

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0022012055
Status: Active
Overview: kk
Description: 2.54mm (.100") Pitch KK® Crimp Terminal Housing, Friction Ramp, 5 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) 5
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

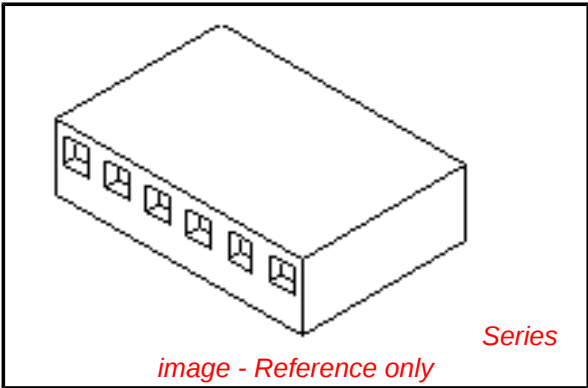
Duration at Max. Process Temperature (seconds) 5
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 245

Material Info

Old Part Number 6471-05(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

China RoHS



Need more information on product
environmental compliance?

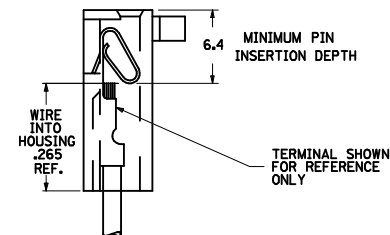
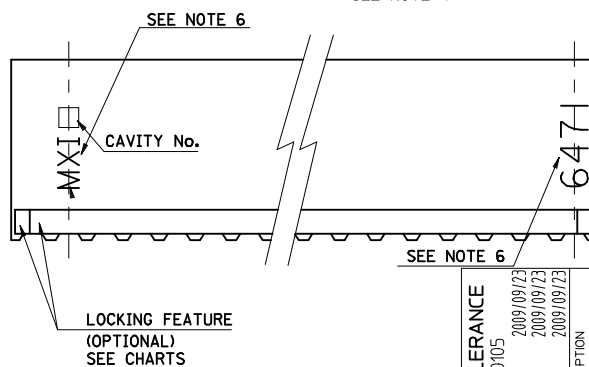
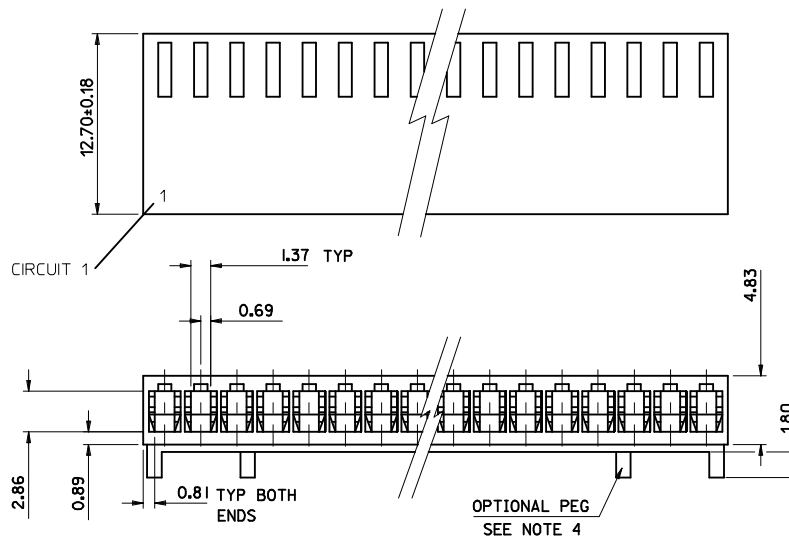
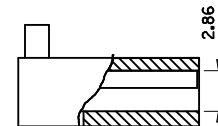
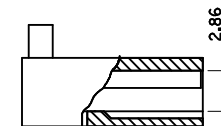
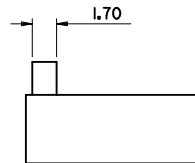
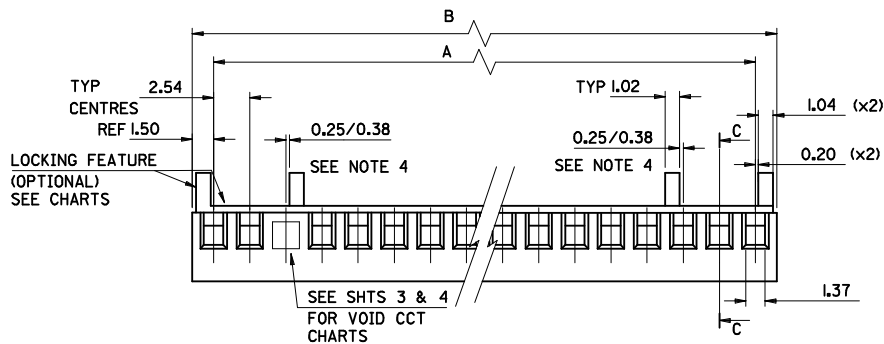
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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 7cct & 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.

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.

