

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0026034020

Status:

Active

Overview:

kk

Description:

3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, Friction Ramp, 2 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-40-02 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Crimp Housings

Series

6442

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

Stackable

No

Temperature Range - Operating

0°C to +75°C

Material Info

Old Part Number

6442-R02-Z

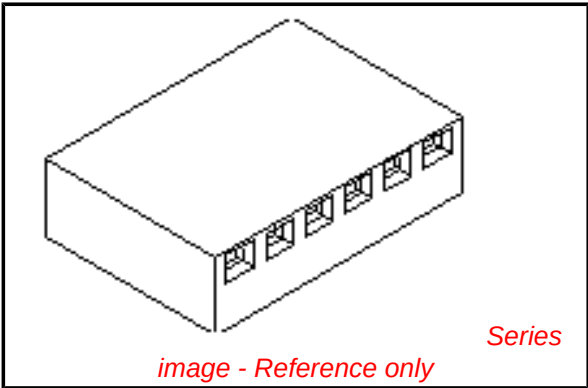
Reference - Drawing Numbers

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](mailto: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

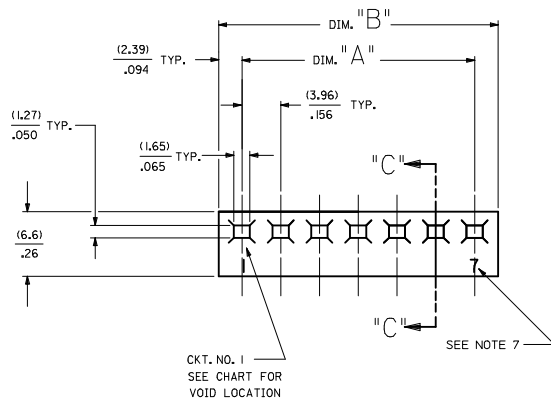
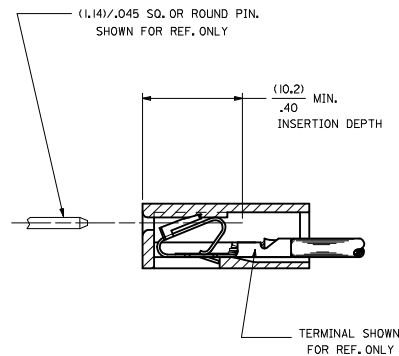
Molex 3.96mm (.156") pitch KK® headers

Use With

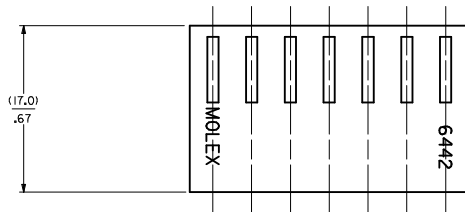
6838 and 7258 KK® Trifurcon crimp terminals

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



### 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.

| HOUSING OPTIONS |       |            |          |
|-----------------|-------|------------|----------|
| 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.

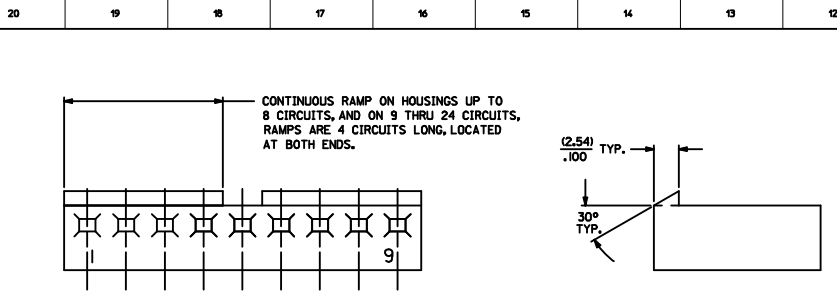
NO. OF CKT'S.

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

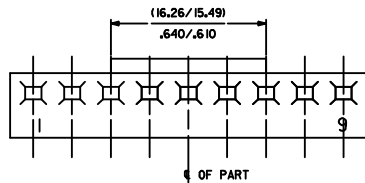
| NO. OF CKT'S. | DIM. A         | DIM. B         |
|---------------|----------------|----------------|
| 1             | (4.78) ± .007  | (4.78) ± .007  |
| 2             | (3.96) ± .005  | (8.74) ± .007  |
| 3             | (7.92) ± .005  | (12.70) ± .007 |
| 4             | (11.89) ± .005 | (16.66) ± .007 |
| 5             | (15.85) ± .005 | (20.62) ± .007 |
| 6             | (19.81) ± .005 | (24.59) ± .007 |
| 7             | (23.77) ± .005 | (28.55) ± .007 |
| 8             | (27.74) ± .010 | (32.51) ± .012 |
| 9             | (31.70) ± .010 | (36.47) ± .012 |
| 10            | (35.66) ± .010 | (40.44) ± .012 |
| 11            | (39.62) ± .010 | (44.40) ± .012 |
| 12            | (43.59) ± .010 | (48.36) ± .012 |
| 13            | (47.55) ± .010 | (52.32) ± .014 |
| 14            | (51.51) ± .016 | (56.29) ± .016 |
| 15            | (55.47) ± .016 | (60.25) ± .016 |
| 16            | (59.44) ± .016 | (64.21) ± .016 |
| 17            | (63.40) ± .016 | (68.17) ± .016 |
| 18            | (67.36) ± .016 | (72.14) ± .016 |
| 19            | (71.32) ± .016 | (76.10) ± .016 |
| 20            | (75.29) ± .018 | (80.06) ± .020 |
| 21            | (79.25) ± .018 | (84.02) ± .020 |
| 22            | (83.21) ± .018 | (87.99) ± .020 |
| 23            | (87.17) ± .018 | (91.95) ± .020 |
| 24            | (91.14) ± .018 | (95.91) ± .020 |

|   |   |
|---|---|
| 4 | J |
| 3 | J |
| 2 | J |
| 1 | J |

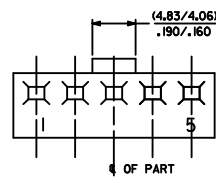
SH. REV.



