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Part Number: 0022012115
Status: Active
Overview: kk
Description: 2.54mm (.100") Pitch KK® Crimp Terminal Housing, Friction Ramp, 11 Circuits, Use with 4809

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-10-07 \(PDF\)](#)
[Product Specification PS-99020-0088 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19880
UL E29179

General

Product Family Crimp Housings
Series 6471
Overview kk
Product Name KK®

Physical

Circuits (maximum) 11
Color - Resin Natural (White)
Flammability 94V-0
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) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Polarized to Mating Part Yes
Stackable No
Temperature Range - Operating 0°C to +75°C

Solder Process Data

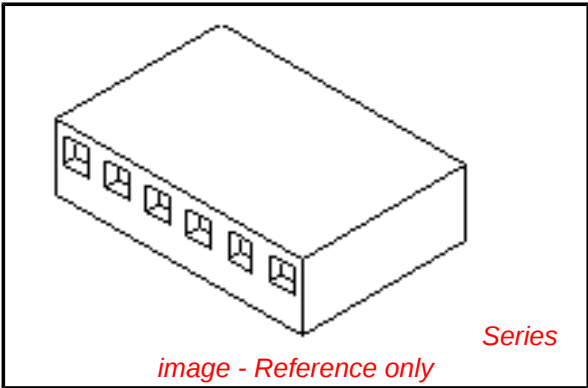
Lead-free Process Capability Wave Capable (TH only)

Material Info

Old Part Number 6471-11(I)

Reference - Drawing Numbers

Product Specification PS-10-07, PS-99020-0088
Sales Drawing SD-6471-N*-**, SDE-6471-N*-*



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](#)

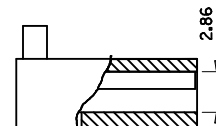
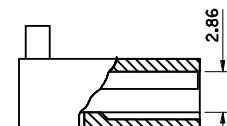
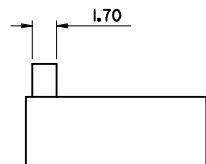
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
6471Series

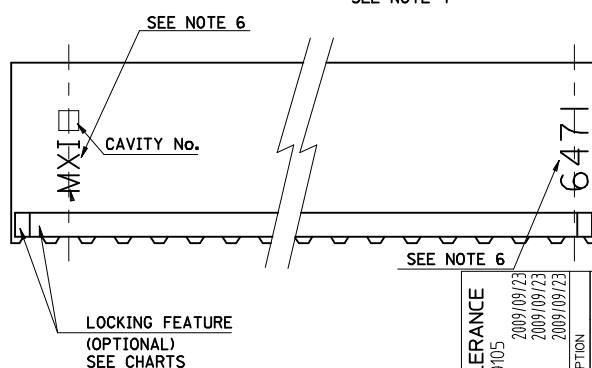
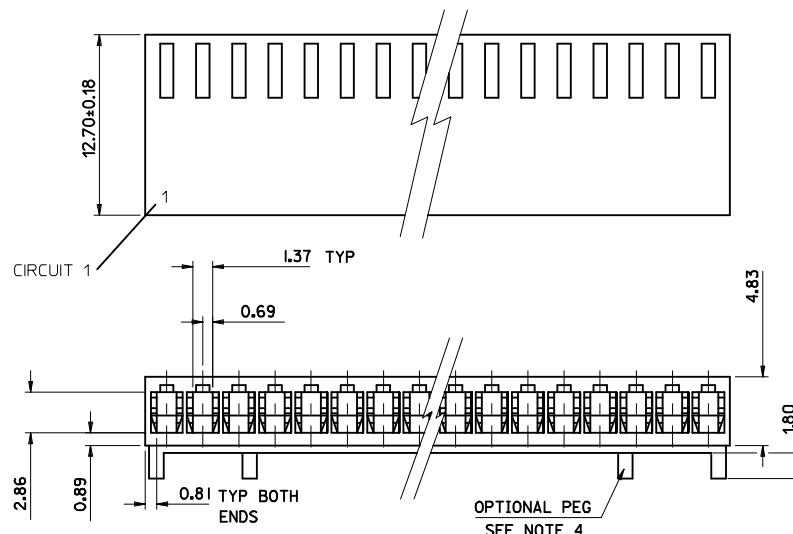
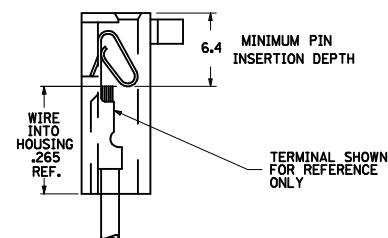
Mates With
2.54mm (.100") Pitch KK ® PCB Headers

