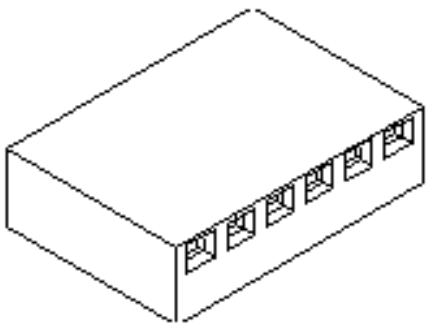
This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0026033211
Status: Active
Overview: kk
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing - Use With Trifurcon® Terminals, 21 Circuits



Series image - Reference only

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)	21
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	6442-21-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
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

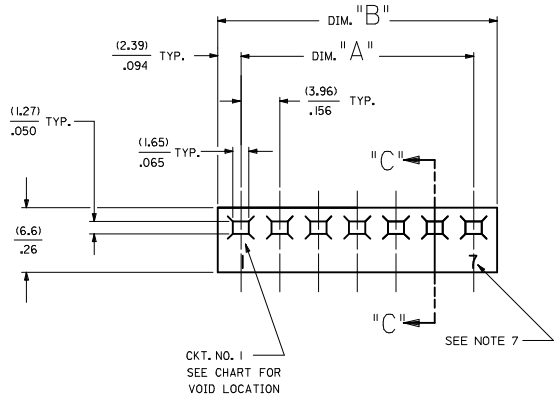
Search Parts in this Series
6442Series

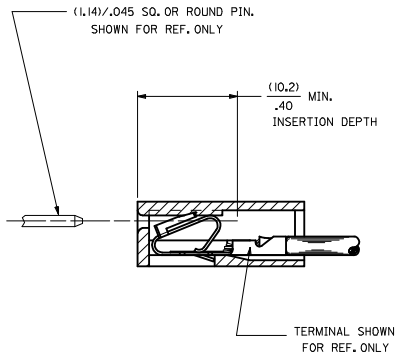
Mates With
Molex 3.96mm (.156") pitch KK® headers

Use With
6838 and 7258 KK® Trifurcon crimp terminals

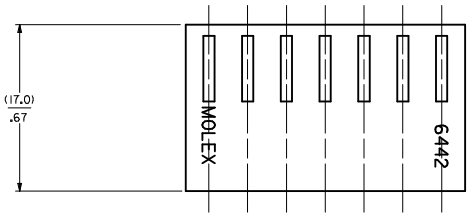
This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION





SECTION "C-C"



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

6442-✱N-✱-✱-✱

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

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.

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.

REV	DESCRIPTION
J	REMOVE D OPTION EC NO: UCP2009-3148 DRWN:MKIPPER 2009/07/13 CHKD:SSOUSEK 2009/07/13 APPR:FSMITH 2009/08/05

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°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

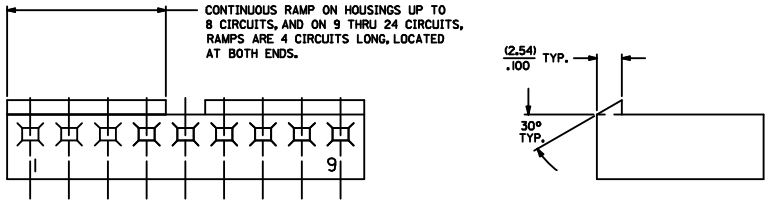
DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: POLGAR DATE: 1986/12/03
CHECKED BY: PATEL DATE: 1986/12/03
APPROVED BY: LENZ DATE: 1986/12/03
MATERIAL NO.: SEE CHART

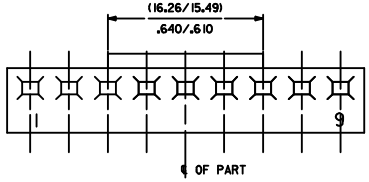
TITLE: KK (3.96)/.156 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES
MOLEX INCORPORATED
DOCUMENT NO.: SD-6442
SHEET NO.: 1 OF 4
SIZE: D

