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Part Number: 0026033051
Status: Active
Overview: kk
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, 5 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

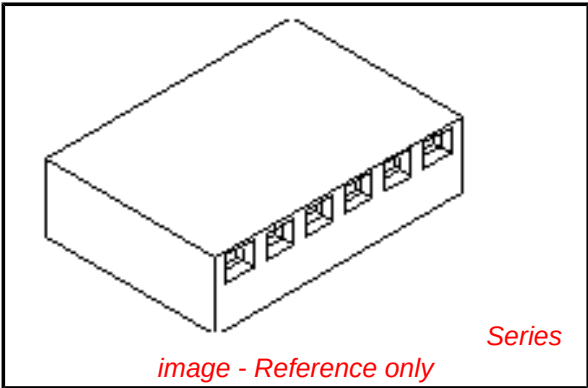
Circuits (maximum) 5
Color - Resin Natural
Flammability 94V-2
Gender Female
Glow-Wire Compliant No
Material - Resin Nylon
Number of Rows 1
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface (in) 0.156 In
Pitch - Mating Interface (mm) 3.96 mm
Stackable No
Temperature Range - Operating 0°C to +75°C

Material Info

Old Part Number 6442-05-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



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

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

M

L

K

J

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E

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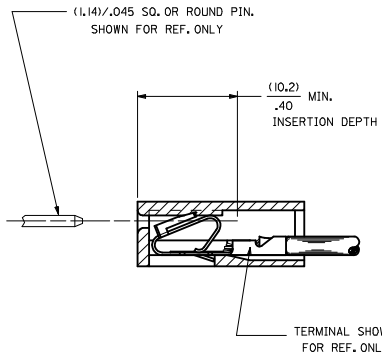
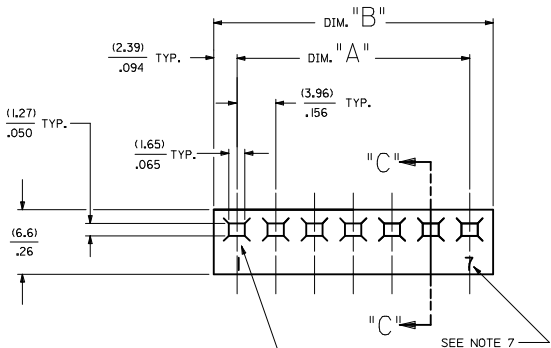
D

C

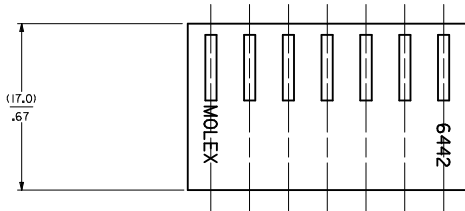
B

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

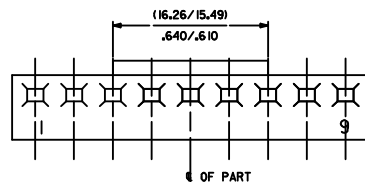
6442- * N - * - * - *

- 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.

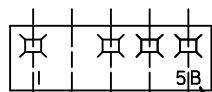
NO. OF CKT'S.

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

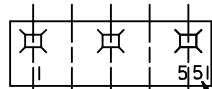
Diagram illustrating the continuous ramp on housings up to 8 circuits, and on 9 thru 24 circuits, ramps are 4 circuits long, located at both ends.

[illegible]

Technical drawing of Section E-E of a shaft. The shaft has a diameter of .51 inches with a tolerance of .020 inches. A fillet with a 20-degree typical radius is shown at the transition between the shaft and the hub. The section is labeled "SECT. "E-E"."



SINGLE CKT. VOID CODE



MULTIPLE CKT. VOID CODE

SEE LEGEND ON SHT.

SEE SHEET 1 ECN NO: UCT2009-3148 DRAWN BY: PEPER CHDKSDUSEK APPR'D: SMITH 2009/07/13 2009/08/05 2009/08/05	QUALITY SYMBOLS  	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>±.01</td> <td>±.0005</td> </tr> <tr> <td>3 PLACES</td> <td>±.02</td> <td>±.0010</td> </tr> <tr> <td>2 PLACES</td> <td>±.05</td> <td>±.0025</td> </tr> <tr> <td>1 PLACE</td> <td>±.06</td> <td>±.0030</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±.01	±.0005	3 PLACES	±.02	±.0010	2 PLACES	±.05	±.0025	1 PLACE	±.06	±.0030	DIMENSION STYLE MM/IN <table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>POLGAR</td> <td>1986/12/05</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>PATEL</td> <td>1986/12/05</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>LENZ</td> <td>1986/12/05</td> </tr> </tbody> </table>	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 KK (3.96)/156 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES  MOLEX INCORPORATED
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Rev. E 2006/04/15