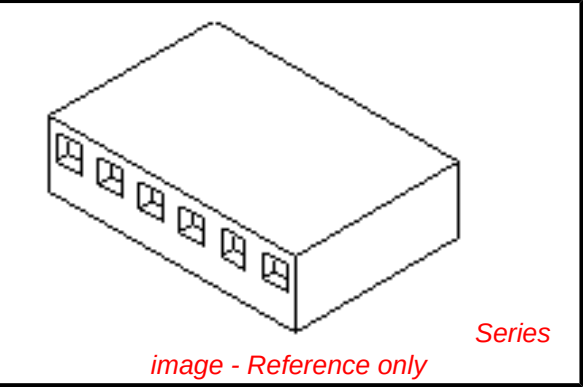


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0022012065
Status: Active
Overview: kk
Description: 2.54mm (.100") Pitch KK® Crimp Terminal Housing, Friction Ramp, 6 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) 6
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

Material Info

Old Part Number 6471-06(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
Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

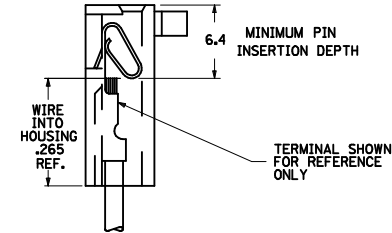
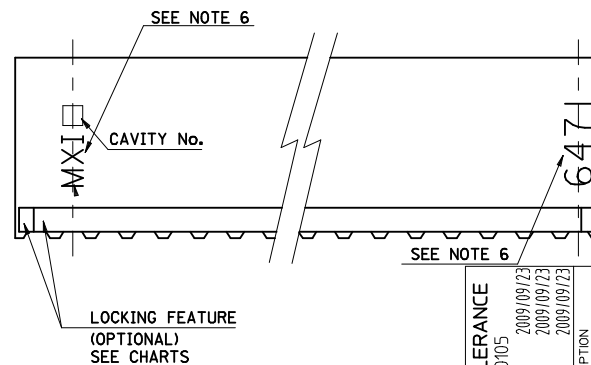
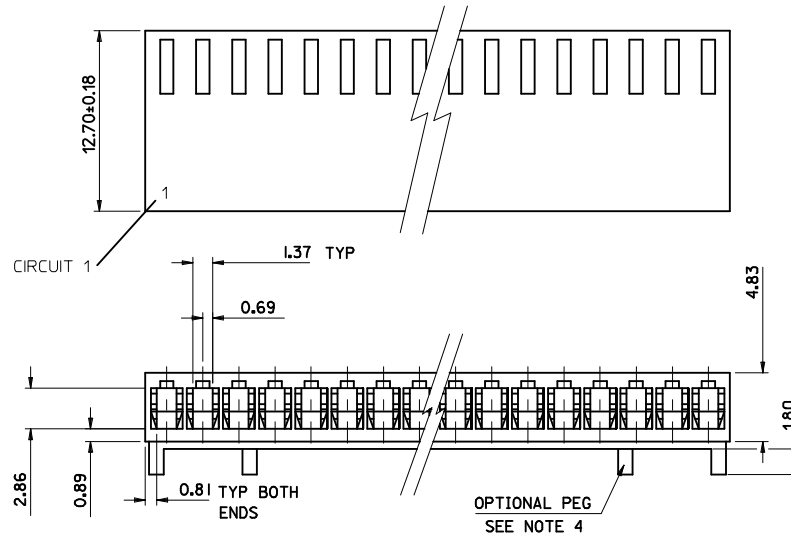
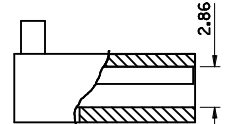
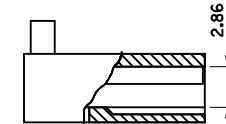
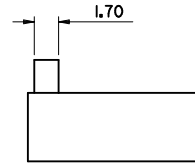
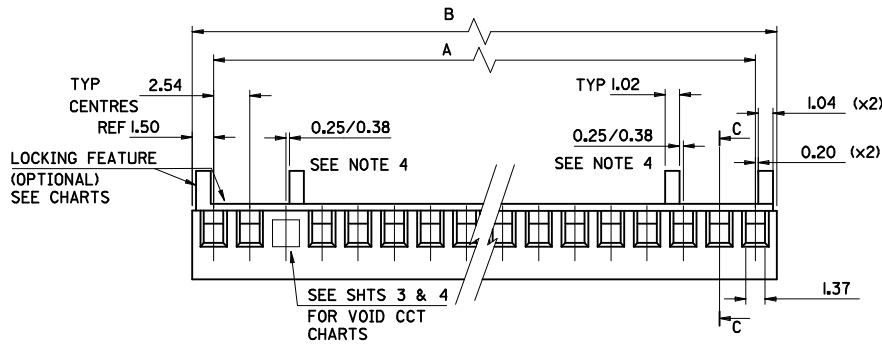
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
6471Series

