

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022012045

Status:

Active

Overview:

kk

Description:

2.54mm (.100") Pitch KK® Crimp Terminal Housing, Friction Ramp, 4 Circuits, Use with 4809

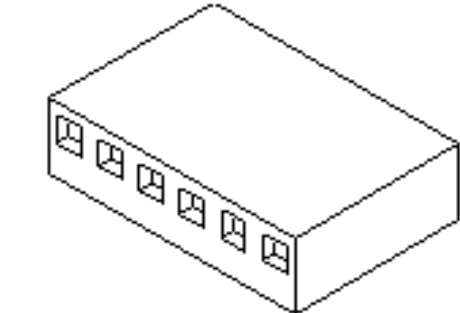


image - Reference only

Series

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)

4

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

6471-04(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

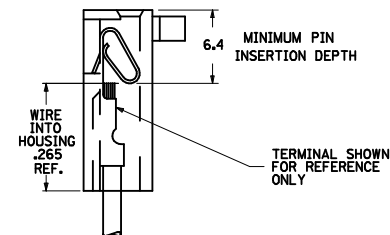
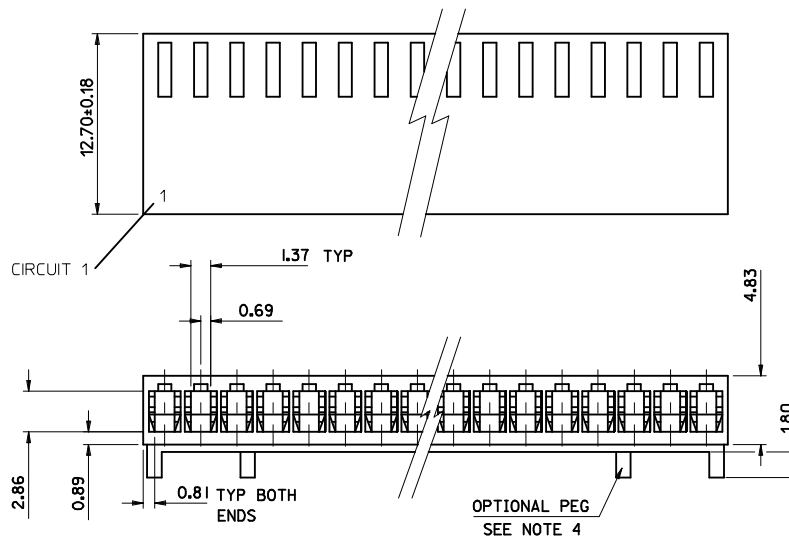
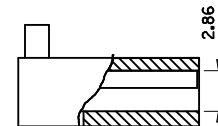
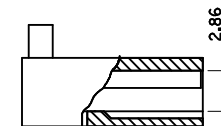
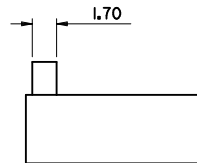
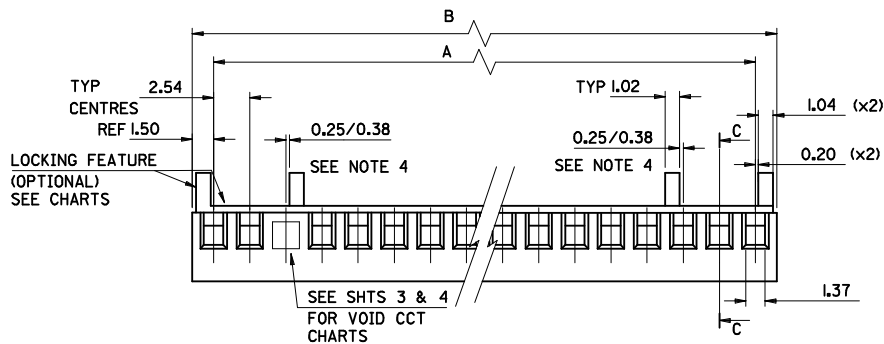
Mates With

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

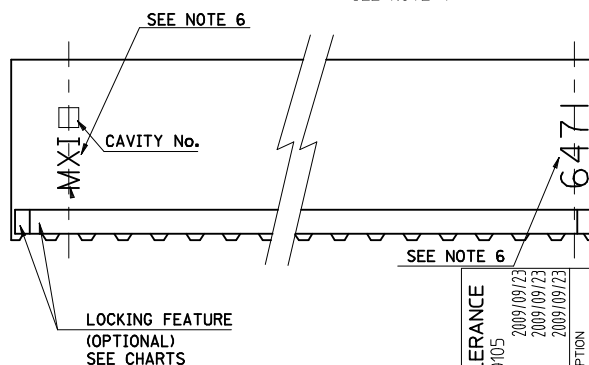
I = LOCKING RAMP & POL. RIB

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			
			1 PLACE	± 0.25 ± ---	JDENNEHY	2006/02/27			
			ANGULAR ± --- °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-6471-N*-**	1 OF 5				
REV		SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

PART NO

SEE CHART
DWG. NO.

