

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0026034041](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, Friction Ramp, 4 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

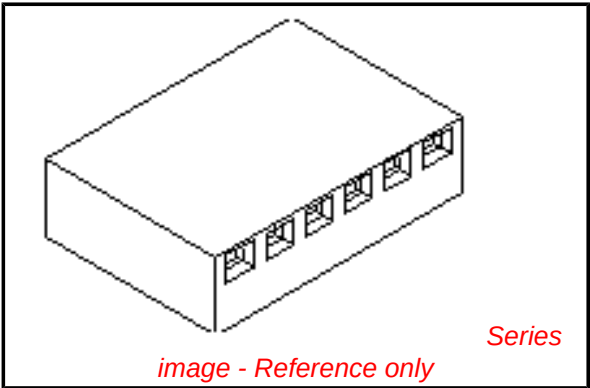
Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Stackable	No
Temperature Range - Operating	0°C to +75°C

Material Info

Old Part Number	6442-R04-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

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

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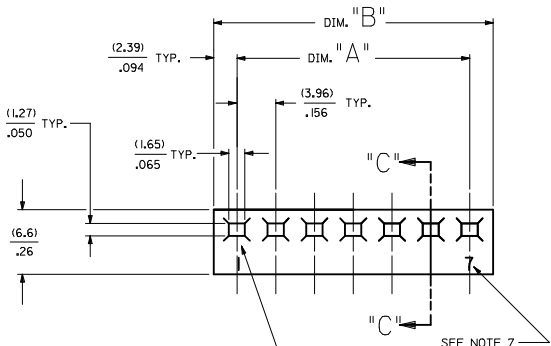
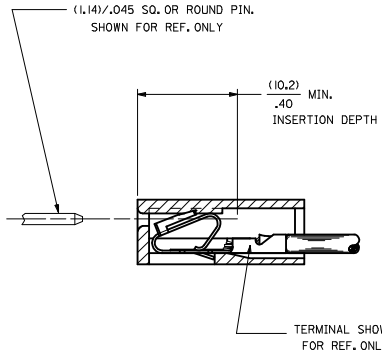
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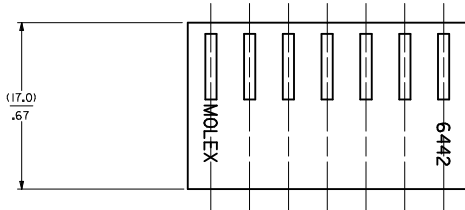
B

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.

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.

REMOVE D OPTION EC NO: UCP2009-3148 DRAWN BY: DRWNK/PPER CHKD BY: CHYKSS/SEK APPR: FSN/TH		QUALITY SYMBOLS =0 =0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- ANGULAR ±1/2°		DIMENSION STYLE MM/IN		SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY POLGAR		CHECKED BY PATEL		DATE 1986/12/03		DATE 1986/12/03		APPROVED BY LENZ		DATE 1986/12/03	
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		SH. REV.			