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

Use With
4809 KK® Crimp Terminal

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- 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 Tcct & 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-***

No. OF CCTS

BLANK = STD. VOID
B = OPT. STYLE VOID
VOID CCT LOC'N.

HOUSING STYLE

BLANK NO LOCKING RAMP
I = LOCKING RAMP & POL. RIB
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.

28	68.58±0.35	71.58±0.35
27	66.04±0.35	69.04±0.35
26	63.50±0.35	66.50±0.35
25	60.96±0.35	63.96±0.35
24	58.42±0.35	61.42±0.35
23	55.88±0.35	58.88±0.35
22	53.34±0.35	56.34±0.35
21	50.80±0.35	53.80±0.35
20	48.26±0.35	51.26±0.35
19	45.72±0.35	48.72±0.35
18	43.18±0.35	43.18±0.35
17	40.64±0.35	43.64±0.35
16	38.10±0.35	41.10±0.35
15	35.56±0.35	38.56±0.35
14	33.02±0.35	33.02±0.35
13	30.48±0.35	33.48±0.35
12	27.94±0.35	30.94±0.35
11	25.40±0.35	28.40±0.35
10	22.86±0.35	25.86±0.35
9	20.32±0.35	23.32±0.35
8	17.78±0.35	20.78±0.35
7	15.24±0.35	18.24±0.35
6	12.70±0.15	15.70±0.15
5	10.16±0.15	13.16±0.15
4	7.62±0.15	10.62±0.15
3	5.08±0.15	8.08±0.15
2	2.54±0.15	5.54±0.15
No. OF CCTS	DIM A	DIM B

ADJUST TOLERANCE EC NO: E2010-0105 DRWN:BMAGUIRE 2009/09/23 CHKD: 2009/09/23 APPR:BMAGUIRE 2009/09/23	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY SF	DATE 2000/07/14	TITLE 2.54 MM KK CRP TRM HSG IL		
			4 PLACES	± --- ± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED		
			3 PLACES	± --- ± ---	DWASZKIEWICZ	2006/02/27			
			2 PLACES	± 0.15 ± ---	APPROVED BY	DATE	DOCUMENT NO.		
1 PLACE	± 0.25 ± ---	JDENNEHY	2006/02/27	SHEET NO.					
		ANGULAR ± --- °		MATERIAL NO.		SD-6471-N*-**			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		1 OF 5			
				SIZE A2		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~~

SEE SHEET 1 FOR DIMENSION

SEE SHEET 1 FOR DIMENSION

SEE SHEET 1 FOR DIMENSION

SEE SHEET FOR DIMENSION

7132-1283

A SEE SHEET 1.

LTR	REVISIONS
-----	-----------

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR $\pm .5^\circ$

	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 -
.S02

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO
MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE
2.54 mm KK Crp Trm Hsg il



MOLEX EUROPE

SHEET NO.	DATE
20F	15/07/00

PART NO. SEE CHART

DWG NO.	
---------	--

SD-6471-N-...

SIZE
B

PART NO.

SEE CHART
DWG. NO.

