance: (3.05) TYP. (0.120)
- Pin 6 to Pin 7 distance: (4.45) TYP. (0.175)
- Pin 7 to Pin 8 distance: (17.0) REF. (0.67)
- Pin 8 to Pin 9 distance: (3.18/3.25) TYP.
- Pin 9 to Pin 10 distance: (1.4) TYP. (0.045)
- Pin 10 to Pin 11 distance: (1.52) TYP. (0.060)
- Pin 11 to Pin 12 distance: (3.05) TYP. (0.120)
- Pin 12 to Pin 13 distance: (4.45) TYP. (0.175)
- Pin 13 to Pin 14 distance: (17.0) REF. (0.67)
- Pin 14 to Pin 15 distance: (3.18/3.25) TYP.
- Pin 15 to Pin 16 distance: (1.4) TYP. (0.045)
- Pin 16 to Pin 17 distance: (1.52) TYP. (0.060)
- Pin 17 to Pin 18 distance: (3.05) TYP. (0.120)
- Pin 18 to Pin 19 distance: (4.45) TYP. (0.175)
- Pin 19 to Pin 20 distance: (17.0) REF. (0.67)
- Pin 20 to Pin 21 distance: (3.18/3.25) TYP.
- Pin 21 to Pin 22 distance: (1.4) TYP. (0.045)
- Pin 22 to Pin 23 distance: (1.52) TYP. (0.060)
- Pin 23 to Pin 24 distance: (3.05) TYP. (0.120)
- Pin 24 to Pin 25 distance: (4.45) TYP. (0.175)
- Pin 25 to Pin 26 distance: (17.0) REF. (0.67)
- Pin 26 to Pin 27 distance: (3.18/3.25) TYP.
- Pin 27 to Pin 28 distance: (1.4) TYP. (0.045)
- Pin 28 to Pin 29 distance: (1.52) TYP. (0.060)
- Pin 29 to Pin 30 distance: (3.05) TYP. (0.120)
- Pin 30 to Pin 31 distance: (4.45) TYP. (0.175)
- Pin 31 to Pin 32 distance: (17.0) REF. (0.67)
- Pin 32 to Pin 33 distance: (3.18/3.25) TYP.
- Pin 33 to Pin 34 distance: (1.4) TYP. (0.045)
- Pin 34 to Pin 35 distance: (1.52) TYP. (0.060)
- Pin 35 to Pin 36 distance: (3.05) TYP. (0.120)
- Pin 36 to Pin 37 distance: (4.45) TYP. (0.175)
- Pin 37 to Pin 38 distance: (17.0) REF. (0.67)
- Pin 38 to Pin 39 distance: (3.18/3.25) TYP.
- Pin 39 to Pin 40 distance: (1.4) TYP. (0.045)
- Pin 40 to Pin 41 distance: (1.52) TYP. (0.060)
- Pin 41 to Pin 42 distance: (3.05) TYP. (0.120)
- Pin 42 to Pin 43 distance: (4.45) TYP. (0.175)
- Pin 43 to Pin 44 distance: (17.0) REF. (0.67)
- Pin 44 to Pin 45 distance: (3.18/3.25) TYP.
- Pin 45 to Pin 46 distance: (1.4) TYP. (0.045)
- Pin 46 to Pin 47 distance: (1.52) TYP. (0.060)
- Pin 47 to Pin 48 distance: (3.05) TYP. (0.120)
- Pin 48 to Pin 49 distance: (4.45) TYP. (0.175)
- Pin 49 to Pin 50 distance: (17.0) REF. (0.67)
- Pin 50 to Pin 51 distance: (3.18/3.25) TYP.
- Pin 51 to Pin 52 distance: (1.4) TYP. (0.045)
- Pin 52 to Pin 53 distance: (1.52) TYP. (0.060)
- Pin 53 to Pin 54 distance: (3.05) TYP. (0.120)
- Pin 54 to Pin 55 distance: (4.45) TYP. (0.175)
- Pin 55 to Pin 56 distance: (17.0) REF. (0.67)
- Pin 56 to Pin 57 distance: (3.18/3.25) TYP.
- Pin 57 to Pin 58 distance: (1.4) TYP. (0.045)
- Pin 58 to Pin 59 distance: (1.52) TYP. (0.060)
- Pin 59 to Pin 60 distance: (3.05) TYP. (0.120)
- Pin 60 to Pin 61 distance: (4.45) TYP. (0.175)
- Pin 61 to Pin 62 distance: (17.0) REF. (0.67)
- Pin 62 to Pin 63 distance: (3.18/3.25) TYP.
- Pin 63 to Pin 64 distance: (1.4) TYP. (0.045)
- Pin 64 to Pin 65 distance: (1.52) TYP. (0.060)
- Pin 65 to Pin 66 distance: (3.05) TYP. (0.120)
- Pin 66 to Pin 67 distance: (4.45) TYP. (0.175)
- Pin 67 to Pin 68 distance: (17.0) REF. (0.67)
- Pin 68 to Pin 69 distance: (3.18/3.25) TYP.
- Pin 69 to Pin 70 distance: (1.4) TYP. (0.045)
- Pin 70 to Pin 71 distance: (1.52) TYP. (0.060)
- Pin 71 to Pin 72 distance: (3.05) TYP. (0.120)
- Pin 72 to Pin 73 distance: (4.45) TYP. (0.175)
- Pin 73 to Pin 74 distance: (17.0) REF. (0.67)
- Pin 74 to Pin 75 distance: (3.18/3.25) TYP.
- Pin 75 to Pin 76 distance: (1.4) TYP. (0.045)
- Pin 76 to Pin 77 distance: (1.52) TYP. (0.060)