~~SD-6471-N-9-98~~

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	DIM. A	DIM. B
22-01-2025	E-6471-021	2	YES	↑	↑
↑ -2035	↑ -031	3	↑		
-2045	-041	4			
-2055	-051	5			
-2065	-061	6			
-2075	-071	7			
-2085	-081	8			
-2095	-091	9			
-2105	-101	10		SEE SHEET 1 FOR DIMENSION	SEE SHEET 1 FOR DIMENSION
-2115	-111	11			
-2125	-121	12			
-2135	-131	13			
-2145	-141	14			
-2155	-151	15			
-2165	-161	16			
-2175	-171	17			
-2185	-181	18			
-2195	-191	19			
-2205	-201	20			
-2215	-211	21			
-2225	-221	22			
↓ -2235	-231	23			
22-01-2245	-241	24			
NOT TOOLED	-251	25			
22-01-2265	-261	26			
NOT TOOLED	↓ -271	27	↓		
22-01-2285	E-6471-281	28	YES	↓	↓

PART No.	ENG No.	No. OF CIRCUITS	LOCKING FEATURE	DIM. A	DIM. B
22-01-2026	E-6471-2	2	NO	↑	↑
↑ -2036	↑ -3	3	↑		
-2046	-4	4			
-2056	-5	5			
-2066	-6	6			
-2076	-7	7			
-2086	-8	8			
-2096	-9	9			
-2106	-10	10			
-2116	-11	11			
-2126	-12	12			
-2136	-13	13			
-2146	-14	14			
-2156	-15	15			
-2166	-16	16			
-2176	-17	17			
-2186	-18	18			
-2196	-19	19			
-2206	-20	20			
↓ -2216	-21	21			
22-01-2226	-22	22			
NOT TOOLED	-23	23			
22-01-2246	-24	24			
NOT TOOLED	-25	25			
22-01-2266	-26	26			
22-01-2276	↓ -27	27	↓		
22-01-2286	E-6471-28	28	NO	↓	↓

A	SEE SHEET 1.	REVISIONS	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm$ INCH (METRIC)		DRWG BY SF	CADCAM FILENAME SD-6471-N - .S02	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			3 PLACE $\pm$.				TITLE 2.54 mm KK Crp Trm Hsg II			
			2 PLACE $\pm$.							
			1 PLACE							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
L	TR	DESIGN DIMENSION ☐ (MM) (PRIMARY) ☐ IN.	EQUIVALENT DIMENSION ☐ (MM) (SECONDARY) ☐ IN.	SCALE	CHK'D BY APP'D BY SCALE	molex	MOLEX EUROPE		SHEET NO. 20F	DATE 15/07/00
							PART NO. SEE CHART	DWG NO. SD-6471-N-...	SIZE B	

SD-6471-N--98

A

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	↓	↓

A

SEE SHEET 1.	REVISONS	DIMENSIONS SHOWN (METRIC) INCH		DRWG BY	REVISE ONLY ON CAD SYSTEM		SH. REV.	
		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm .5^\circ$		SF	CADCAM FILENAME SD-6471-N - .503		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		INCH (METRIC)			TITLE			
		3 PLACE $\pm$.		CHK'D BY	2.54 mm KK Crp Trm Hsg il			
A	LTR	2 PLACE $\pm$.		APP'D BY	 MOLEX EUROPE		SHEET NO.	DATE
		1 PLACE					30F	13/07/00
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SCALE	PART NO.	DWG NO.	SIZE	
		DESIGN DIMENSION ☐ (MM)	☐ IN.	-	SEE CHART	SD-6471-N-***	B	
EQUIVALENT DIMENSION ☐ (MM)		☐ IN.						

PART NO

SEE CHART
DWG. NO.

DWG. NO.