No. OF CCTS	DIM A	DIM B
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

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

SD-6471-N-9-9-9

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									
		<table border="1"> <tr> <td>3 PLACE $\pm$</td> <td>.</td> <td></td> </tr> <tr> <td>2 PLACE $\pm$</td> <td>.</td> <td>$\pm$</td> </tr> <tr> <td>1 PLACE</td> <td></td> <td>$\pm$</td> </tr> </table>		3 PLACE $\pm$	.		2 PLACE $\pm$	.	$\pm$	1 PLACE		$\pm$	CHK'D BY	2.54 mm KK Crp Trm Hsg il
3 PLACE $\pm$	.													
2 PLACE $\pm$	.	$\pm$												
1 PLACE		$\pm$												
A	LTR	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY										
		DESIGN DIMENSION ☐ (MM)		SCALE	molex MOLEX EUROPE		SHEET NO.	DATE						
		(PRIMARY) ☐ IN.			30F		13/07/00							
		EQUIVALENT DIMENSION ☐ (MM)			PART NO.		DWG NO.	SIZE						
		(SECONDARY) ☐ IN.		-	SEE CHART		SD-6471-N-***	B						

PART NO

SEE CHART

~~SD-6471-N~~

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

2.54 mm KK Cpr Trm Hsg il

MOLEX EUROPE

SHEET N°

50F

DATE

17/07/00

PART NO.

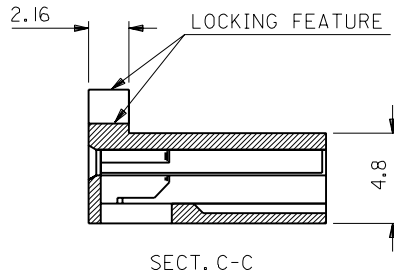
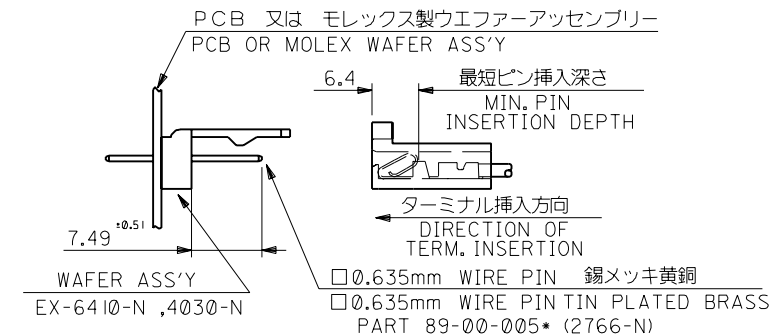
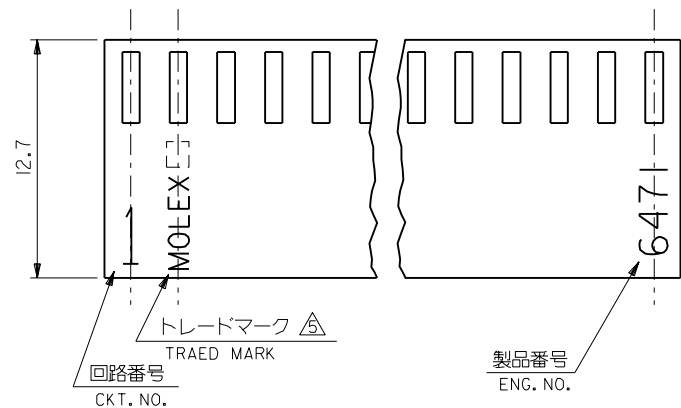
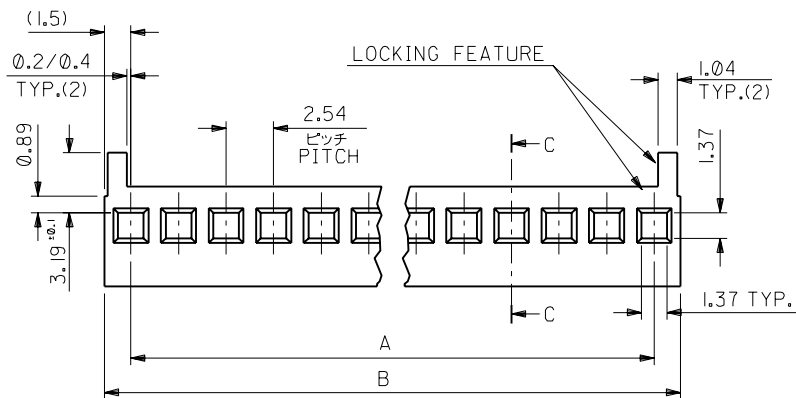
SEE CHART

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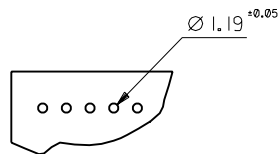
SD-6471-N-...

SIZE	
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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 OVER	30°未満 UNDER	10°以上 OVER	10°未満 UNDER	一般公差 GENERAL TOLERANCES
30°以上 OVER	+0.3	+0.25	+0.2		
10°以上 OVER					
10°未満 UNDER					
一般公差 GENERAL TOLERANCES					

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
REVISION RECORD	尺 SCALE

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
REVISION RECORD	尺 SCALE