Use With
4809 KK® Crimp Terminal

tb_frame_A2_P_ME_Rev. D 2004/04/02



C-C
PARTIAL SECTION



NOTES:

1. MATERIAL: POLYAMIDE (PA66/6), UL94 V-0
COLOR: NATURAL PER THE FOLLOWING 89992-0086
2. FOR USE WITH ANTI-FISH HOOKING TERMINAL No. 4809-#.
3. SEE SHT. 3 FOR PARTS WITH VOIDS.
4. OPTIONAL CENTRE PEGS TO BE USED ON 7cc†
LARGER SIZES ONLY. SEE SHT. 3 FOR CHARTED ENG. No.'s.
5. PART No. PRECEDED BY CODE LETTER
DESIGNATES MFG. LOC'N. I=IRELAND

E-6471-N-***
F CCTS } BLANK = STD. VOID
 } B = OPT. STYLE VOID
 VOID CCT LOC'N.

BLANK NO LOCKING RAMP
HOUSING I = LOCKING RAMP & POL. RIB
STYLE S = OPT. PEG
R = LOCKING RAMP ONLY

6. 'MX*' MARK AND PART I.D. '6471' APPEAR EITHER ON FRONT OR BACK SIDE. SEE END VIEW FOR SIDE SIDE ORIENTATION.

ADJUST TOLERANCE EC NO: E2010-0105 TC NO: 2009/09/23 CHKO: 2009/09/23 APPR: 2009/09/23	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY DATE	TITLE	2.54 MM KK CRP TRM HSG IL			
			4 PLACES	± ---	± ---	SF	2000/07/14				
			3 PLACES	± ---	± ---	CHECKED BY DATE					
			2 PLACES	± 0.15	± ---	DWASZKIEWICZ	2006/02/27				
			1 PLACE	± 0.25	± ---	APPROVED BY DATE					
			ANGULAR ± ---°			JDENNEHY	2006/02/27	MOLEX MOLEX INCORPORATED			
						MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A2	SEE CHART	SD-6471-N*-**		1 OF 5	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

PART NO.

~~SEE CHART~~

SD-6471-N-2-22

7132-1283

10

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E

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C

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A

PART No.	ENG No.	No. OF CIRCUITS	RAMP & POL. RIBS	VOID CCT LOCATION	DIM. A	DIM. B
22-01-4022	E-6471-021-02	2	YES	2	↑	↑
↑ -4032	↑ -031-02	3	↑	↑		
-4042	-041-02	4				
-4052	-051-02	5				
-4062	-061-02	6				
-4072	-071-02	7				
-4082	-081-02	8				
-4092	-091-02	9				
-4102	-101-02	10			SEE SHEET I FOR DIMENSION	SEE SHEET I FOR DIMENSION
-4112	-111-02	11				
-4122	-121-02	12				
-4132	-131-02	13				
-4142	-141-02	14				
-4152	-151-02	15				
-4162	-161-02	16				
-4172	-171-02	17				
-4182	-181-02	18				
-4192	-191-02	19				
-4202	-201-02	20				
-4212	-211-02	21				
-4222	-221-02	22				
-4232	-231-02	23				
-4242	-241-02	24				
-4252	-251-02	25				
-4262	-261-02	26				
↓ -4272	↓ -271-02	27	↓	↓		
22-01-4282	E-6471-281-02	28	YES	2	↓	↓

PART No.	ENG No.	No. OF CIRCUITS	LOCKING FEATURE	VOID CCT LOCATION	DIM. A	DIM. B
22-01-402 I	E-647 I-02-02	2	NO	2	↑	↑
↑ -403 I	↑ -03-02	3	↑	↑		
-404 I	-04-02	4				
-405 I	-05-02	5				
-406 I	-06-02	6				
-407 I	-07-02	7				
-408 I	-08-02	8				
-409 I	-09-02	9				
-410 I	-10-02	10				
-411 I	-11-02	11				
-412 I	-12-02	12				
-413 I	-13-02	13				
-414 I	-14-02	14				
-415 I	-15-02	15				
-416 I	-16-02	16				
-417 I	-17-02	17				
-418 I	-18-02	18				
-419 I	-19-02	19				
-420 I	-20-02	20				
-421 I	-21-02	21				
-422 I	-22-02	22				
-423 I	-23-02	23				
-424 I	-24-02	24				
-425 I	-25-02	25				
-426 I	-26-02	26				
↓ -427 I	↓ -27-02	27	↓	↓		
22-01-428 I	E-647 I-28-02	28	NO	2	↓	↓