~~SD-6471-N~~

HOUSING WITH OPTIONAL PEGS

PART No.	ENG No.	No. OF CIRCUITS	RAMP & POL. RIBS	DIM. A	DIM. B
NOT TOOLED	E-647I-7S	7	YES	↑	↑
↑	↑ -8S	8	↑		
	-9S	9			
	-10S	10			
	-11S	11			
	-12S	12			
	-13S	13			
	-14S	14			
	-15S	15			
	-16S	16			
	-17S	17			
	-18S	18			
	-19S	19			
	-20S	20			
	-21S	21			
	-22S	22			
	-23S	23			
	-24S	24			
	-25S	25			
	-26S	26			
↓	↓ -27S	27	↓		
NOT TOOLED	E-647I-28S	28	YES	↓	↓

PART No.	ENG No.	No. OF CIRCUITS	RAMP & POL. RIBS	VOID CCT LOCATION	DIM. A	DIM. B
22-01-4123	E-6471-12-11	12	NO	11	↑	↑
22-01-4124	↑ -121-11	12	YES	11		
NOT TOOLED	-24-01	24	NO	1	SEE SHEET I FOR DIMENSION	SEE SHEET I FOR DIMENSION
NOT TOOLED	-241-01	24	YES	1		
22-01-6132	-13-51	13	NO	2 & 5		
NOT TOOLED	-131-51	13	YES	2 & 5		
22-01-6134	-13-52	13	NO	9 & 12		
22-01-6135	-131-52	13	YES	9 & 12		
NOT TOOLED	-7-3	7	NO	3		
97-00-0739	-71-3	7	YES	3		
97-00-0061	-15-51	15	NO	2 & 8		
NOT TOOLED	-151-51	15	YES	2 & 8		
97-00-0189	-5-4	5	NO	4	SEE SHEET I FOR DIMENSION	SEE SHEET I FOR DIMENSION
97-00-0620	-51-4	5	YES	4		
97-00-0619	↓ -51-3	5	YES	3		
97-00-0740	E-6471-61-3	6	YES	3	↓	↓

7132-1283

22-01 -2285	E-6471-281	28	○	↑	↑
設備無し NOT TOOLED	↑ -271	27	↑		
22-01 -2265	-261	26			
設備無し NOT TOOLED	-251	25			
22-01 -2245	-241	24			
↑ -2235	-231	23			
-2225	-221	22			
-2215	-211	21			
-2205	-201	20		図面 1 OF 2 参照	図面 1 OF 2 参照
-2195	-191	19			
-2185	-181	18			
-2175	-171	17			
-2165	-161	16		図面 1 OF 2 参照	図面 1 OF 2 参照
-2155	-151	15			
-2145	-141	14		図面 1 OF 2 参照	図面 1 OF 2 参照
-2135	-131	13			
-2125	-121	12			
-2115	-111	11			
-2105	-101	10			
-2095	-091	9			
-2085	-081	8			
-2075	-071	7			
-2065	-061	6			
-2055	-051	5			
-2045	-041	4			
↓ -2035	↓ -031	3	↓		
22-01 -2025	E-6471-021	2	○	↓	↓
PART NO.	ENG. NO.	極 数 NO. OF CKTS.	補強部 RAMP & POL.RIBS	A	B

注記
NOTES

- 適合ターミナル 4809-* (22-30 GA)
クリンプ部 被覆外径 Φ1.58mm以下
FOR USE TERMINAL 4809-* (22-30 GA)
CRIMP TYPE ,MAX. INSULATION Φ1.58mm
 - ハウジングの端と端を合わせて積み重ねることができる。
TWO(2) HOUSINGS MAY BE STACKED END TO END.
 - () 内寸法は参考寸法
() DIMENSION IS FOR REFERENCE.
 - 本製品は仕様書NO. 10-07に基づく。
THIS PART CONFORMS TO MOLEX PRODUCT SPEC. NO.10-07
- △ トレードマーク：MOLEX プラス1文字の製造国を示すアルファベットにて構成。
(例：I =アイルランド)
TRADE MARK FORMED BY MOLEX AND 1 MORE LETTER OF ALPHABET
WHICH MEAN THE MANUFACUTURING COUNTRY. (c.g. I=IRELAND)
- 19から28極は標準品ではありません。
19-28 CIRCUITS ARE NON-STANDARD.
 - 一般公差：±0.4
GENERAL TOLERANCES:±0.4

角度 ANGLE	30°	30°以上 OVER	30°未満 UNDER	10°以上 OVER	10°未満 UNDER	一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR.	日付 DATE	材料 MATERIAL ナイロン6/6, UL94V-0 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.KANNO	CHK'D BY 97/09/19 Y.MIZUNO	APP'D BY 97/09/19 M.FUKUSHIMA	尺 度 SCALE	材料 MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	REVISE ONLY ON CAD SYSTEM	TITLE 名称 HOUSING ,KK (2.54)/.100 CRIMP TYPE ,ANTI FISH-HOOKING TERMINAL WITH LOCKING RAMP	DWG. NO. SHEET 2 OF 2 SDE-6471-N*-*	REV V
----------	-----	---------------	----------------	---------------	----------------	----------------------------	-----------	-------------------------	-----	------------	---	---------------	----------------------	--------------------	------------------------------	-------------------------------	----------------------------------	--------------	---	---------------------------	---	--	----------