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

7132-1283

10

9

8

7

6

5

4

3

2

1

F

E

D

C

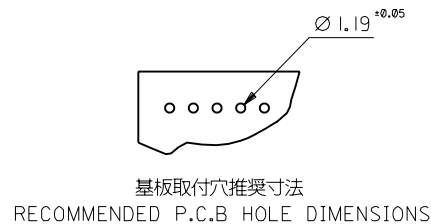
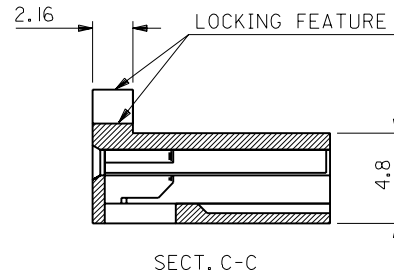
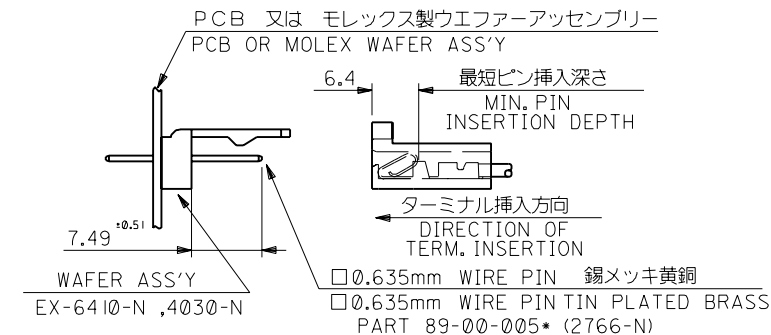
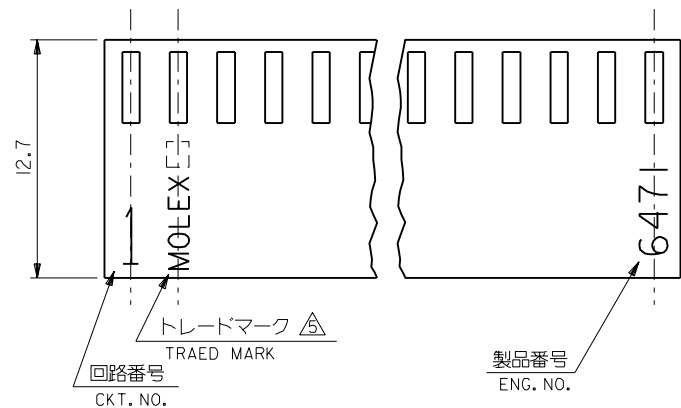
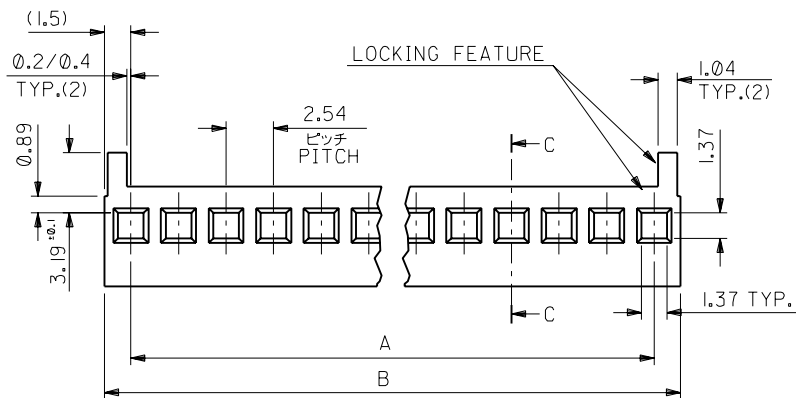
B

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.		REVISONS	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			CAD/CAM FILENAME SD-6471-N - .J03 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
A		L.T.R	DESIGN DIMENSION ☐ (MM) (PRIMARY) ☐ IN.		CHK'D BY	TITLE			
			EQUIVALENT DIMENSION ☐ (MM) (SECONDARY) ☐ IN.						
			SCALE		APP'D BY	2.54 mm KK Crp Trm Hsg II			
						 MOLEX EUROPE		SHEET NO. 30F	DATE 13/07/00
						PART NO. SEE CHART		DWG NO. 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	+0.3
10°以上 30°未満	+0.25
10°未満	+0.2
一般公差	GENERAL TOLERANCES

記号	変更内容	DR.	日付
LTR	REVISION RECORD	CHK	DATE

材料	ナイロン6/6, UL94V-0
WIRE RANGE	NYLON6/6, UL94V-0
仕上げ	FINISH
適用電線範囲	WIRE RANGE
被覆外径	INS. RANGE
DRAWN BY	97/09/18 Y.K.
CHK'D BY	97/09/19 Y.M.
APP'D BY	97/09/19 M.FUKUSHIMA
尺	SCALE

材料	ナイロン6/6, UL94V-0
WIRE RANGE	NYLON6/6, UL94V-0
仕上げ	FINISH
適用電線範囲	WIRE RANGE
被覆外径	INS. RANGE
DRAWN BY	97/09/18 Y.K.
CHK'D BY	97/09/19 Y.M.
APP'D BY	97/09/19 M.FUKUSHIMA
尺	SCALE