SEE SHEET 1.		REVISIONS	DIMENSIONS SHOWN (METRIC) INCH		DRWG BY	REVISE ONLY ON CAD SYSTEM			SH.	REV.
			UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm \frac{1}{2}^\circ$ INCH (METRIC) 3 PLACE $\pm$. 2 PLACE $\pm$. 1 PLACE $\pm$. DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			CADCAM FILENAME SD-6471-N - .J03		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
A	LTR	REVISIONS	3 PLACE $\pm$. 2 PLACE $\pm$. 1 PLACE $\pm$. DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SF	TITLE				
			2.54 mm KK Crp Trm Hsg II							
			DESIGN DIMENSION ☐ (MM) (PRIMARY) ☐ IN.		SCALE	molex MOLEX EUROPE			SHEET NO. 30F	DATE 13/07/00
			EQUIVALENT DIMENSION ☐ (MM) (SECONDARY) ☐ IN.			-	PART NO. SEE CHART	DWG NO. SD-6471-N-...	SIZE B	

PART NO

SEE CHART

~~SD-6471-N-2-22~~

OPTIONAL STYLE VOID (SECTION E-E)

PART No.	ENG No.	No. OF CIRCUITS	VOID CCT LOCATION	RAMP & POL. RIBS	DIM. A	DIM. B
22-01-602I	E-647I-02-02B	2	2	NO	↑	↑
NOT TOOLED	↑ -02I-02B	2	↑	YES	↑	↑
22-01-607I	↑ -07-02B	7	↑	NO	↑	↑
NOT TOOLED	↑ -07I-02B	7	↑	YES	↑	↑
22-01-610I	↑ -10-02B	10	↑	NO	↑	↑
NOT TOOLED	↑ -10I-02B	10	↑	YES	↑	↑
22-01-611I	↑ -11-02B	11	↑	NO	↑	↑
NOT TOOLED	E-647I-11I-02B	11	2	YES	↑	↑

PART No.	ENG No.	No. OF CIRCUITS	RAMP ONLY	DIM. A	DIM. B
97-00-1062	E-6471-2R	2	YES	↑	↑
↑ -1063	↑ -3R	3	↑		
-1064	↑ -4R	4			
-1065	-5R	5			
-1066	-6R	6			
-1067	-7R	7			
-1068	-8R	8			
-1069	-9R	9			
-1070	-10R	10			
-1071	-11R	11			
-1072	-12R	12			
-1073	-13R	13			
-1074	-14R	14			
-1075	-15R	15			
↓ -1076	-16R	16			
97-00-1077	-17R	17			
NOT TOOLED	-18R	18			
↑	-19R	19			
	-20R	20			
	-21R	21			
	-22R	22			
	-23R	23			
	-24R	24			
	-25R	25			
	-26R	26			
↓	↓ -27R	27	↓		
NOT TOOLED	E-6471-28R	28	YES	↓	↓

7132-1283

SEA SHEET I.

LTR	REVISIONS
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DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR $\pm .01$

	INCH	(METRIC)
3 PLACE	$\pm .$	
2 PLACE	$\pm .$	$\pm$
1 PLACE		$\pm$

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION ☐ (MM)
(PRIMARY) ☐ IN.

EQUIVALENT DIMENSION ☐ (MM)
(SECONDARY) ☐ IN.

DRWG	BY
CHK'D	BY
APP'D	BY
SCALE	

REVISE ONLY ON CAD SYSTEM

SH.	REV.
-----	------

CAD/CAM FILENAME
SD-6471-N - .S05

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TITLE	
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2.54 mm KK Cpr Trm Hsg il

MOLEX EUROPE

SHEET N°

50F

DATE _____

17/07/00

PART NO.

