

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0026033031](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, 3 Circuits

Documents:

[3D Model](#) [Product Specification PS-40-02 \(PDF\)](#)
[Drawing \(PDF\)](#) [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) 3
 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 6442-03-Z

Reference - Drawing Numbers

Product Specification PS-40-02
 Sales Drawing SD-6442

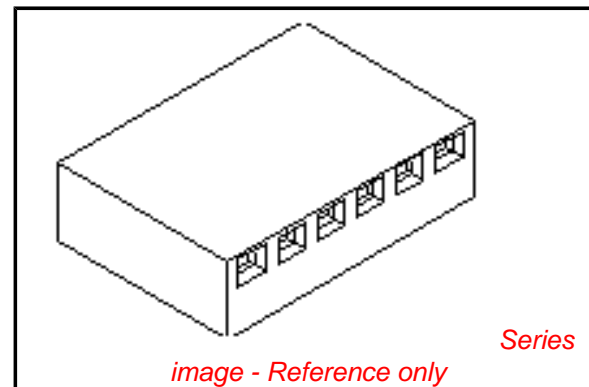


image - Reference only

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

[6442Series](#)

Mates With

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

Use With

[6838](#) and [7258](#) KK® Trifurcon crimp
 terminals



SECTION "C-C"



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

- 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-* (18-22 GA) WITH (2.79)/.110 MAX. INSULATION DIA.
6838-* (18-24 GA) WITH (2.79)/.110 MAX. INSULATION DIA.
7258-* (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 | FRICITION |
| 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.
5I=1ST MULTIPLE VOID,
52=2ND MULTIPLE VOID, ETC.

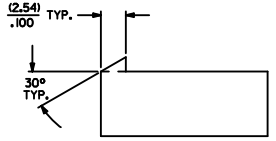
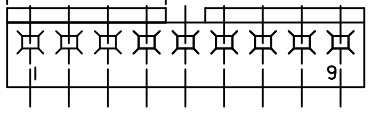
NO. OF CKT'S.

| | | | | | | |
|---|--|---------------------------------------|-----------------|----------------------|--------------|--|
| REMOVE D OPTION EC NO: UCP2009-3148 DRAWN/KIPER 2009/07/13 CHKD/SOUSEK 2009/07/13 APPR/FSMTH 2009/08/05 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- ANGULAR ±1/2° | MM/IN | --- | INCH | --- | INCH |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE CHART | | DOCUMENT NO. SD-6442 | | TITLE: KK (3.96)/.156 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES MOLEX INCORPORATED SHEET NO. 1 OF 4 |

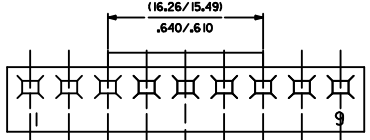
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

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



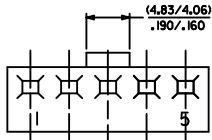
STD. RAMP OPTION CODE "R"



(16.26/15.49)
.640/.610

OF PART

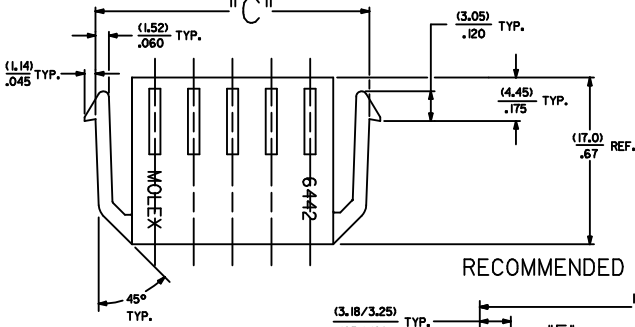
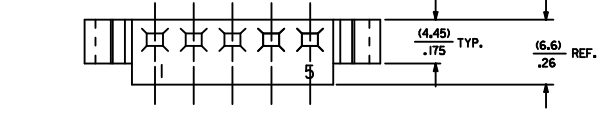
SELECTIVE RAMP
OPTION CODE "C"



(4.83/4.06)
.190/.160

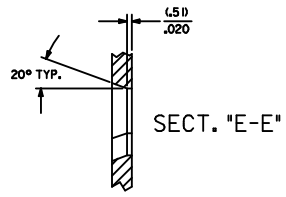
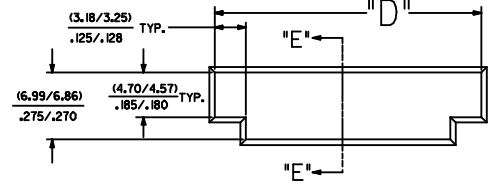
OF PART

SELECTIVE RAMP
OPTION CODE "B"

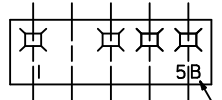


SIDE HOOKS
OPTION CODE "A"

RECOMMENDED (2.03)/.080 THICK PANEL OPENING.

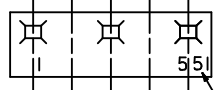


| NO. OF CKT'S. | DIM. "C" | DIM. "D" |
|---------------|------------------------------|-----------------------------|
| 2 | (16.48/15.60) .643/.614 | (15.47/15.34) .609/.604 |
| 3 | (20.45/19.56) .805/.770 | (19.43/18.30) .765/.760 |
| 5 | (28.37/27.48) 1.117/1.082 | (27.36/27.23) L077/1.072 |



SINGLE VOID

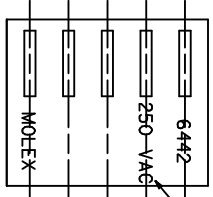
SINGLE CKT. VOID CODE



MULTIPLE VOIDS

MULTIPLE CKT. VOID CODE

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



SEE LEGEND ON SHT. 1

OPT. VOLTAGE RATING

| | | | | | | |
|---|--|--|-----------------|--------------|--|---|
| SEE SHEET 1 IEC NO. UCP2009-3148 DRAWN BY DRANKIPPER CHKD BY SSOUSEK APPR. BY SMITH 2009/07/13 2009/08/05 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 ▽=0 | mm INCH 4 PLACES ± .010 ± .010 3 PLACES ± .025 ± .014 2 PLACES ± 0.36 ± .014 1 PLACE ± 0.36 ± .014 ANGULAR ± 1/2° | MM/IN | --- | INCH | DRAWN BY POLGAR DATE 1986/12/05 CHECKED BY DATE PATEL DATE 1986/12/05 APPROVED BY LENZ DATE 1986/12/05 |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART | MATERIAL NO. | DOCUMENT NO. | TITLE KK (3.96)/156 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES MOLEX INCORPORATED SD-6442 | |
| | 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 | |

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