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

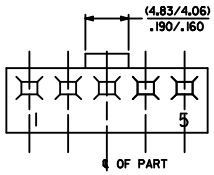
SH.	REV.
4	J
3	J
2	J
1	J



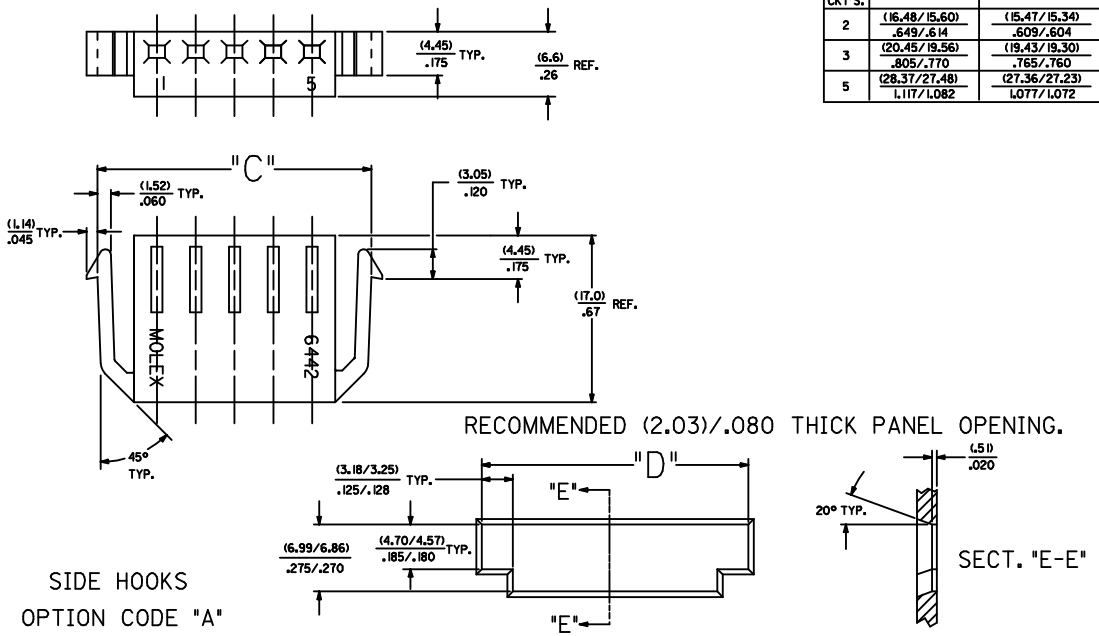
STD. RAMP OPTION CODE "R"



SELECTIVE RAMP
OPTION CODE "C"

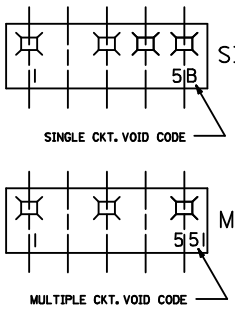


SELECTIVE RAMP
OPTION CODE "B"

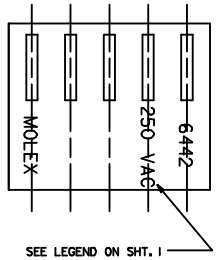


SIDE HOOKS
OPTION CODE "A"

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



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



OPT. VOLTAGE RATING

SEE SHEET 1
EC NO: UCP2009-3148 2009/07/13
DRWN:MKIPPER 2009/07/13
CH'KD:SSOUSEK
APPR:FSMITH 2009/08/05
DESCRIPTION
REV

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°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	POLGAR	DATE 1986/12/05
CHECKED BY	PATEL	DATE 1986/12/05
APPROVED BY	LENZ	DATE 1986/12/05
MATERIAL NO.	SEE CHART	

TITLE: KK (3.96)/1.56 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES
MOLEX INCORPORATED
DOCUMENT NO. SD-6442
SHEET NO. 2 OF 4
SIZE D

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6442-N-*

PART NO.	ENG. NO.	VOIDS
26-03-3011	6442-1-Z	
26-03-3021	6442-2-Z	
26-03-3031	6442-3-Z	
26-03-3041	6442-4-Z	
26-03-3051	6442-5-Z	
26-03-3061	6442-6-Z	
26-03-3071	6442-7-Z	
26-03-3081	6442-8-Z	
26-03-3091	6442-9-Z	
26-03-3101	6442-10-Z	
26-03-3111	6442-11-Z	
26-03-3121	6442-12-Z	
26-03-3131	6442-13-Z	
26-03-3141	6442-14-Z	
26-03-3151	6442-15-Z	
26-03-3161	6442-16-Z	
26-03-3171	6442-17-Z	
26-03-3181	6442-18-Z	
26-03-3191	6442-19-Z	
26-03-3201	6442-20-Z	
26-03-3211	6442-21-Z	
26-03-3221	6442-22-Z	
26-03-3231	6442-23-Z	
26-03-3241	6442-24-Z	
	6442-15-B	2
	6442-9-B	2
	6442-12-F	6
	6442-7-51	1,7
	6442-9-51	1,9
	6442-9-52	2,9
	6442-8-B	2
	6442-8-F	6
	6442-10-D	4
	6442-5-B	2
	6442-10-B	2
	6442-5-C	3
	6442-13-B	2
	6442-11-E	5