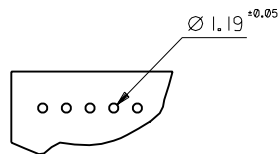
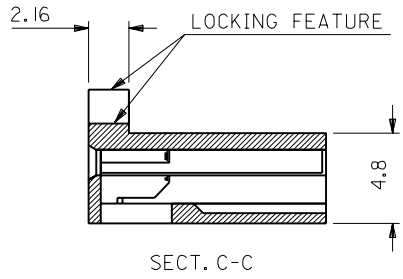
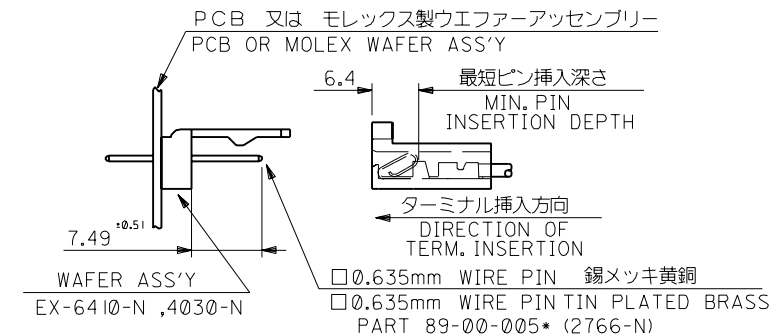
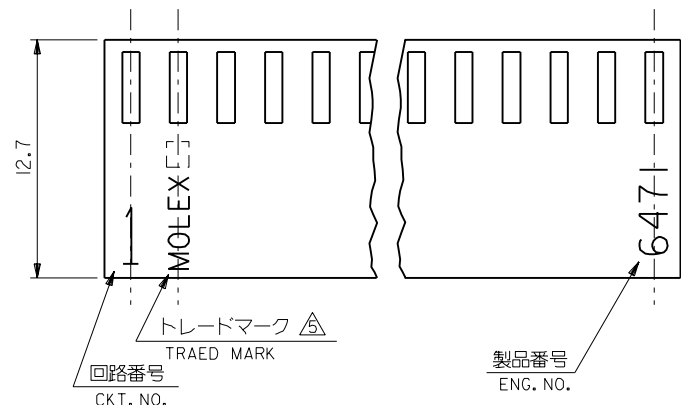
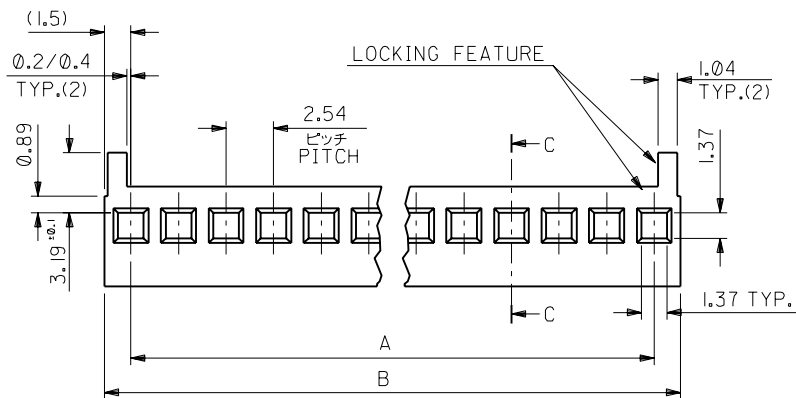
SEE CHART

DWG NO.	
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SD-6471-N-...

