

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0026033171](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, 17 Circuits

Documents:

3D Model	Product Specification PS-40-02 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
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General

Product Family	Crimp Housings
Series	6442
Overview	kk
Product Name	KK®

Physical

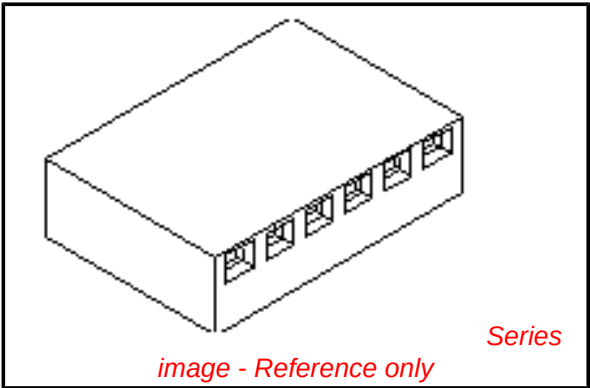
Circuits (maximum)	17
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Stackable	No
Temperature Range - Operating	0°C to +75°C

Material Info

Old Part Number	6442-17-Z
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Reference - Drawing Numbers

Product Specification	PS-40-02
Sales Drawing	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

M

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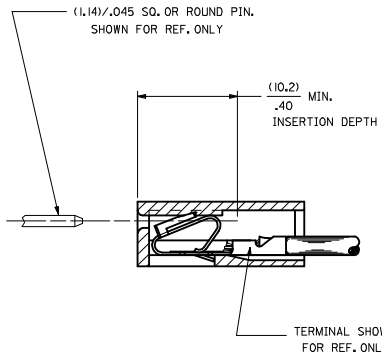
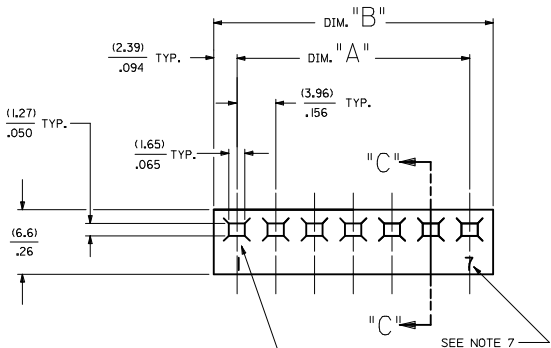
D

C

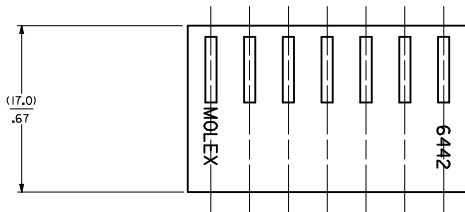
B

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	HOOCS	SIDE HOOCS	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 - * - * - *

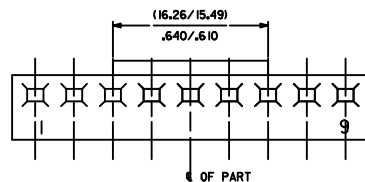
- VOLTAGE RATING OPTION
BLANK=NONE
V= 250 VAC* ON HOUSING
- MAT'L. OPTION
BLANK= MATERIAL A (SEE NOTE 1)
- MOLDED VOID CODE
Z=NO VOIDS
A=CKT. 1 VOID,
B=CKT. 2 VOID, ETC.
51=1ST MULTIPLE VOID,
52=2ND MULTIPLE VOID, ETC.

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		DOCUMENT NO. SD-6442		
1 PLACE ± 0.36 ± ---		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		SHEET NO. 1 OF 4

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

The diagram shows a horizontal row of 24 circuit symbols. The first 8 symbols are connected by a continuous line above them, representing a continuous ramp. The last 8 symbols are also connected by a continuous line above them, representing a continuous ramp. The middle 8 symbols are not connected by a line. The symbols are numbered 1 through 24 from left to right.



Technical drawing of a 5-pin connector showing top and side views with dimensions.

Top View Dimensions:

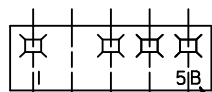
- Pin 1 to Pin 5 distance: (4.45) TYP. (0.175)
- Pin 5 to Pin 6 distance: (6.6) REF. (.26)

Side View Dimensions:

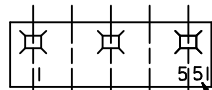
- Pin 1 to Pin 5 distance: "C"
- Pin 1 to Pin 5 distance: (L52) TYP. (.060)
- Pin 1 to Pin 5 distance: (L14) TYP. (.045)
- Pin 5 to Pin 6 distance: (3.05) TYP. (.120)
- Pin 5 to Pin 6 distance: (4.45) TYP. (.175)
- Pin 5 to Pin 6 distance: (17.0) REF. (.67)
- Pin 5 to Pin 6 distance: (3.18/3.25) TYP.
- Pin 5 to Pin 6 distance: 45° TYP.

Labels:

- MOLEX
- 6442
- RECOMMENDED



SINGLE CKT. VOID CODE



MULTIPLE CKT. VOID CODE

SEE LEGEND ON SHT. I

SEE SHEET 1 EC NO: UCP2009-3748 DRN/WM/ IPFR 2009/07/13 CHKD/SS00SEK 2009/07/13 APPR/FSN01H 2009/08/05	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES ±</td> <td>±</td> <td>±</td> </tr> <tr> <td>3 PLACES ±</td> <td>±.010</td> <td>±</td> </tr> <tr> <td>2 PLACES ±</td> <td>±.014</td> <td>±</td> </tr> <tr> <td>1 PLACE ±</td> <td>±.025</td> <td>±</td> </tr> <tr> <td></td> <td>±.036</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES ±	±	±	3 PLACES ±	±.010	±	2 PLACES ±	±.014	±	1 PLACE ±	±.025	±		±.036	±	DIMENSION STYLE MM/IN DRAWN BY DATE POLGAR 1986/12/05 CHECKED BY DATE PATEL 1986/12/05 APPROVED BY DATE LENZ 1986/12/05	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE KK (3.96)/156 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES MOLEX INCORPORATED	SHEET NO. 2 OF 4
		mm	INCH																					
	4 PLACES ±	±	±																					
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1 PLACE ±	±.025	±																						
	±.036	±																						
DESCRIPTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2°	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-6442																					
REV		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION																					

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Rev. E 2006/04/15