

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0022012025
Status: Active
Overview: kk
Description: 2.54mm (.100") Pitch KK® Crimp Terminal Housing, Friction Ramp, 2 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

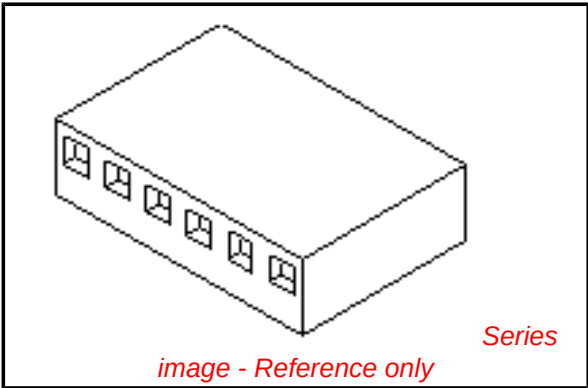
Circuits (maximum) 2
Color - Resin Natural (White)
Flammability 94V-0
Gender Female
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Resin Nylon
Number of Rows 1
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Polarized to Mating Part Yes
Stackable No
Temperature Range - Operating 0°C to +75°C

Material Info

Old Part Number 6471-02(I)

Reference - Drawing Numbers

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



EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

China RoHS



Need more information on product
environmental compliance?

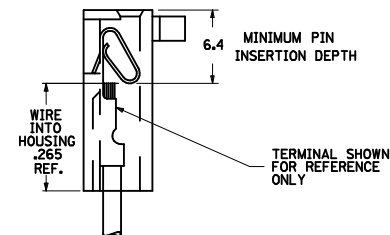
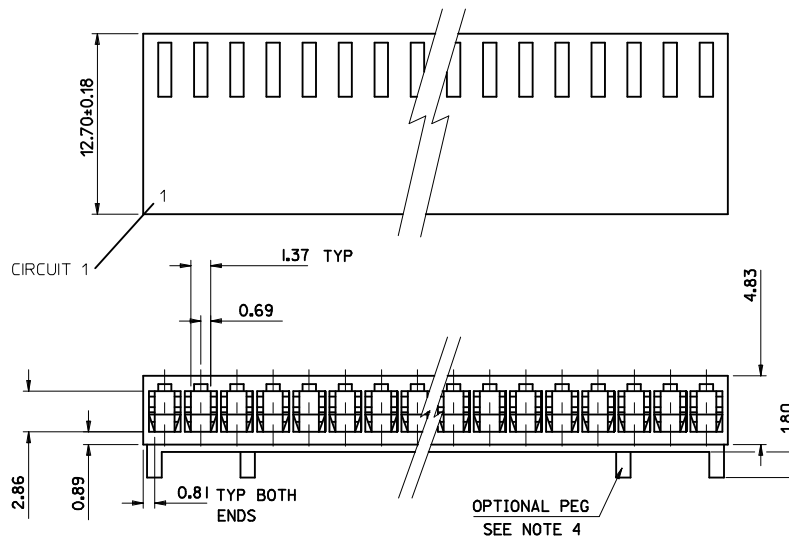
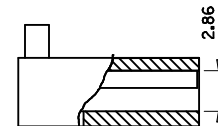
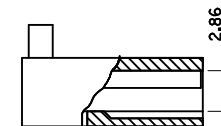
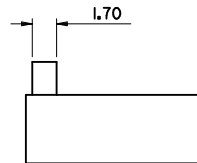
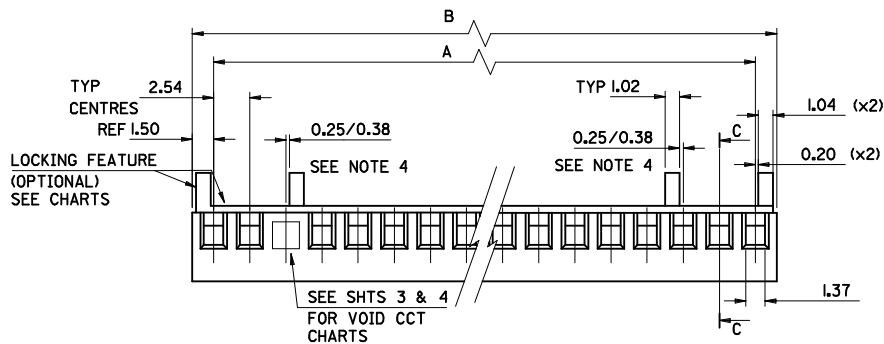
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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



- 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

HOUSING STYLE

BLANK NO LOCKING RAMP

I = LOCKING RAMP & POL. RIB

S = OPT. PEG

R = LOCKING RAMP ONLY

No. OF CCTS

BLANK = STD. VOID

B = OPT. STYLE VOID

VOID CCT LOC'N.

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

[illegible]

PART NO.

SEE CHART
DWG. NO.

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

7132-1283

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-6471-02-02	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-6471-28-02	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 $\pm .5^\circ$		SF	CADCAM FILENAME SD-6471-N - .J03		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 II			
			2 PLACE $\pm$.	$\pm$	APP'D BY				
			1 PLACE	$\pm$					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
A	LTR		DESIGN DIMENSION ☐ (MM)		SCALE	 MOLEX EUROPE		SHEET NO.	DATE
		(PRIMARY) ☐ IN.		30F				13/07/00	
		EQUIVALENT DIMENSION ☐ (MM)							
			(SECONDARY) ☐ IN.			PART NO.	DWG NO.	SIZE	
					-	SEE CHART		SD-6471-N-...	B

PART NO.	SEE CHART
DWG. NO.	SDE-6472-N*D-A

[illegible]

SEE SHEET 1 EC NO. E8048 DRAWN: MCASEY CHK'd: / / / APPR: / / / C	DESCRIPTION REV	QUALITY SYMBOLS MAJOR = CRITICAL =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE : □ mm □ INCH	DESIGN UNITS □ mm □ INCH	THIRD ANGLE PROJECTION 	DIMENSIONS: □ mm □ INCH □ mm □ INCH □ mm ONLY			SHT	REV
			4 PLACES ±0. ±.	mm	INCH	DRAWN BY & DATE MCASEY 98/05/14		TITLE: HOUSING K-K(2.54)/.100 ANTI FISK HOOKING TERM OPT. LOCK&COL FEAT MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DRAWING NO. SDE-6471 -N*D-A	SHEET NO. 2 OF	SIZE B
			3 PLACES ±0. ±.			CHECKED BY & DATE OCOSTELL 98/05/14						
			2 PLACES ±0. ±.			APPROVED BY & DATE MWHILE 98/05/14						
			1 PLACE ±0. ±.									
			ANGULAR: ± 1/2°		CAD FILENAME S6471X2.DGN							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.									