SIZE

B



基板取付穴推奨寸法
RECOMMENDED P.C.B HOLE DIMENSIONS

68.58 ^{+0.33}	71.58 ^{+0.46}	E-6471-281	28
66.04 ^{+0.33}	69.04 ^{+0.46}	-271	27
63.50 ^{+0.33}	66.50 ^{+0.46}	-261	26
60.96 ^{+0.33}	63.96 ^{+0.43}	-251	25
58.42 ^{+0.31}	61.42 ^{+0.43}	-241	24
55.88 ^{+0.31}	58.88 ^{+0.43}	-231	23
53.34 ^{+0.30}	56.34 ^{+0.41}	-221	22
50.80 ^{+0.30}	53.80 ^{+0.41}	-211	21
48.26 ^{+0.25}	51.26 ^{+0.36}	-201	20
45.72 ^{+0.23}	48.72 ^{+0.33}	-191	19
43.18 ^{+0.23}	46.18 ^{+0.33}	-181	18
40.64 ^{+0.20}	43.64 ^{+0.30}	-171	17
38.10 ^{+0.20}	41.10 ^{+0.30}	-161	16
35.56 ^{+0.20}	38.56 ^{+0.30}	-151	15
33.02 ^{+0.18}	36.02 ^{+0.28}	-141	14
30.48 ^{+0.18}	33.48 ^{+0.28}	-131	13
27.94 ^{+0.18}	30.94 ^{+0.28}	-121	12
25.40 ^{+0.15}	28.40 ^{+0.25}	-111	11
22.86 ^{+0.15}	25.86 ^{+0.25}	-101	10
20.32 ^{+0.13}	23.32 ^{+0.23}	-091	9
17.78 ^{+0.13}	20.78 ^{+0.23}	-081	8
15.24 ^{+0.13}	18.24 ^{+0.23}	-071	7
12.70 ^{+0.10}	15.70 ^{+0.23}	-061	6
10.16 ^{+0.10}	13.16 ^{+0.20}	-051	5
7.62 ^{+0.10}	10.62 ^{+0.20}	-041	4
5.08 ^{+0.10}	8.07 ^{+0.20}	-031	3
2.54 ^{+0.10}	5.53 ^{+0.20}	E-6471-021	2
A	B	ENG. NO.	通数 NO. OF CKTS.

角度 ANGLE	30°以上	30°未満	10°以上	10°未満	一般公差
公差	+0.3	+0.25	+0.2	+0.2	GENERAL TOLERANCES
記号 LTR	V	新規作成 RELEASED (JC80224)	Y.K.	Y.M.	9/7/09/18
変更内容	変更内容	変更内容	変更内容	変更内容	変更内容
DR. CHK.	DR. CHK.	DR. CHK.	DR. CHK.	DR. CHK.	DR. CHK.
日付 DATE	9/7/09/18	9/7/09/18	9/7/09/18	9/7/09/18	9/7/09/18
APP'D BY	Y.KANNO	Y.KANNO	Y.KANNO	Y.KANNO	Y.KANNO
尺度	尺度	尺度	尺度	尺度	尺度
材料	ナイロン6/6, UL94V-0	ナイロン6/6, UL94V-0	ナイロン6/6, UL94V-0	ナイロン6/6, UL94V-0	ナイロン6/6, UL94V-0
仕上げ FINISH	仕上げ	仕上げ	仕上げ	仕上げ	仕上げ
適用電線範囲 WIRE RANGE	適用電線範囲	適用電線範囲	適用電線範囲	適用電線範囲	適用電線範囲
被覆外径 INS. RANGE	被覆外径	被覆外径	被覆外径	被覆外径	被覆外径
DRAWN BY	9/7/09/18	9/7/09/18	9/7/09/18	9/7/09/18	9/7/09/18
CHK'D BY	9/7/09/18	9/7/09/18	9/7/09/18	9/7/09/18	9/7/09/18
Y.KANNO	Y.KANNO	Y.KANNO	Y.KANNO	Y.KANNO	Y.KANNO
Y.MIZUNO	Y.MIZUNO	Y.MIZUNO	Y.MIZUNO	Y.MIZUNO	Y.MIZUNO
M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA

材料	ナイロン6/6, UL94V-0	ナイロン6/6, UL94V-0
仕上げ	仕上げ	仕上げ
適用電線範囲	適用電線範囲	適用電線範囲
被覆外径	被覆外径	被覆外径
DRAWN BY	9/7/09/18	9/7/09/18
CHK'D BY	9/7/09/18	9/7/09/18
Y.KANNO	Y.KANNO	Y.KANNO
Y.MIZUNO	Y.MIZUNO	Y.MIZUNO
M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA
材料	ナイロン6/6, UL94V-0	ナイロン6/6, UL94V-0
仕上げ	仕上げ	仕上げ
適用電線範囲	適用電線範囲	適用電線範囲
被覆外径	被覆外径	被覆外径
DRAWN BY	9/7/09/18	9/7/09/18
CHK'D BY	9/7/09/18	9/7/09/18
Y.KANNO	Y.KANNO	Y.KANNO
Y.MIZUNO	Y.MIZUNO	Y.MIZUNO
M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA

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