

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0026034030](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, Friction Ramp, 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
 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-R03-Z

Reference - Drawing Numbers

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

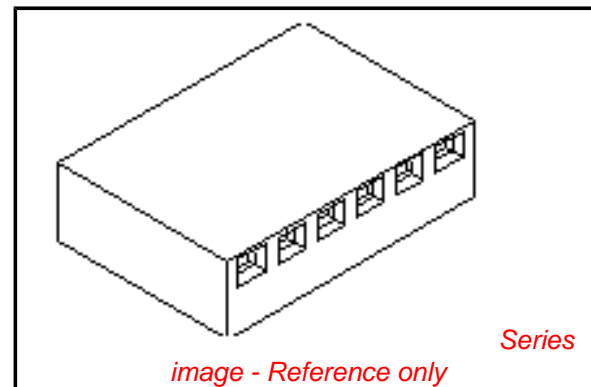


image - Reference only

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



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.

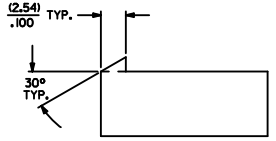
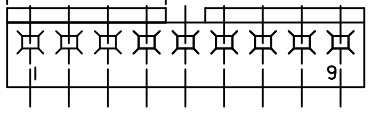
NO. OF CKT'S.

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

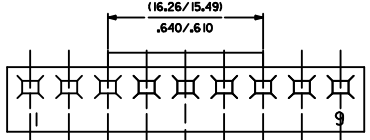
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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.



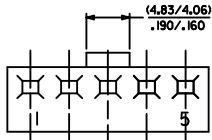
STD. RAMP OPTION CODE "R"



(16.26/15.49)
.640/.610

OF PART

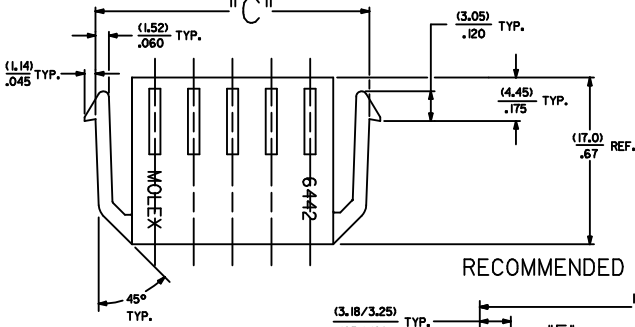
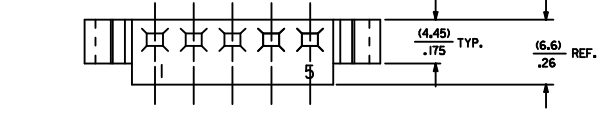
SELECTIVE RAMP
OPTION CODE "C"



(4.83/4.06)
.190/.160

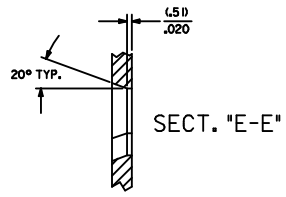
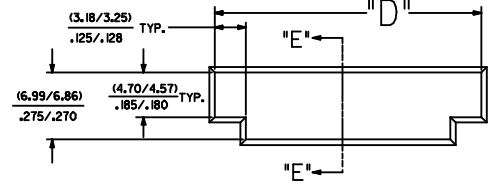
OF PART

SELECTIVE RAMP
OPTION CODE "B"

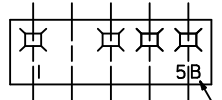


SIDE HOOKS
OPTION CODE "A"

RECOMMENDED (2.03)/.080 THICK PANEL OPENING.

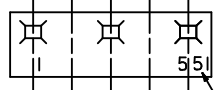


NO. OF CKT'S.	DIM. "C"	DIM. "D"
2	(16.48/15.60) .643/.614	(15.47/15.34) .609/.604
3	(20.45/19.56) .805/.770	(19.43/18.30) .765/.760
5	(28.37/27.48) 1.117/1.082	(27.36/27.23) L077/1.072



SINGLE VOID

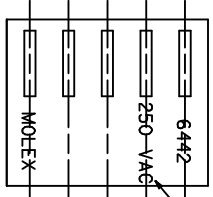
SINGLE CKT. VOID CODE



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 3 PLACES ± .014 2 PLACES ± 0.25 1 PLACE ± 0.36 ANGULAR ± 1/2°	MM/IN	---	INCH	DRAWN BY POLGAR CHECKED BY PATEL APPROVED BY LENZ DATE 1986/12/05 DATE 1986/12/05 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	
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SD-6442	2 OF 4		