6442-RN-*

PART NO.	ENG. NO.	VOIDS
26-03-4011	6442-R1-Z	
26-03-4020	6442-R2-Z	
26-03-4030	6442-R3-Z	
26-03-4041	6442-R4-Z	
26-03-4050	6442-R5-Z	
26-03-4061	6442-R6-Z	
26-03-4070	6442-R7-Z	
26-03-4081	6442-R8-Z	
26-03-4090	6442-R9-Z	
26-03-4101	6442-R10-Z	
26-03-4111	6442-R11-Z	
26-03-4121	6442-R12-Z	
26-03-4131	6442-R13-Z	
26-03-4141	6442-R14-Z	
26-03-4151	6442-R15-Z	
26-03-4161	6442-R16-Z	
26-03-4171	6442-R17-Z	
26-03-4181	6442-R18-Z	
26-03-4191	6442-R19-Z	
26-03-4201	6442-R20-Z	
26-03-4211	6442-R21-Z	
26-03-4221	6442-R22-Z	
26-03-4231	6442-R23-Z	
26-03-4241	6442-R24-Z	
26-03-4043	6442-R4-C	3
26-03-4055	6442-R5-E	5
26-03-4065	6642-R6-E	5
26-03-4086	6442-R8-F	6
26-03-4097	6442-R9-G	7
26-03-4108	6442-R10-H	8
26-03-4120	6442-R12-J	10
26-03-4157	6442-R15-G	7
26-03-4073	6442-R7-C	3
26-03-4094	6442-R9-D	4
26-03-4096	6442-R9-F	6
26-03-4092	6442-R9-B	2
26-03-4064	6442-R6-D	4
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-I	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

6442-RN-*

PART NO.	ENG. NO.	VOIDS

6442-RND-*

PART NO.	ENG. NO.	VOIDS
	6442-R1D-Z	
26-03-7021	6442-R2D-Z	
26-03-7031	6442-R3D-Z	
26-03-7041	6442-R4D-Z	
	6442-R5D-Z	
	6442-R6D-Z	
26-03-7071	6442-R7D-Z	
	6442-R8D-Z	
26-03-7091	6442-R9D-Z	
	6442-R10D-Z	
	6442-R11D-Z	
26-03-7121	6442-R12D-Z	
	6442-R13D-Z	
	6442-R14D-Z	
	6442-R15D-Z	
	6442-R16D-Z	
26-03-7171	6442-R17D-Z	
	6442-R18D-Z	
	6442-R19D-Z	
	6442-R20D-Z	
	6442-R21D-Z	
	6442-R22D-Z	
	6442-R23D-Z	
	6442-R24D-Z	
26-03-7042	6442-R4D-B	2
26-03-7072	6442-R7D-C	3
26-03-7092	6442-R9D-B	2
26-03-7093	6442-R9D-E	5
26-03-7122	6442-R12D-E	5
26-03-7172	6442-R17D-E	5

6442-BN-*

PART NO.	ENG. NO.	VOIDS
	6442-B1-Z	
	6442-B2-Z	
	6442-B3-Z	
	6442-B4-Z	
	6442-B5-Z	
	6442-B6-Z	
	6442-B7-Z	
	6442-B8-Z	
	6442-B9-Z	
	6442-B10-Z	
	6442-B11-Z	
	6442-B12-Z	
	6442-B13-Z	
	6442-B14-Z	
	6442-B15-Z	
	6442-B16-Z	
	6442-B17-Z	
	6442-B18-Z	
	6442-B19-Z	
	6442-B20-Z	
	6442-B21-Z	
	6442-B22-Z	
	6442-B23-Z	
	6442-B24-Z	

6442-CN-*

PART NO.	ENG. NO.	VOIDS
	6442-C5-Z	
	6442-C6-Z	
	6442-C7-Z	
	6442-C8-Z	
	6442-C9-Z	
	6442-C10-Z	
	6442-C11-Z	
	6442-C12-Z	
	6442-C13-Z	
	6442-C14-Z	
	6442-C15-Z	
	6442-C16-Z	
	6442-C17-Z	
	6442-C18-Z	
	6442-C19-Z	
	6442-C20-Z	
	6442-C21-Z	
	6442-C22-Z	
	6442-C23-Z	
	6442-C24-Z	

UPDATE TITLE
EC NO: UCP2009-3148 2009/07/13
DRWN:MKIPPER 2009/07/13
CHKD:SSOUSEK
APPR:FSMITH 2009/08/05
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: POLGAR DATE: 1986/12/02
CHECKED BY: PATEL DATE: 1986/12/02
APPROVED BY: LENZ DATE: 1986/12/02
MATERIAL NO.: SEE CHART

TITLE: KK (3.96)/.156 TRIFURCON CRIMP TERMINAL HOUSING 6442 SERIES
MOLEX INCORPORATED
DOCUMENT NO.: SD-6442
SHEET NO.: 3 OF 4
SIZE: D

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