- Pin 77 to Pin 78 distance: (3.05) TYP. (0.120)
- Pin 78 to Pin 79 distance: (4.45) TYP. (0.175)
- Pin 79 to Pin 80 distance: (17.0) REF. (0.67)
- Pin 80 to Pin 81 distance: (3.18/3.25) TYP.
- Pin 81 to Pin 82 distance: (1.4) TYP. (0.045)
- Pin 82 to Pin 83 distance: (1.52) TYP. (0.060)
- Pin 83 to Pin 84 distance: (3.05) TYP. (0.120)
- Pin 84 to Pin 85 distance: (4.45) TYP. (0.175)
- Pin 85 to Pin 86 distance: (17.0) REF. (0.67)
- Pin 86 to Pin 87 distance: (3.18/3.25) TYP.
- Pin 87 to Pin 88 distance: (1.4) TYP. (0.045)
- Pin 88 to Pin 89 distance: (1.52) TYP. (0.060)
- Pin 89 to Pin 90 distance: (3.05) TYP. (0.120)
- Pin 90 to Pin 91 distance: (4.45) TYP. (0.175)
- Pin 91 to Pin 92 distance: (17.0) REF. (0.67)
- Pin 92 to Pin 93 distance: (3.18/3.25) TYP.
- Pin 93 to Pin 94 distance: (1.4) TYP. (0.045)
- Pin 94 to Pin 95 distance: (1.52) TYP. (0.060)
- Pin 95 to Pin 96 distance: (3.05) TYP. (0.120)
- Pin 96 to Pin 97 distance: (4.45) TYP. (0.175)
- Pin 97 to Pin 98 distance: (17.0) REF. (0.67)
- Pin 98 to Pin 99 distance: (3.18/3.25) TYP.
- Pin 99 to Pin 100 distance: (1.4) TYP. (0.045)
- Pin 100 to Pin 101 distance: (1.52) TYP. (0.060)
- Pin 101 to Pin 102 distance: (3.05) TYP. (0.120)
- Pin 102 to Pin 103 distance: (4.45) TYP. (0.175)
- Pin 103 to Pin 104 distance: (17.0) REF. (0.67)
- Pin 104 to Pin 105 distance: (3.18/3.25) TYP.
- Pin 105 to Pin 106 distance: (1.4) TYP. (0.045)
- Pin 106 to Pin 107 distance: (1.52) TYP. (0.060)
- Pin 107 to Pin 108 distance: (3.05) TYP. (0.120)
- Pin 108 to Pin 109 distance: (4.45) TYP. (0.175)
- Pin 109 to Pin 110 distance: (17.0) REF. (0.67)
- Pin 110 to Pin 111 distance: (3.18/3.25) TYP.
- Pin 111 to Pin 112 distance: (1.4) TYP. (0.045)
- Pin 112 to Pin 113 distance: (1.52) TYP. (0.060)
- Pin 113 to Pin 114 distance: (3.05) TYP. (0.120)
- Pin 114 to Pin 115 distance: (4.45) TYP. (0.175)
- Pin 115 to Pin 116 distance: (17.0) REF. (0.67)
- Pin 116 to Pin 117 distance: (3.18/3.25) TYP.
- Pin 117 to Pin 118 distance: (1.4) TYP. (0.045)
- Pin 118 to Pin 119 distance: (1.52) TYP. (0.060)
- Pin 119 to Pin 120 distance: (3.05) TYP. (0.120)
- Pin 120 to Pin 121 distance: (4.45) TYP. (0.175)
- Pin 121 to Pin 122 distance: (17.0) REF. (0.67)
- Pin 122 to Pin 123 distance: (3.18/3.25) TYP.
- Pin 123 to Pin 124 distance: (1.4) TYP. (0.045)
- Pin 124 to Pin 125 distance: (1.52) TYP. (0.060)
- Pin 125 to Pin 126 distance: (3.05) TYP. (0.120)
- Pin 126 to Pin 127 distance: (4.45) TYP. (0.175)
- Pin 127 to Pin 128 distance: (17.0) REF. (0.67)
- Pin 128 to Pin 129 distance: (3.18/3.25) TYP.
- Pin 129 to Pin 130 distance: (1

Figure 1 is an elevation view of a roof section. It shows a horizontal line representing the roof surface, with a vertical line indicating the roof edge. The roof surface is labeled "D" and "E". The roof edge is labeled "C". The roof surface is divided into two sections by a vertical line. The left section has a width of $\frac{(3.18/.325)}{.125/.128}$ TYP. and a height of $\frac{(6.99/6.86)}{.275/.270}$. The right section has a width of $\frac{(4.70/4.57)}{.185/.180}$ TYP. and a height of $\frac{(4.70/4.57)}{.185/.180}$. The roof surface is labeled "D" and "E". The roof edge is labeled "C".

SECT. "E-E"

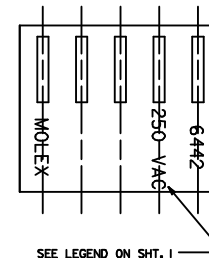


SINGLE VOID



MULTIPLE VOIDS

MOLDED VOIDS
SEE LEGEND ON SHT. I
SEE CHART FOR VOID CKT. LOCATIONS



SEE LEGEND ON SHT.

OPT. VOLTAGE RATING

tb_frame_D_P_ME_T
Rev: 5 2006/04/15

1b_frame_D_P_ME_T
Rev. E 2006/04/15