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	6442-N-*			6442-RN-*			6442-RN-*			6442-RND-*			6442-BN-*			6442-CN-*					
	PART NO.	ENG. NO.	VOIDS	PART NO.	ENG. NO.	VOIDS	PART NO.	ENG. NO.	VOIDS	PART NO.	ENG. NO.	VOIDS	PART NO.	ENG. NO.	VOIDS	PART NO.	ENG. NO.	VOIDS			
L	26-03-3011	6442-1-Z		26-03-4011	6442-R1-Z					26-03-7021	6442-R1D-Z				6442-B1-Z			6442-C5-Z			
	26-03-3021	6442-2-Z		26-03-4020	6442-R2-Z					26-03-7031	6442-R2D-Z				6442-B2-Z			6442-C6-Z			
K	26-03-3031	6442-3-Z		26-03-4030	6442-R3-Z					26-03-7041	6442-R3D-Z				6442-B3-Z			6442-C7-Z			
	26-03-3041	6442-4-Z		26-03-4041	6442-R4-Z						6442-R4D-Z				6442-B4-Z			6442-C8-Z			
J	26-03-3051	6442-5-Z		26-03-4050	6442-R5-Z						6442-R5D-Z				6442-B5-Z			6442-C9-Z			
	26-03-3061	6442-6-Z		26-03-4061	6442-R6-Z					26-03-7071	6442-R6D-Z				6442-B6-Z			6442-C10-Z			
I	26-03-3071	6442-7-Z		26-03-4070	6442-R7-Z						6442-R7D-Z				6442-B7-Z			6442-C11-Z			
	26-03-3081	6442-8-Z		26-03-4081	6442-R8-Z					26-03-7091	6442-R8D-Z				6442-B8-Z			6442-C12-Z			
H	26-03-3091	6442-9-Z		26-03-4090	6442-R9-Z						6442-R9D-Z				6442-B9-Z			6442-C13-Z			
	26-03-3101	6442-10-Z		26-03-4101	6442-R10-Z						6442-R10D-Z				6442-B10-Z			6442-C14-Z			
G	26-03-3111	6442-11-Z		26-03-4111	6442-R11-Z						6442-R11D-Z				6442-B11-Z			6442-C15-Z			
	26-03-3121	6442-12-Z		26-03-4121	6442-R12-Z					26-03-7121	6442-R12D-Z				6442-B12-Z			6442-C16-Z			
F	26-03-3131	6442-13-Z		26-03-4131	6442-R13-Z						6442-R13D-Z				6442-B13-Z			6442-C17-Z			
	26-03-3141	6442-14-Z		26-03-4141	6442-R14-Z						6442-R14D-Z				6442-B14-Z			6442-C18-Z			
E	26-03-3151	6442-15-Z		26-03-4151	6442-R15-Z						6442-R15D-Z				6442-B15-Z			6442-C19-Z			
	26-03-3161	6442-16-Z		26-03-4161	6442-R16-Z					26-03-7171	6442-R16D-Z				6442-B16-Z			6442-C20-Z			
D	26-03-3171	6442-17-Z		26-03-4171	6442-R17-Z						6442-R17D-Z				6442-B17-Z			6442-C21-Z			
	26-03-3181	6442-18-Z		26-03-4181	6442-R18-Z						6442-R18D-Z				6442-B18-Z			6442-C22-Z			
C	26-03-3191	6442-19-Z		26-03-4191	6442-R19-Z						6442-R19D-Z				6442-B19-Z			6442-C23-Z			
	26-03-3201	6442-20-Z		26-03-4201	6442-R20-Z						6442-R20D-Z				6442-B20-Z			6442-C24-Z			
B	26-03-3211	6442-21-Z		26-03-4211	6442-R21-Z						6442-R21D-Z				6442-B21-Z						
	26-03-3221	6442-22-Z		26-03-4221	6442-R22-Z						6442-R22D-Z				6442-B22-Z						
A	26-03-3231	6442-23-Z		26-03-4231	6442-R23-Z						6442-R23D-Z				6442-B23-Z						
	26-03-3241	6442-24-Z		26-03-4241	6442-R24-Z						6442-R24D-Z				6442-B24-Z						
		6442-15-B	2	26-03-4043	6442-R4-C	3				26-03-7042	6442-R4D-B	2									
		6442-9-B	2	26-03-4055	6442-R5-E	5				26-03-7072	6442-R7D-C	3									
		6442-12-F	6	26-03-4065	6642-R6-E	5				26-03-7092	6442-R9D-B	2									
		6442-7-51	1,7	26-03-4086	6442-R8-F	6				26-03-7093	6442-R9D-E	5									
		6442-9-51	1,9	26-03-4097	6442-R9-G	7				26-03-7122	6442-R12D-E	5									
		6442-9-52	2,9	26-03-4108	6442-R10-H	8				26-03-7172	6442-R17D-E	5									
		6442-8-B	2	26-03-4120	6442-R12-J	10															
		6442-8-F	6	26-03-4157	6442-R15-G	7															
		6442-10-D	4	26-03-4073	6442-R7-C	3															
		6442-5-B	2	26-03-4094	6442-R9-D	4															
		6442-10-B	2	26-03-4096	6442-R9-F	6															
		6442-5-C	3	26-03-4092	6442-R9-B	2															
		6442-13-B	2	26-03-4064	6442-R6-D	4															
		6442-11-E	5	26-03-4075	6442-R7-E	5															
				26-03-4095	6442-R9-E	5															
				26-03-4085	6442-R8-E	5															
				26-03-4072	6442-R7-B	2															
				26-03-4063	6442-R6-C	3															
				26-03-4062	6442-R6-B	2															
				26-03-4125	6442-R12-E	5															
				26-03-4123	6442-R12-C	3															
				26-03-4076	6442-R7-F	6															
				26-03-4129	6442-R12-1	9															
				26-03-4143	6442-R14-C	3															
				26-03-4093	6442-R9-C	3															
				26-03-4054	6442-R5-D	4															
				26-03-4052	6442-R5-B	2															
				26-03-4103	6442-R10-C	3															
				26-03-4042	6442-R4-B	2															
				26-03-4106	6442-R10-F	6															
					6442-R12-F	6															
				26-03-4112	6442-R11-B	2															
					6442-R13-B	2															
				26-03-4175	6442-R17-E	5															
				26-03-4102	6442-R10-B	2															
				26-03-4032	6442-R3-B	2															
				26-03-4082	6442-R8-B	2															
					6442-R7-51	1,7															
					6442-R9-51	1,9															
				26-03-4099	6442-R9-52	2,9															
				26-03-4149	6442-R14-M	13															
					6442-R4-A	1															
				26-03-4152	6442-R15-N	14															
					6442-R10-51	1,10															
				26-03-4083	6442-R-08-C	3															
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