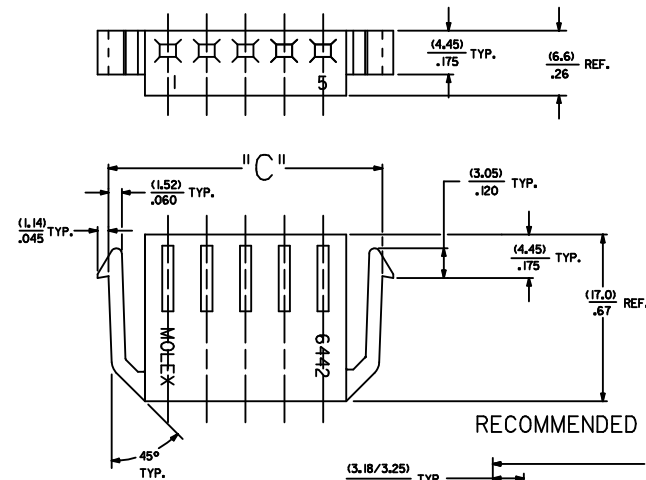
STD. RAMP OPTION CODE "R"



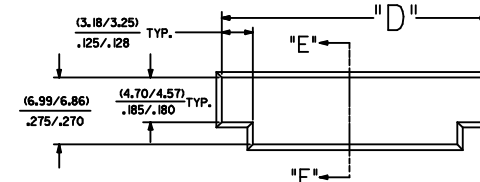
SELECTIVE RAMP  
OPTION CODE "C"



SELECTIVE RAMP  
OPTION CODE "B"

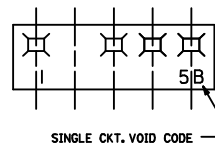
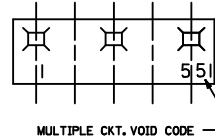


SIDE HOOKS  
OPTION CODE "A"

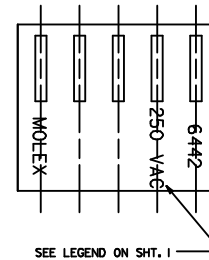


RECOMMENDED (2.03) / .080 THICK PANEL OPENING.

SECT. "E-E"



MOLDED VOIDS  
SEE LEGEND ON SHT. 1  
SEE CHART FOR VOID CKT. LOCATIONS



OPT. VOLTAGE RATING

| QUALITY SYMBOLS                                      |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE                                      |  | SCALE                                                                                                                         |  | DESIGN UNITS |  | THIRD ANGLE PROJECTION  |  |
|------------------------------------------------------|--|------------------------------------------------------|--|------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|-------------------------|--|
|                                                      |  |                                                      |  | MM/IN                                                |  | ---                                                                                                                           |  | INCH         |  |                         |  |
| 4 PLACES ± .005                                      |  | ± .005                                               |  | ± .005                                               |  | POLGAR                                                                                                                        |  | 1986/12/05   |  | TITLE                   |  |
| 3 PLACES ± .010                                      |  | ± .010                                               |  | ± .010                                               |  | CHECKED BY                                                                                                                    |  | DATE         |  | KK (3.96)/156 TRIFURCON |  |
| 2 PLACES ± .025                                      |  | ± .025                                               |  | ± .025                                               |  | PATEL                                                                                                                         |  | 1986/12/05   |  | CRIMP TERMINAL HOUSING  |  |
| 1 PLACE ± .036                                       |  | ± .036                                               |  | ± .036                                               |  | APPROVED BY                                                                                                                   |  | DATE         |  | 6442 SERIES             |  |
| ANGULAR ± 1/2°                                       |  | ANGULAR ± 1/2°                                       |  | ANGULAR ± 1/2°                                       |  | LENZ                                                                                                                          |  | 1986/12/05   |  | MOLEX INCORPORATED      |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | MATERIAL NO.                                                                                                                  |  | DOCUMENT NO. |  | SD-6442                 |  |
| SIZE D                                               |  | SIZE D                                               |  | SIZE D                                               |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  | SHEET NO.    |  | 2 OF 4                  |  |

| NO. OF CKT'S. | DIM. "C"                      | DIM. "D"                      |
|---------------|-------------------------------|-------------------------------|
| 2             | (16.48/15.60) / .649 / .614   | (15.47/15.34) / .609 / .604   |
| 3             | (20.45/19.56) / .805 / .770   | (19.43/19.30) / .765 / .760   |
| 5             | (28.37/27.48) / 1.117 / 1.082 | (27.36/27.23) / 1.077 / 1.072 |

lb\_frame\_D\_P\_ME\_T  
Rev. E 2006/04/15