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

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
26-03-3011	6442-1-Z		26-03-4011	6442-R1-Z							
26-03-3021	6442-2-Z		26-03-4020	6442-R2-Z			26-03-7021	6442-R2D-Z		6442-B1-Z	6442-C5-Z
26-03-3031	6442-3-Z		26-03-4030	6442-R3-Z			26-03-7031	6442-R3D-Z		6442-B2-Z	6442-C6-Z
26-03-3041	6442-4-Z		26-03-4041	6442-R4-Z			26-03-7041	6442-R4D-Z		6442-B3-Z	6442-C7-Z
26-03-3051	6442-5-Z		26-03-4050	6442-R5-Z				6442-R5D-Z		6442-B4-Z	6442-C8-Z
26-03-3061	6442-6-Z		26-03-4061	6442-R6-Z				6442-R6D-Z		6442-B5-Z	6442-C9-Z
26-03-3071	6442-7-Z		26-03-4070	6442-R7-Z			26-03-7071	6442-R7D-Z		6442-B6-Z	6442-C10-Z
26-03-3081	6442-8-Z		26-03-4081	6442-R8-Z				6442-R8D-Z		6442-B7-Z	6442-C11-Z
26-03-3091	6442-9-Z		26-03-4090	6442-R9-Z			26-03-7091	6442-R9D-Z		6442-B8-Z	6442-C12-Z
26-03-3101	6442-10-Z		26-03-4101	6442-R10-Z				6442-R10D-Z		6442-B9-Z	6442-C13-Z
26-03-3111	6442-11-Z		26-03-4111	6442-R11-Z				6442-R11D-Z		6442-B10-Z	6442-C14-Z
26-03-3121	6442-12-Z		26-03-4121	6442-R12-Z			26-03-7121	6442-R12D-Z		6442-B11-Z	6442-C15-Z
26-03-3131	6442-13-Z		26-03-4131	6442-R13-Z				6442-R13D-Z		6442-B12-Z	6442-C16-Z
26-03-3141	6442-14-Z		26-03-4141	6442-R14-Z				6442-R14D-Z		6442-B13-Z	6442-C17-Z
26-03-3151	6442-15-Z		26-03-4151	6442-R15-Z				6442-R15D-Z		6442-B14-Z	6442-C18-Z
26-03-3161	6442-16-Z		26-03-4161	6442-R16-Z				6442-R16D-Z		6442-B15-Z	6442-C19-Z
26-03-3171	6442-17-Z		26-03-4171	6442-R17-Z			26-03-7171	6442-R17D-Z		6442-B16-Z	6442-C20-Z
26-03-3181	6442-18-Z		26-03-4181	6442-R18-Z				6442-R18D-Z		6442-B17-Z	6442-C21-Z
26-03-3191	6442-19-Z		26-03-4191	6442-R19-Z				6442-R19D-Z		6442-B18-Z	6442-C22-Z
26-03-3201	6442-20-Z		26-03-4201	6442-R20-Z				6442-R20D-Z		6442-B19-Z	6442-C23-Z
26-03-3211	6442-21-Z		26-03-4211	6442-R21-Z				6442-R21D-Z		6442-B20-Z	6442-C24-Z
26-03-3221	6442-22-Z		26-03-4221	6442-R22-Z				6442-R22D-Z		6442-B21-Z	
26-03-3231	6442-23-Z		26-03-4231	6442-R23-Z				6442-R23D-Z		6442-B22-Z	
26-03-3241	6442-24-Z		26-03-4241	6442-R24-Z				6442-R24D-Z		6442-B23-Z	
	6442-15-B	2	26-03-4043	6442-R4-C	3		26-03-7042	6442-R4D-B	2	6442-B24-Z	
	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	6442-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						

UPDATE TITLE EC NO. UCF2009-3148 DRWNK/PPER CHYK/SSOUSEK APPR/FSM/TH 2009/07/13 2009/07/13 2009/08/05	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°		DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		DRAWN BY DATE POLGAR 1986/12/02 CHECKED BY DATE PATEL 1986/12/02 APPROVED BY DATE LENZ 1986/12/02		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-6442	SHEET NO. 3 OF 4			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							MOLEX INCORPORATED
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							